

A Complete Bibliography of Publications in the  
*Canadian Journal of Fisheries and Aquatic  
Sciences = Journal canadien des sciences  
halieutiques et aquatiques* (1980–1989)

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254  
FAX: +1 801 581 4148

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org),  
[beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <http://www.math.utah.edu/~beebe/>

12 April 2024  
Version 1.03

## Title word cross-reference

$10^3$  [1033].  $10^4$  [1033].  $>$  [1054].  $+$  [2258, 1919, 1992, 2570, 389, 2167].  $^{14}$   
[151, 97, 2378, 1919, 707].  $^{15}$  [1833, 2378].  $^{2+}$  [2167].  $^{210}$  [1349, 1401].  $^{228}$   
[2442].  $^{232}$  [1865].  $^{238}$  [1865].  $^{60}$  [1610].  $_1$  [321].  $_2$  [1019, 1946, 1234, 2570].  $_3$   
[2387].  $_{\bar{3}}$  [1234].  $_6$  [1847].  $a$   
[313, 344, 1075, 631, 278, 1229, 782, 1144, 2202, 1251].  $\alpha$  [2372, 1269].  $\beta$   
[1449, 2317].  $\chi^2$  [147, 645].  $:$  [1547].  $\delta$  [1136].  $\mu$  [1054].  $n$  [1082, 399].  $p, p'$   
[299].  $r$  [438].  $\Sigma$  [1116].  $T^2$  [1278].  $\times$  [364, 346].

**-Aminolevulinic** [1136]. **-ATPase** [2258, 1919, 1992]. **-butyltin** [1082].  
**-DDT** [299]. **-hexyl** [399]. **-Methyltestosterone** [2372, 1269].

**0-Age** [1611].

**120-kHz** [87]. **1254** [1521, 1894]. **13/Carbon** [98]. **17** [1449, 2317]. **1970s** [1306]. **1973** [498].

**2** [2125]. **2-Methylisoborneol** [1926, 185]. **20E** [752]. **223** [974]. **227** [65].

**303** [2352].

**4** [2125]. **4-D** [2125]. **450** [865].

**50-Year** [2594].

**70-kHz** [2066, 2605]. **73** [628, 1831]. **77°** [739].

**Îles** [2047, 2196, 870, 319, 1767, 1862]. **Îles-de-la-Madeleine** [870].

**A.** [1485, 2550, 362]. **Abalone** [1133]. **Aberdeenshire** [1435]. **Aberrant** [1682]. **Ability** [551, 1347, 1768, 692, 2265, 1012, 369, 629]. **Abiogenic** [2264]. **Abiotic** [1451, 1875, 1150, 2316, 406]. **Abnormalities** [1482]. **Abundance** [2142, 2550]. **Aboveground** [1905]. **Abra** [1810]. **Abramis** [1415]. **Absence** [422, 2281, 755]. **Absorbance** [896]. **Absorption** [2596, 1379, 2117, 421]. **Abundance** [623, 2019, 1882, 1134, 1854, 1770, 2262, 2510, 1764, 970, 2211, 1076, 127, 1382, 1850, 2194, 2192, 1672, 1958, 228, 1447, 728, 819, 2102, 1954, 2452, 236, 1393, 2260, 345, 2320, 1867, 668, 2464, 407, 245, 420, 427, 2209, 571, 1555, 1565, 671, 1848, 1081, 2049, 941, 1653, 1914, 2591, 1057, 1503, 2483, 627, 1333, 1237, 1407, 565, 1434, 1869, 2180, 466, 1368, 554, 1454, 1370, 1403, 1750]. **Abundances** [2614, 1238, 2382]. **acanthias** [1471]. **Acartia** [1581]. **Accelerated** [2029]. **Accelerates** [2375]. **Access** [1978, 1498, 936]. **Accident** [851]. **Acclimate** [2254, 133]. **Acclimated** [715]. **Acclimation** [405, 1829, 1830, 1708, 1532, 2279, 2280]. **Acclimation-Induced** [1532]. **Acclimitization** [2144]. **Accounting** [1122]. **Accumulate** [1683]. **Accumulated** [1013]. **Accumulation** [1257, 1601, 32, 1249, 2140, 1349, 278, 97, 110, 822, 2219, 299, 981, 1354, 2297, 2573, 1082, 2382, 1421, 2042, 1196, 1588, 1339, 545, 1211, 478]. **Accuracy** [2124, 2177]. **Acephate** [186]. **Acetone** [1203]. **Acetylcholinesterase** [186]. **Acetylene** [63]. **Acid** [1186, 2253, 1030, 1337, 2507, 2596, 2394, 1294, 2392, 2234, 1168, 1573, 197, 22, 1863, 1293, 1615, 2283, 2284, 2121, 1494, 1465, 2332, 1510, 1695, 1136, 1018, 1414, 2233, 564, 2285, 2199, 1628, 2278, 2279, 2280]. **Acid-Exposed** [1695]. **Acid-Insoluble** [1186]. **Acid-Rain** [1168]. **Acid-Stressed** [2234, 2233]. **Acid/Aluminum** [2278, 2279, 2280]. **Acid/Base** [2392]. **Acidic** [2386, 1460, 2396, 2392, 1883, 1164, 2008, 1580, 1283, 2601, 1942, 755, 1735, 2391, 1751, 275]. **Acidification** [1456, 1601,

2276, 1020, 1589, 1332, 1497, 1557, 2468, 2519, 1726, 973, 693, 2010, 1223, 2018, 1580, 948, 1731, 49, 974, 2455, 2385, 755, 1515, 1989, 48, 51, 1539, 818]. **Acidified** [2397, 759, 1951, 1119, 1150, 2410, 282, 1105, 1754, 1469, 1908]. **Acidifying** [2121]. **Acidity** [2389, 2100, 1221, 1994, 1434, 1936]. **Acids** [2473, 9, 307, 995, 1425, 25]. **Acipenser** [1411, 2204]. **Acoustic** [2037, 1723, 2052, 1886, 2165, 1673, 2605, 435, 627, 1438, 2003]. **Acoustical** [1966]. **Acoustically** [283]. **Acquired** [1576]. **Across** [2348]. **Act** [498]. **Action** [2021]. **Activable** [303, 456]. **Activation** [186]. **Active** [900]. **Actively** [2585, 577]. **Activities** [1037, 2244, 865, 473]. **Activity** [646, 1953, 2585, 746, 1894, 1542, 187, 76, 1620, 1700, 1297, 1959, 1527, 182, 1992, 2368, 2075, 131, 1695, 1136, 1006, 2449, 389]. **Actual** [2489]. **aculeatus** [2400, 2142, 1807, 2043, 1162]. **Acute** [1337, 1340, 573, 2125, 999, 1849, 715, 1897, 340, 1694, 2167]. **Acyl** [2473]. **Adams** [2004]. **Adaptability** [593]. **Adaptation** [861, 851, 1102, 1622, 1493, 265]. **Adaptations** [854]. **Adapted** [2606]. **Adaptive** [1851, 811, 2481, 1807, 828, 328, 329, 378, 2450, 2119]. **Added** [52]. **Addition** [150, 869, 60, 2391, 720]. **Additions** [1964]. **Address** [1757]. **Adenosine** [826, 389, 550]. **Adenovirus** [1411]. **Adenovirus-Like** [1411]. **Adenylate** [599]. **Adhuc** [540]. **Adipose** [984]. **Adirondack** [2010, 2397, 856, 2395, 2388, 504]. **Adjacent** [1249, 347]. **adjusting** [265]. **adjustment** [1327]. **Adjuvant** [1406]. **Adjuvant-Dependent** [1406]. **Administered** [762, 2306]. **Administration** [382]. **administré** [2306]. **Adsorption** [869, 1691, 2087, 312]. **Adult** [232, 219, 1882, 2108, 2276, 823, 1362, 220, 1607, 2230, 1742, 1954, 23, 221, 1602, 971, 2580, 2283, 2284, 675, 846, 437, 2030, 570, 1503, 2226, 2584, 392, 2278, 2279, 2280, 1611]. **Adults** [2200, 2492, 365, 644]. **Advance** [1816]. **Advanced** [389]. **Advantage** [2066, 700]. **aeglefinus** [1820, 2428, 1474, 1821, 2540, 1594]. **Aequorea** [2532]. **Aeration** [910, 1036]. **Aerococcus** [1862]. **Aeromonas** [464, 551, 726, 1406, 1182, 2463, 1576, 268]. **aestivalis** [745, 1485, 2550, 362]. **Affected** [1865]. **Affecting** [1797, 2110, 547, 2147, 2338, 1380, 1958, 782, 1777, 1148, 84, 176, 2562, 1123]. **Affects** [173, 427]. **Affinities** [505, 1345]. **African** [2343]. **After** [1009, 1690, 938, 2285, 817, 2333, 2421, 2389, 1088, 1087, 1845, 221, 997, 1838, 227, 1523, 2393]. **Ag** [432]. **Against** [1406, 551]. **Age** [177, 1851, 418, 562, 1471, 1538, 1788, 918, 2428, 1367, 1973, 2055, 681, 327, 1004, 1309, 2458, 317, 34, 1350, 2220, 680, 893, 2206, 1721, 1849, 915, 2574, 1467, 2442, 1513, 828, 1378, 773, 345, 794, 1101, 1925, 1924, 68, 2464, 718, 1446, 1536, 1823, 594, 920, 977, 1364, 225, 2588, 2623, 499, 1583, 921, 2354, 831, 612, 769, 1151, 824, 1064, 2528, 1590, 1514, 1891, 774, 1611, 2472]. **Age** [2428]. **Age-0** [2574, 2464]. **Age-at-First-Capture** [1513]. **Age-Dependent** [920]. **Age-Structured** [1788, 1004, 34, 1467, 1513, 828, 1378, 824, 1514, 1891, 893]. **Ageing** [1699]. **Agent** [2095, 1841]. **Agents** [898, 250]. **Ages** [1243]. **Agglutinin** [1406]. **Agglutinins** [1576]. **Aggregating** [980, 2355]. **Aggregation** [1999].

**Aggregations** [2511]. **Aggregative** [1403]. **Aggression** [1842]. **Aggressive** [1459]. **Aging** [567]. **Aglantha** [200]. **Agnatha** [215]. **Agonistic** [1569, 2119]. **aguabonita** [897]. **Aid** [2358, 699]. **Aided** [2201]. **Aiming** [1856]. **Air** [1998]. **Air-Breathing** [1998]. **AI** [2506]. **ALA** [1136]. **ALA-D** [1136]. **alalunga** [2461, 1440]. **Alaska** [1825, 1335, 580, 1051, 2194, 142, 159, 1560, 2431, 501, 444, 2471, 1153, 582, 2195, 270, 396, 889, 2564, 1446, 1035, 2528, 2612]. **Alaskan** [1349, 2201, 1910, 1311, 1814, 1692]. **alaskensis** [476]. **alba** [1810]. **albacares** [1722]. **Albacore** [2461, 1440]. **Alberta** [187, 1808, 1117, 2363, 2478, 2479, 1975, 2160]. **albula** [1702]. **Aldosterone** [1627]. **Alevin** [1282]. **Alevins** [133, 1987, 733, 544, 1283, 935, 390]. **Alewife** [1607, 1447, 728, 2550, 167, 362, 1667]. **Alewives** [23, 1485]. **Alga** [1835, 1082, 1957, 1469, 1211, 1965]. **Algae** [895, 592, 32, 2510, 2123, 1164, 63, 1342, 578, 1890, 315, 1127, 1, 431, 596, 1518, 1975, 2158, 2578, 1176, 311, 589, 743]. **Algal** [150, 55, 1635, 1542, 1730, 2319, 857, 1214, 2331, 429, 1643, 1646, 2527, 2390, 1551, 474, 1237, 2016, 1434, 2587, 1809, 409, 917]. **Algorithms** [546]. **alimentaire** [1621, 2306, 265]. **Alimentary** [1291]. **alimentation** [1621]. **Alkaline** [1542, 1297, 1381, 2075, 474]. **Alkalinity** [1340, 2594, 2336, 1688, 2562, 1106, 2419, 2460]. **Allele** [2058, 1637]. **Allelic** [489, 513]. **Allocaemia** [1727]. **Allocation** [1366, 395, 394, 1512, 1355, 914]. **Allochthonous** [1197]. **Allochthony** [309]. **Allometric** [624, 2128, 2600, 2418]. **Allometry** [2600]. **Allopatric** [719, 2246, 512]. **Allotting** [804]. **Allowing** [1522]. **Allozyme** [2058, 2608]. **Along** [584, 780, 1547, 2605, 959, 942, 2614, 292]. **Alosa** [2535, 952, 1159, 1452, 1451, 1558, 395, 394, 1607, 1447, 728, 23, 745, 1485, 2550, 167, 362, 1667, 1579]. **alosoidea** [2458]. **alpinus** [2474, 1703, 2146, 2451, 661, 2439, 320, 2448, 1863, 2183, 712, 2273, 291, 2271, 912, 1623]. **Alsek** [281]. **Alta** [1729]. **Alteration** [468, 938, 1018]. **Alterations** [2183, 642]. **Altered** [2125, 2014, 79]. **Alternative** [209, 2004, 2198, 1848, 1593, 1531, 1927, 377, 2167]. **Alters** [1508, 573]. **Aluminum** [2277, 1661, 1439, 2013, 1987, 1464, 1105, 1529, 2281, 2283, 2284, 1487, 1494, 1532, 148, 2168, 1751, 2285, 1956, 2282, 2278, 2279, 2280]. **Aluminum-Contaminated** [1751]. **alutus** [2101]. **Ambient** [156, 1670, 2607, 1679, 1235]. **Ambystoma** [2013, 2174]. **Amelioration** [1010]. **America** [2494, 744, 539, 2616, 1931, 475, 1885, 1956, 1637, 1345]. **American** [1290, 1271, 1779, 1680, 2370, 620, 233, 364, 2535, 1292, 946, 978, 1276, 1597, 2582, 2456, 1990, 952, 1159, 1452, 1451, 1558, 1269, 1179, 1784, 126, 1768, 1758, 2244, 1791, 395, 394, 672, 780, 1662, 101, 1700, 1580, 1660, 1959, 617, 1579, 2561, 658, 2189, 2188, 846, 648, 1785, 966, 1289, 1488, 1291, 1782, 466]. **americana** [1312, 369, 629]. **americanus** [1290, 1271, 1779, 1681, 1680, 2370, 620, 1781, 1955, 1292, 946, 978, 1276, 1597, 1771, 1770, 2582, 2055, 1990, 2013, 1005, 324, 1179, 1294, 1784, 124,

1768, 1758, 1113, 1791, 865, 1174, 2069, 672, 780, 2141, 1662, 1767, 2047, 2196, 572, 591, 2434, 2558, 1293, 1959, 617, 1862, 2561, 870, 2189, 2188, 846, 2322, 1772, 648, 1778, 1785, 1425, 1967, 1289, 1488, 1782, 430, 466]. **Amictic** [10]. **Amino** [9, 307, 1573, 995, 2332]. **Aminocarb** [2125]. **Aminolevulinic** [1136]. **Aminonaphthylamidase** [13]. **Ammocoete** [214]. **Ammocoetes** [1191, 723, 226, 208, 1590]. **Ammodytes** [2595, 397, 812, 2152]. **Ammonia** [106, 614, 1662, 1111, 788, 175, 428, 429, 181, 2606, 419, 436, 2449]. **Ammonia-Caused** [788]. **Ammonium** [2056, 564]. **Amnicola** [2460]. **Among** [2175, 2413, 2414, 2547, 1542, 508, 1341, 1266, 787, 2043, 350, 1512, 1656, 268, 2243, 1495, 1496, 1279, 2104, 1254, 2500, 1141, 514, 1910, 2337, 2373, 566, 291, 1807, 1909, 2503, 2379, 2382, 2555, 2203, 1034]. **Among-Population** [2413, 2414, 2547]. **Amount** [2462]. **Amphibian** [1439]. **Amphibians** [231]. **Amphipod** [2568, 438, 1999, 1875, 2166, 797, 1539, 2545, 2167]. **Amphipoda** [426, 2311, 1951, 1950, 1, 1463, 2293, 2567]. **Ampoule** [1846]. **anadromes** [714]. **Anadromous** [2182, 233, 2407, 2474, 1866, 1584, 1887, 2097, 2146, 2371, 847, 320, 1316, 654, 1416, 1288, 1503, 19, 498, 2404, 714]. **Anaerobic** [156, 2406]. **Analog** [2375, 1977]. **Analogues** [762, 2054]. **Analyses** [1898, 2422, 2425, 1122, 409]. **Analysing** [1583]. **Analysis** [923, 1668, 2415, 1520, 1137, 316, 1654, 603, 2161, 2065, 313, 2575, 95, 94, 2055, 2559, 1366, 366, 690, 2433, 1350, 2563, 1741, 1726, 2358, 376, 893, 1969, 1857, 876, 1847, 2138, 1188, 2102, 2434, 1720, 1493, 1112, 1988, 1070, 721, 1178, 1500, 57, 1961, 1105, 2614, 62, 2526, 1800, 2025, 1603, 1926, 1039, 925, 1455, 1921, 2209, 1578, 1429, 2505, 2579, 2154, 184, 1932, 424, 924, 1568, 1802, 1392, 1916, 12, 172, 1124, 1303, 2377, 602, 1938, 2293, 824, 1869, 2350, 595, 2557, 1252, 1353, 369, 629, 830, 1970, 812, 1664, 1922, 2613, 2089]. **Analytab** [752]. **Analytical** [769]. **Analyzing** [174, 680, 1858, 1522]. **Anaplopoma** [2108]. **anatomy** [881]. **Ancestry** [987]. **Anchovy** [2093]. **and/or** [1894]. **Anesthesia** [997]. **Angiosperm** [2215]. **Angiosperms** [2032]. **Angled** [1538]. **Angler** [1531, 1816]. **Angling** [2617, 1006]. **Anguilla** [2456, 1269, 1307, 1700, 1415, 658, 1738]. **anguillarum** [1184, 430]. **anguille** [1307, 658]. **Animal** [619, 2412, 145, 1245]. **Animals** [737]. **Anion** [2432, 340]. **Anion-Exchange** [2432]. **Anisakidae** [1666]. **Anisakis** [1666]. **Anisogammaridae** [1463]. **Ankistrodesmus** [1082, 1211]. **Anne** [187, 2479]. **Annelida** [36, 157]. **Anniversary** [1041]. **Announcements** [302, 355, 385, 403, 732, 810, 991]. **Announcements/Avis** [302, 355, 385, 403, 732, 810, 991]. **Annual** [527, 66, 1174, 986, 2530, 742, 815, 1581, 68, 321, 966, 2427, 1991, 2619]. **annularis** [1736]. **Annuli** [918]. **Annulus** [1471]. **Anoplopoma** [562, 1000, 1617, 659]. **Anoxic** [1049, 1104, 1570, 2145]. **Antarctic** [2624, 875]. **Antennal** [1482]. **Anthracene** [797]. **Anthropogenic** [1726, 829, 1221, 2242]. **Anthropogenically** [1951, 1120]. **Antibacterial** [1066]. **Antibody** [92, 1844, 1967]. **Antifreeze** [1113, 2133, 1630]. **Antigen** [1841]. **Antigens** [551]. **Antimicrobial** [2495]. **Antimicrobial** [421]. **Any**

[7]. **Apatite** [80]. **Aperture** [409]. **Apex** [1722]. **API** [752]. **API-20E** [752]. **Apicomplexa** [1983]. **Appalachian** [2318, 78, 332]. **Apparatus** [1976, 663]. **Apparent** [1338, 1505, 2324]. **Appetite** [2232]. **Application** [11, 592, 1723, 998, 621, 1607, 1831, 1961, 2310, 345, 500, 279, 2505, 1510, 2349, 844, 1769, 2028, 595, 2130, 1922]. **Applications** [495, 1212, 536, 1265, 2475, 1515]. **Applied** [2585, 2559, 730, 1921, 2154, 38, 1167]. **Appraisal** [2000]. **Approach** [2050, 1839, 1558, 2526, 345, 805, 2604, 135, 1653, 172, 1003, 1124, 1006, 381, 2493, 1941, 1669, 663]. **Approaches** [2422]. **Appropriate** [1378]. **Approximations** [2514, 1800]. **Aquacultural** [1486]. **Aquaculture** [2274, 539, 2307]. **Aquatic** [1497, 951, 1075, 2262, 2321, 557, 1336, 2021, 2409, 737, 2469, 1480, 1737, 231, 332, 2190, 643, 27, 1420, 407, 1613, 2536, 1904, 98, 2029, 2030, 1014, 149, 412, 326, 1058]. **Aqueous** [2498, 458, 1105]. **arc** [1749, 265]. **arc-en-ciel** [1749, 265]. **Arches** [1663]. **Archipelago** [75]. **Archoplites** [548]. **Arctic** [2474, 1470, 1703, 1074, 1349, 580, 2146, 1051, 2112, 2201, 2451, 28, 911, 569, 1677, 1311, 1814, 661, 2439, 320, 2448, 878, 1863, 2183, 712, 2273, 1393, 291, 396, 2617, 1897, 889, 2271, 912, 1623, 588, 1333, 1725, 2549, 1314, 1176, 1348, 1649]. **arcticus** [2112, 1897, 588]. **Area** [603, 1399, 1887, 67, 584, 1382, 2192, 59, 289, 190, 561, 2025, 448, 2316, 2330, 1565, 48, 1358, 1196, 178, 1370, 66, 1262, 1089, 42, 56]. **Areal** [2517]. **Areas** [1335, 2437, 1407, 1024, 1463, 1828, 1448]. **arenaceodontata** [36, 157]. **arenaria** [336]. **argent** [2306]. **Argopecten** [2024]. **argus** [1775, 1777, 1760, 1774]. **Aroclor** [1521, 1894]. **Aromatic** [2322]. **Aromatics** [391]. **Array** [2003]. **Arsenate** [2304, 2303]. **Arsenic** [895, 55, 778, 1586, 359]. **artedii** [1436, 1732, 2373, 1602, 654, 1392, 1916, 602, 2546]. **Artemia** [1425]. **Articles** [1629]. **Artifact** [2098]. **Artifacts** [2447]. **Artificial** [344, 1634, 2302, 501, 470, 49]. **Artificially** [2454, 897, 1488]. **Asbestos** [1508]. **Aschers** [744]. **Ascorbic** [2596, 22, 1293]. **Ash** [1186, 1121]. **Asia** [537]. **Asiatic** [1508]. **Aspects** [1290, 672, 519, 1199, 2225]. **Assay** [1847, 1708, 1841, 149, 1400, 1967, 21]. **Assemblage** [2318, 2034]. **Assemblages** [2482, 1557, 2563, 2025, 2197, 2527, 2363, 2016, 1686, 1524]. **Assess** [2536, 2209, 1400, 750]. **Assessed** [105]. **Assessing** [1254, 1715, 345, 1418, 522]. **Assessment** [1789, 74, 2255, 860, 1868, 1100, 444, 1966, 1952, 539, 1148, 262, 123, 1615, 1201, 368, 2419, 1359, 2150, 608, 379]. **Assigned** [2477]. **Assimilation** [2078, 2077, 569, 2007, 945, 2176, 757]. **Associated** [1205, 527, 657, 1411, 2151, 601, 1867, 953, 305, 195, 1213, 1050]. **Associates** [541]. **Association** [1290, 1384, 1, 1572]. **Associations** [455, 1034, 743, 851]. **Assuming** [556]. **Assumption** [769]. **Assumptions** [1789, 1023]. **Astro** [1379]. **Astro-turf** [1379]. **Atlantic** [376, 2310, 283, 177, 1187, 1538, 1584, 1037, 2247, 848, 1854, 2161, 558, 1820, 2050, 94, 1557, 1367, 724, 1973, 1563, 6, 677, 762, 2341, 2538, 839, 1310, 133,

719, 1453, 1107, 1317, 2092, 2133, 2441, 2454, 2131, 1143, 2461, 2248, 859, 1379, 2405, 780, 1108, 1746, 1060, 1729, 2193, 2291, 2439, 2208, 1592, 343, 1945, 799, 567, 1622, 2448, 446, 1902, 1322, 776, 2200, 1598, 190, 699, 740, 975, 1228, 1821, 1845, 2470, 1344, 1283, 1994, 2601, 1327, 2132, 639, 1517, 109, 617, 1435, 1316, 1992, 1489, 1666, 1983, 969, 1921, 2159, 585, 1832, 2367].

**Atlantic** [2368, 1444, 727, 399, 1181, 1656, 1180, 2590, 2465, 747, 1232, 1078, 268, 1429, 2064, 2197, 1859, 103, 853, 1140, 2015, 496, 1364, 2623, 1278, 274, 1619, 328, 329, 843, 1072, 1932, 871, 1568, 2236, 2591, 1735, 1418, 1057, 1503, 1816, 497, 890, 1326, 2099, 921, 1123, 1163, 2354, 195, 1694, 563, 1139, 1358, 1359, 581, 2149, 1151, 25, 494, 2199, 1637, 2290, 1241, 2404, 2113, 1321, 818, 466, 1026, 271, 2449, 2426, 390, 2569, 1923, 2152]. **atlantiques** [1327].

**Atmosphere** [2235, 2236]. **Atmospheric** [1671, 856, 2313, 1391]. **Atomic** [2498]. **ATP** [1214]. **ATPase** [2258, 76, 1919, 1992]. **atratulus** [1055].

**Atrazine** [1739]. **atromaculatus** [1055]. **Attached** [32, 746]. **Attaching** [1312]. **Attachment** [1279]. **Attack** [1459, 240]. **Attacked** [1596].

**Attacking** [1032]. **Attained** [84]. **Attempts** [133]. **Attenuation** [2215, 1460]. **Attraction** [2330]. **Atypical** [268]. **auratus** [2358, 1240, 445, 767]. **aurea** [1230, 2173]. **auritus** [2523]. **Australian** [2358]. **Autocorrelated** [2581]. **Automated** [614]. **Automatic** [543]. **automatique** [543]. **Autoradiography** [57]. **Autotrophic** [1803, 1964]. **autour** [1767]. **Autumn** [2477, 1072]. **Autumn-Spawning** [2477].

**Autumnal** [843]. **autumnalis** [2201]. **Auxiliary** [1350]. **Availability** [678, 2262, 1417, 1849, 2359, 199, 1104, 1391, 83]. **Available** [1372, 1389, 2432, 2525, 2588]. **Avant** [43]. **Avant-propos** [43]. **Average** [317, 499, 774]. **Averaging** [174]. **Aversion** [689]. **Avirulent** [551]. **Avis** [302, 355, 385, 403, 732, 810, 991]. **Avoidance** [542, 868, 2417, 601, 1002, 391, 392]. **Avoiding** [2344]. **ayresi** [232, 1882].

**azteca** [1951, 1950, 1875, 797, 1539, 2293].

**B** [1847, 850]. **B.C** [764, 1472]. **Babine** [1023, 861, 1625, 644, 1903].

**Bacillus** [1709, 2577]. **Back** [2584]. **Back-Calculated** [2584]. **Background** [1318, 1566, 48]. **Backscattering** [1886, 1438]. **Backward** [546]. **Bacteria** [2554, 2467, 746, 995, 1544, 195, 194]. **Bacterial** [1134, 1542, 1659, 2134, 350, 363, 1201, 1841, 1400, 2587]. **Bacterioplankton** [1690]. **Baffin** [682, 1019]. **bairdi** [708, 308]. **Baited** [584, 2540]. **Balaena** [1074]. **Balaenoptera** [1517]. **Balance** [2277, 1222]. **Balances** [1883].

**Balanus** [888]. **balteatus** [2011]. **balthica** [911, 432]. **Bank** [1429, 2252, 2426, 1820, 1861, 656, 2141, 673, 404, 1594, 2424, 397, 812].

**Banks** [2310, 1]. **Barrage** [1801]. **Barriers** [253]. **Barrow** [1399]. **Base** [2392, 261, 203, 1510, 1414, 1628, 2278]. **Based** [1953, 2429, 603, 1458, 1362, 1306, 1868, 2192, 1662, 960, 2580, 785, 321, 645, 2489, 1753, 2444, 2445, 1006, 850, 1886, 2425, 912]. **basée** [1307]. **Baseline** [815]. **Bases** [2295]. **Basin** [626, 333, 1852, 309, 2042, 492, 909, 515, 1566].

**Basis** [2456, 485, 328, 2576]. **Basket** [416]. **Bass**

[2486, 1004, 1609, 388, 1648, 1184, 1172, 2408, 1230, 506, 2366, 19, 2610, 1596].  
**Batch** [869, 1257, 1585]. **Bathylagid** [1387]. **bathymetric** [1267].  
**bathymétrique** [1267]. **batrachus** [411]. **Bay**  
[1098, 2194, 672, 1620, 1447, 2204, 2166, 776, 236, 582, 1693, 815, 1581, 1745,  
1035, 372, 237, 269, 746, 946, 1770, 682, 909, 1371, 1395, 622, 161, 1019, 568,  
471, 2320, 245, 654, 2446, 1238, 1421, 2377, 1745, 840, 1343, 1313, 679, 1801].  
**Bayer** [628, 1831]. **Bayesian** [2194]. **Bays** [288, 143]. **Be** [2200, 2519].  
**Beach** [1974]. **Beak** [35]. **Beaked** [925, 1455, 404, 747]. **Beam**  
[1723, 2238, 2052, 2237, 2270]. **Bear** [281]. **Bearing** [1730]. **Bearings** [2425].  
**Beaufort** [580]. **Bed** [196, 1046, 2211, 613, 1389, 669]. **Bedrock** [2587, 899].  
**Beds** [2184]. **Beef** [335]. **Been** [7]. **Before** [1690, 817, 1088, 1087].  
**Behavior** [1242, 620, 2108, 1422, 1866, 980, 346, 510, 1025, 558, 1005, 529,  
719, 811, 597, 288, 868, 1794, 745, 705, 1959, 200, 211, 763, 1489, 2347, 1312,  
1483, 648, 735, 2599, 590, 1069, 1769, 2531, 750, 1569, 2119, 19, 936, 325].  
**Behavioral** [1453, 1055, 1746, 487, 1863, 2183, 566]. **Behaviour**  
[1717, 1976, 2341, 1634, 2551, 1984, 2296, 2545]. **Behavioural** [2558]. **below**  
[2113]. **Beluga** [2020, 2539, 2450]. **Belugas** [1333]. **Benefit** [366, 1024, 1498].  
**Benefits** [259]. **Benthic** [1456, 725, 2123, 2353, 934, 1263, 2118, 1659, 127,  
1389, 1390, 417, 792, 469, 2297, 2124, 1430, 2132, 1693, 552, 858, 1, 1200, 1198,  
1646, 2527, 453, 840, 1216, 1801, 2426]. **Benthos** [982, 884, 1437, 1587, 427].  
**Benzene** [97]. **Benzo** [278]. **Bering** [2059, 142, 444, 1954, 308, 987, 376].  
**Berried** [1770]. **Bertalanffy** [2300, 915, 121, 1706, 1593, 16, 31]. **Better**  
[892]. **Between** [725, 1445, 2126, 1764, 2110, 1366, 823, 67, 764, 450, 1389,  
2018, 1702, 1672, 1822, 782, 1474, 349, 112, 1416, 183, 644, 1238, 1, 2011, 1778,  
329, 965, 1728, 2293, 1215, 466, 2240, 702, 1370, 1790, 1866, 2328, 1134, 1260,  
714, 2456, 1973, 464, 1610, 2563, 1856, 2351, 1125, 2081, 2525, 261, 362, 2214,  
2503, 1983, 870, 2406, 1421, 1330, 2531, 1196, 1013, 2270, 1028, 1604, 415].  
**Beverton** [1069]. **Bias** [2156, 434, 2110, 2462, 2111, 163, 162, 1264]. **Biased**  
[1243, 2584]. **bicolor** [1381]. **Biennial** [2471]. **bifasciatum** [1652]. **Bight**  
[656]. **Biliary** [1919]. **bilinearis** [202, 866, 2574]. **Binary** [2167]. **Binational**  
[1941]. **Binding** [2244]. **Bio** [2520]. **Bio-Socio-Economic** [2520].  
**Bioaccumulation**  
[2459, 624, 1464, 922, 290, 1011, 1014, 1425, 1012, 1965, 1525]. **Bioassay**  
[1892, 312]. **Bioassays** [423]. **Bioavailability** [2118, 1136]. **Biochemical**  
[1305, 1431, 2026, 1820, 376, 2371, 892, 865, 142, 159, 1118, 1143, 2216, 1863,  
805, 2035, 641]. **Biochemistry** [1830]. **Bioconcentration** [578, 1201].  
**Bioconversion** [1425]. **Bioeconomic** [1366, 876]. **Bioenergefics** [1254].  
**Bioenergetic** [2489, 1785, 1058]. **Bioenergetics**  
[1520, 1866, 2585, 258, 1722, 129]. **Biogenic** [1421]. **Biogeochemical**  
[1553, 2242]. **Biogeographic** [1515]. **Biological**  
[2429, 91, 465, 847, 618, 882, 228, 1071, 975, 1017, 1489, 2295, 1041, 913, 798,  
1104, 1438, 111, 1927, 1486, 949, 750, 1869, 178, 498, 2576, 83, 812, 2612].  
**Biologically** [2432, 1124]. **Biology**  
[1290, 1466, 1534, 1851, 232, 233, 220, 1387, 1761, 1047]. **Bioluminescence**



[1400]. **Biomass** [72, 165, 983, 2517, 2321, 2593, 1336, 759, 1419, 2211, 1480, 1737, 2032, 1905, 1659, 957, 1250, 559, 1068, 440, 568, 1889, 447, 1295, 365, 349, 427, 1555, 1144, 2088, 2082, 1740, 768, 1934, 2259, 972, 1518, 2016, 1330, 1975, 1935, 2203, 1599]. **Biomonitoring** [2513]. **BIONESS** [93]. **Biota** [801, 1332, 1497, 27]. **Biotic** [1451, 1875, 1150, 2295, 2150, 406]. **Biotransformation** [797, 1749]. **Biphenyl** [913]. **Biphenyls** [1481]. **Birth** [317]. **Bisazir** [458]. **Bivalve** [2554, 278, 2586, 704, 432]. **Bivalves** [1810]. **Bivalvia** [612, 1567]. **Bivariate** [2600]. **Black** [2522, 2176, 2294, 2577]. **Blackflies** [2338]. **Blackfly** [1709, 1655]. **Blackman** [737]. **Blacknose** [1055]. **Blackwater** [1659, 1993]. **Blade** [1250]. **Blanc** [1490]. **Bleached** [2272, 386]. **Bloater** [1872]. **Blood** [2253, 1902, 699, 997, 813, 214, 2292, 1695, 1414, 553, 2278, 2279, 2280]. **Bloom** [150, 1043, 1044, 1432, 1469]. **Bloom-Forming** [1469]. **Blooms** [2319, 2331, 1551]. **Blossom** [1035]. **Blubber** [1912, 2212]. **Blue** [2510, 1029, 2319, 63, 2471, 2331, 2009, 2501, 1890, 429, 1518, 61, 1975, 743]. **Blue-Green** [2510, 2319, 63, 2331, 1518, 743, 429, 1975]. **Blueback** [745, 1485, 2550, 362]. **Bluefin** [1364]. **Bluegill** [779, 2014, 1648, 745, 2094, 2599, 276]. **Boats** [1192]. **Bodies** [2473]. **Body** [646, 1286, 1851, 2429, 1141, 901, 1154, 2267, 2458, 1609, 2232, 764, 2234, 1268, 566, 2402, 1900, 1517, 1666, 2464, 2588, 328, 432, 1225, 1495, 1032, 1596, 1644, 702, 1864]. **Body-Lead** [764]. **Bog** [1956]. **Bone** [693, 2410]. **Bongo** [77]. **Book** [18, 40, 100, 119, 137, 154, 189, 286, 338, 354, 384, 402, 425, 443, 461, 555, 575, 616, 632, 649, 667, 684, 701, 753, 771, 790, 809, 842, 863, 886, 907, 931, 967, 990, 1016, 1042, 1061, 1115, 1132, 1149, 1170, 1189, 1207, 1227, 1273, 1300, 1328, 1377, 1398, 1413, 1427, 1442, 1479, 1502, 1533, 1561, 1591, 1616, 1641, 1665, 1685, 1712]. **Bootstrap** [2209]. **Boreal** [1098, 2357, 277, 749]. **borealis** [1778]. **Boreogadus** [580]. **Boron** [293]. **both** [915]. **Bothnian** [236, 237]. **Bottlenose** [1275, 927, 928, 1304, 1627]. **Bottom** [1691, 145, 1566, 1011, 651, 640]. **Boundary** [1390, 1216]. **Bounds** [1513, 756]. **Bovine** [1269, 2375]. **Bowhead** [1074]. **Box** [750, 1940]. **Boxes** [926]. **Brachionus** [97, 10]. **Brachydanio** [1978]. **Brachyura** [1572]. **Brackish** [1873]. **Brain** [529, 215, 186]. **brama** [1415]. **Branchial** [2440]. **Break** [433]. **Breakdown** [1092]. **Bream** [1415]. **Breathing** [1998]. **Breeding** [147, 2005, 1325]. **Breton** [2062]. **breviturrta** [1906]. **Brevoortia** [1418]. **Briefly** [2183]. **Bristol** [2194, 582, 1238]. **Britain** [494]. **British** [1953, 947, 1305, 1431, 1466, 1286, 1534, 861, 1141, 1263, 618, 339, 1852, 2151, 2530, 800, 883, 1674, 880, 1387, 867, 1536, 2257, 1145, 2438, 2556, 1463, 2383, 1657, 817, 1604, 2584, 1917, 1903, 623, 2162, 370, 1851, 2026, 1048, 288, 1690, 606, 1253, 1287, 2400, 2616, 1837, 191, 852, 1705, 422, 500, 451, 1578, 1190, 1964, 71, 1238, 1446, 2532, 723, 1001, 831, 972, 2349, 2205, 1330, 1495, 1496, 1933, 1374, 2612]. **Brood** [1783]. **Broods** [1930]. **Broodstocks** [2337]. **Brook** [646, 310, 2276, 2277, 551, 726, 1744, 2356, 2396, 450, 1709, 502, 1119, 2234, 2389, 2299, 1984, 1499, 2214, 1316, 2281, 1924, 948, 2283, 2284, 181, 1235, 1523, 1057, 2391, 2395, 1751, 1537, 1754, 1893, 2233, 1947,

2285, 2282, 504, 390, 2278, 2279, 2280]. **Brown** [128, 1744, 450, 1614, 640, 1822, 2230, 2302, 567, 2448, 566, 2379, 2489, 8, 2035, 2243, 1241]. **Browns** [2141, 2424, 2252, 2426]. **Brownwater** [1883]. **Brunswick** [2430, 1693, 1581]. **Bubble** [2060, 2362]. **Buccinum** [2330]. **Bucket** [2469]. **Budget** [60, 937, 28, 1086]. **Budgets** [441, 1971, 1748, 577, 2419]. **Buffer** [1692, 140]. **Buffered** [1164, 1434]. **Bufo** [2013]. **Bulk** [995]. **Bulk-Stored** [995]. **Bullhead** [566]. **Buoyancy** [84, 1327, 1327]. **Buoys** [127]. **Burdens** [829, 2412, 2402]. **Burrowing** [2412]. **Burst** [1208, 1496]. **Butyltin** [2459, 1082].

**C** [151, 342, 652, 97, 1129, 2378, 1919, 2202, 1632, 707, 2113]. **C**. [1436, 708, 1602, 654, 308]. **côte** [870]. **côtiers** [2225]. **CaCO** [2387]. **Caddisflies** [687, 742]. **Caddisfly** [1826]. **Cadmium** [2229, 1601, 2403, 1990, 1689, 775, 829, 1222, 2219, 1240, 54, 448, 922, 410, 1679, 2120, 1481, 2293, 1828, 1718, 56, 478]. **Cadmium-Stressed** [54]. **Cage** [591, 1199]. **Caging** [145]. **Calanoid** [900, 1618, 2221]. **Calanoida** [901, 1154, 1811, 325]. **calanoides** [1154, 1811]. **Calanus** [299, 2063]. **Calcareous** [1590]. **Calcite** [2397, 2394, 2051, 2393]. **Calcium** [2386, 2594, 2392, 28, 1268, 50, 2283, 2284, 1235, 2033]. **Calculated** [983, 2001, 1039, 2584]. **Calculating** [1608]. **Calculation** [1476]. **Calculations** [937]. **Calculator** [351]. **California** [89, 2104, 802, 1025, 1788, 1362, 1605, 1961, 279, 668, 420, 1765, 784, 917]. **Calipers** [351]. **Callorhinus** [2534, 2533, 774]. **Cambarus** [1752]. **Campbell** [1674, 1963, 738]. **camtschatica** [2471]. **Can** [1079, 147, 927, 2421, 2200, 2519, 2614]. **Canada** [2297, 2103, 1277, 2507, 232, 625, 2108, 1093, 793, 1771, 1557, 1898, 1719, 1051, 1206, 2373, 713, 1283, 2132, 1000, 1387, 396, 1808, 1911, 758, 2623, 723, 1117, 2578, 1448]. **canadense** [711, 1261]. **Canadian** [569, 978, 2201, 64, 2323, 507, 1071, 75, 1410, 1393, 62, 1549, 5, 1921, 1041, 2590, 1932, 122, 497, 1333, 840, 1725, 2149, 2549, 1448, 587, 1599]. **Canal** [814, 1636]. **Cancer** [802, 1025, 1788, 1362, 613, 591, 1605, 279, 668, 2561, 1578, 1778, 1244, 2556, 2555]. **Cannibalism** [2059, 1575]. **Cannulation** [1078, 2280]. **Canola** [795, 1645]. **Canonical** [2563]. **Canopy** [887]. **Cap** [1146, 1490]. **Capacities** [2087]. **Capacity** [1436, 2184, 1306, 698, 905, 2292]. **Cape** [1801, 1490, 2062, 2595, 1761]. **capelan** [677, 1621]. **Capelin** [94, 2572, 1974, 465, 314, 657, 621, 919, 1174, 995, 1209, 1157, 323, 1368, 677, 1621]. **capitata** [545]. **Capitella** [545]. **capricornutum** [1297]. **Captive** [2450, 590]. **Captivity** [2592]. **Capture** [2592, 1614, 1513, 1101]. **Captured** [1776, 343]. **Capturing** [351, 548]. **Carassius** [1240, 445, 767]. **Carbohydrases** [361]. **Carbohydrate** [2129, 1020, 1589, 1372, 2076, 1893]. **Carbon** [60, 2575, 2078, 2077, 295, 1461, 717, 2357, 1323, 2178, 704, 1126, 945, 2352, 2362, 1846, 749, 1658, 98, 1035, 1348, 1649]. **Carbon-12** [98]. **Carbon-13** [98]. **Carbon-13/Carbon-12** [98]. **Carbonate** [2386, 2392]. **Carcasses** [1396, 2524]. **Carcharhinid** [2134]. **Carcharhinus** [1367].

**Carcinus** [2033]. **Cardiac** [2367]. **Carlo** [2111, 164]. **Carnation** [1263, 606, 1852, 2151, 2530, 1145, 2438, 817]. **Carnitines** [2473]. **Carnivorous** [2221]. **Carolina** [128]. **Carotenoid** [1385]. **Carotenoids** [845]. **Carp** [2274, 670, 1576, 382, 2005]. **carpio** [2274, 670, 1576, 382]. **Carrying** [905]. **Cascade** [2315, 304]. **Cascading** [1410]. **Case** [1650, 2467, 737, 2274, 2040]. **Casein** [1662]. **Casein-** [1662]. **castelnaui** [2557]. **Castle** [89, 784]. **Catalytic** [1967]. **Catch** [1538, 1350, 1856, 680, 273, 2299, 1247, 1485, 1605, 721, 2526, 1378, 2369, 2172, 637, 1424, 1522, 1932, 924, 2236, 2483, 1303, 546, 280, 2555, 1024]. **Catch-Age** [1350]. **Catch-Per-Unit-Effort** [637, 1424, 1538]. **Catch/Effort** [924]. **Catchability** [202, 1452, 2561, 1370]. **Catches** [336, 2050, 1380, 2434, 794, 1937, 1763, 496, 1057]. **Catching** [1253, 1522]. **Catchment** [1363]. **Catchments** [1105]. **Categorical** [1802]. **Catfish** [1110, 2105, 2499, 1998, 115, 2381, 652, 615, 997, 1926, 788, 411, 421, 1230, 1507, 436]. **Cation** [2338, 1082, 1491, 162]. **Cation-Exchange** [162]. **Cations** [1140, 2167]. **catodon** [283]. **Catostomidae** [1136]. **Catostomus** [1601, 775, 693, 2410, 1849, 203, 2250, 2536, 1936]. **Caught** [1614, 1435, 2465]. **caurinus** [1837, 2241]. **Causal** [2095]. **Causative** [1841]. **Cause** [1406, 1160, 1907, 422, 1280, 185, 2614]. **Caused** [2156, 1946, 788, 972, 271]. **Causes** [1452, 1519, 2010, 1218, 111]. **Causing** [268]. **Cave** [1700]. **Cave-Spring** [1700]. **Cavity** [1666, 1943]. **Cayuga** [622]. **CCA** [2563]. **Cd** [203, 1103, 1899, 2167]. **Cedar** [185]. **Cell** [115, 1894, 1009, 2234, 139, 445, 727, 2539, 411, 1381, 431, 2031, 2034, 152]. **Cells** [1943, 2233]. **Cellular** [2517, 642, 531, 1284]. **Censored** [2485]. **Census** [1962, 1477]. **Central** [1961, 2010, 2248, 2018, 1966, 2313, 1105, 1221, 673, 2562, 941, 2460, 1813, 2293, 961]. **Centrarchidae** [2523]. **Centrarchids** [2191]. **Centrifugation** [353]. **Centrifuge** [266]. **Ceratium** [2224]. **Ceratomyxa** [941]. **Cereal** [950]. **cerebralis** [132, 422, 266, 647]. **Cerelose** [686]. **Certain** [417]. **certain** [2225]. **Cesium** [1722]. **Cestoda** [861]. **Cetacean** [2624]. **Cetaceans** [1969]. **Chain** [9, 1865, 1339]. **Chains** [326]. **chalcogramma** [623, 2059, 142, 188, 2416]. **Chamber** [596]. **Chameleons** [488]. **Change** [7, 1618, 438, 289, 1420, 2312, 1532, 1099, 702]. **Changes** [2482, 2105, 1205, 1422, 1357, 1538, 357, 2267, 2484, 2458, 952, 1224, 2386, 2594, 1129, 76, 1880, 2014, 2392, 866, 1913, 1732, 1585, 228, 2102, 1259, 289, 1388, 1500, 1638, 62, 1329, 1838, 1840, 1992, 1528, 245, 227, 2368, 1881, 2446, 1578, 1200, 2305, 143, 247, 499, 1072, 1870, 8, 1827, 229, 1213, 972, 2606, 2450, 2285, 178, 1302, 311, 834]. **Changing** [483, 2172]. **Channel** [1110, 2105, 2499, 996, 115, 2381, 652, 615, 997, 1926, 788, 905, 411, 421, 1230, 1507, 2383, 436]. **Channelized** [1740]. **Channels** [821, 2302]. **Chaoborus** [2560, 2314]. **Char** [2474, 1703, 2246, 2439, 320, 2448, 2265, 1863, 2183, 291, 520, 2271, 912, 1623, 912]. **Characteristic** [453]. **Characteristics** [1110, 2592, 2211, 1310, 1063, 2410, 1087, 228, 512, 1743, 878, 75, 139, 752, 188, 1195, 1675, 997, 1316, 2408, 813, 2420, 2143, 749, 1647, 695, 496, 641, 2479, 1933, 194]. **Characterization** [1056, 898, 1733, 2190, 2463, 2083, 2310, 2605]. **Characters**

[603, 2161, 94, 847, 2373, 2043]. **Charge** [481, 599]. **Charr** [2473, 346, 2146, 2451, 661, 712, 2273, 2214]. **Chemical** [910, 1781, 533, 2387, 2118, 2421, 1150, 70, 2336, 1988, 2573, 982, 777, 528, 2025, 2408, 227, 2259, 111, 46, 2450, 1642, 669, 2306]. **Chemically** [1206]. **Chemicals** [1457, 2117, 849]. **Chemistry** [2486, 2253, 2386, 2392, 1052, 53, 1902, 1283, 813, 1577, 1391, 1642, 1383]. **Chemoreceptors** [2570]. **Chemosensory** [324]. **chez** [1267, 1525, 478, 1749, 1810, 265]. **chimique** [1307]. **chimiques** [2306]. **China** [538]. **Chinook** [2258, 1335, 1141, 1699, 1844, 796, 76, 1910, 1721, 2494, 1073, 733, 544, 1961, 1900, 1674, 2251, 2347, 703, 1360, 1142, 1282, 1569, 2119, 1611]. **Chionoecetes** [1716, 1267, 1310, 2335, 1954, 2062, 308]. **Chironomid** [161, 2573, 1423, 1302]. **Chironomidae** [792, 1407, 1034, 1093, 122, 1094, 1482, 2227, 2513, 2179, 2180]. **Chironomus** [161, 2402, 1482, 2227]. **Chlamydomonas** [869, 1257, 1585]. **Chloride** [1234, 1381, 162, 1588]. **Chlorinated** [1683, 1120]. **Chlorination** [386]. **Chlorination-Stage** [386]. **Chlorine** [1492, 542, 388, 1184, 2183, 788]. **Chloroform** [1251]. **Chloroguaiacol** [1201]. **Chlorophyceae** [869, 1257, 1297]. **Chlorophyll** [11, 1134, 1385, 313, 95, 1606, 344, 1075, 631, 1229, 782, 287, 2503, 1731, 1911, 1144, 2504, 758, 2202, 784, 1352, 1203, 1251]. **Chloroveratrole** [1201]. **Choice** [2230, 888, 1909]. **Chondrus** [2184, 2185, 1535]. **Chorion** [2015]. **Chromarod** [1904]. **Chromatographic** [628]. **Chromatography** [2498, 313, 940, 1474, 1172, 1904]. **Chromosome** [36]. **Chronic** [356, 1372, 1222, 22, 30, 1988, 290, 1537]. **Chronology** [1116, 2442]. **Chrysochromulina** [1906]. **Chrysophrys** [2358]. **Chrysophyceae** [2256]. **Chrysophycean** [2519, 2008]. **Chrysophyte** [2563]. **Chrysophytes** [2256]. **Chrysotile** [1508]. **Chub** [1055]. **Chukchi** [1158]. **Chum** [821, 996, 814, 1305, 1466, 1286, 1534, 1851, 2026, 2175, 2500, 1842, 1850, 1331, 1571, 653, 2530, 593, 1102, 781, 107, 2163, 938, 2438, 1194, 1028, 2275]. **Churchill** [1095, 1088, 1087, 1084]. **Cichlid** [877]. **Cichlids** [2173]. **ciel** [1749, 265]. **Ciliates** [671]. **Ciliophora** [2085]. **Circulation** [179, 2310, 2424, 1314]. **Circulatory** [1912]. **Circulus** [2000]. **Circumneutral** [2121, 1942, 1908]. **Cisco** [1436, 2201, 2373, 318, 654, 1392, 1916, 2546]. **Ciscoes** [513, 294]. **Cladocera** [1320, 636, 1064, 1864]. **Cladophora** [2088]. **Clam** [336, 28, 444]. **Clams** [1508, 1079, 2336, 854]. **Clarias** [1998, 411]. **Clarity** [2552, 266]. **clarki** [413, 1260, 1887, 1346, 2246, 1260, 1887, 1346, 2246, 1259, 2044, 2315, 451, 2334, 1454]. **Class** [128, 952, 1159, 2223, 1612, 1157, 2185, 19, 629, 369]. **Classes** [1702, 1904]. **Classification** [209, 951, 847, 2124, 240, 960, 404, 2164]. **Classifications** [2177]. **Clay** [648]. **Clean** [1828]. **Cleaning** [1083]. **Clear** [1985, 78, 304, 1692, 917]. **Clear-cut** [1985, 304, 1692]. **Clear-cutting** [78]. **Clearing** [929]. **Climate** [1821]. **Climates** [1622]. **Climatic** [1558, 2223, 1371, 1123]. **Cloned** [1733]. **Closed**

[2453, 1024]. **Closer** [2066]. **Clupea**  
 [729, 2053, 2430, 6, 677, 1621, 1118, 339, 2198, 1958, 1996, 2138, 2139, 776, 740,  
 1209, 2609, 1489, 1666, 1983, 2477, 1065, 585, 399, 1180, 2611, 2257, 1583, 1156,  
 706, 831, 563, 1139, 1358, 1359, 590, 2205, 1995, 1604, 2576, 138, 1026, 271].  
**clupeiformis** [1205, 1436, 1096, 511, 1097, 1732, 33, 933, 512, 105, 1266, 604,  
 1602, 68, 1262, 654, 1695, 256, 243]. **Clupeid** [1741]. **Cluster** [2209, 554].  
**Clutch** [204, 1864]. **Co** [2295, 2377, 1019, 2570, 1610]. **Co-distribution**  
 [2295]. **Co-occurrences** [2377]. **Coal** [1834, 757]. **Coal-Derived** [757].  
**Coarse** [1046, 2170]. **Coast** [232, 625, 780, 744, 1000, 2361, 466, 870, 2108,  
 1852, 713, 1966, 320, 2565, 2354, 1368]. **Coastal**  
 [196, 2272, 2333, 2104, 1260, 1873, 896, 2430, 580, 1552, 1719, 2218, 657, 1850,  
 1690, 606, 2457, 306, 1287, 2400, 2245, 155, 787, 191, 852, 1867, 2565, 1805, 451,  
 1964, 1823, 2048, 1001, 2591, 1827, 1728, 972, 1967, 1330, 2028, 1933, 1219, 881].  
**Cobalt** [2118]. **Cobalt-60** [2118]. **Cobequid** [372]. **Cod**  
 [1820, 2428, 580, 1051, 893, 1878, 2208, 2200, 190, 1474, 1821, 639, 2540, 617,  
 1921, 1444, 727, 274, 1619, 2236, 2591, 2427, 2199, 1604, 2130, 1448]. **Cods**  
 [1325]. **Coefficient** [1370]. **Coefficients** [69]. **Coelenterates** [14].  
**Coelomic** [1844]. **Coenagrionidae** [2019]. **Coenocline** [942]. **Coexistence**  
 [1366]. **Coexisting** [1541, 180]. **cognatus** [708, 1311]. **Cohabitants** [1448].  
**Coho** [1308, 1422, 872, 1985, 583, 342, 1396, 2524, 823, 2375, 1155, 2232,  
 2218, 1977, 2345, 1331, 1571, 606, 1742, 2151, 2530, 2245, 2491, 2265, 2616,  
 176, 2508, 1838, 391, 2548, 904, 1565, 1805, 2266, 1483, 891, 2505, 696, 695,  
 1208, 2181, 1870, 352, 1145, 2438, 1804, 2384, 611, 102, 2531, 2383, 1495, 1496,  
 2528, 817, 2054, 830, 1917, 335, 1038]. **Cohort** [2415, 1209, 1800]. **Cohorts**  
 [2557]. **Cold** [2498, 542, 567, 1622, 135, 1036]. **Cold-Water** [542, 1036, 135].  
**Coldwater** [2383]. **Coliform** [2554]. **Collapse** [1096, 2468, 1721]. **Collected**  
 [1485]. **Collecting** [2213, 2190]. **Collection** [2469, 806]. **Colloidal**  
 [807, 1059, 940]. **Colombia** [606, 2556, 1917]. **Colonization**  
 [741, 2215, 1217, 2032, 1048, 470, 125, 1587, 1166, 944]. **Colonized** [1408].  
**Colony** [2159]. **Coloured** [1945]. **Columbia**  
 [1387, 723, 1657, 1953, 947, 2162, 370, 1305, 1431, 1466, 1286, 1534, 1851,  
 2026, 861, 1141, 1263, 1048, 618, 288, 339, 1690, 1852, 1253, 2151, 2530, 1287,  
 2400, 800, 883, 2616, 1674, 880, 1837, 852, 1705, 422, 500, 451, 1578, 1190,  
 1964, 867, 71, 1238, 1446, 1536, 2532, 1001, 2257, 831, 1145, 2438, 972, 1463,  
 2349, 2205, 1330, 2383, 1495, 1496, 1933, 817, 1374, 1604, 2584, 1903, 2612].  
**Columbian** [623, 191]. **Column** [620, 1204, 1229, 2621, 1908].  
**Combinations** [47]. **Combined** [1957]. **Combining** [637]. **comme** [658].  
**comment** [2603]. **comment/lettre** [2603]. **commentaire** [2603].  
**commentaires**  
 [118, 170, 301, 337, 383, 460, 574, 598, 666, 683, 716, 731, 789, 808, 827, 906, 930,  
 1015, 1114, 1131, 1169, 1246, 1272, 1299, 1397, 1412, 1640, 1684, 1711, 1755,  
 1817, 1876, 1901, 1949, 2023, 2041, 2136, 2268, 2309, 2374, 2443, 2490, 136].  
**Commentary** [1148]. **Comments** [209, 1051, 2143, 1375, 118, 170, 301, 337,  
 383, 460, 574, 598, 666, 683, 716, 731, 789, 808, 827, 906, 930, 1015, 1114,

1131, 1169, 1246, 1272, 1299, 1397, 1412, 1640, 1684, 1711, 1755, 1817, 1876, 1901, 1949, 2023, 2041, 2136, 2268, 2309, 2374, 2443, 2490, 136].

**comments/Lettres**  
[118, 170, 301, 337, 383, 460, 574, 598, 666, 683, 716, 731, 789, 808, 827, 906, 930, 1015, 1114, 1131, 1169, 1246, 1272, 1299, 1397, 1412, 1640, 1684, 1711, 1755, 1817, 1876, 1901, 1949, 2023, 2041, 2136, 2268, 2309, 2374, 2443, 2490, 136].

**Commercial** [2127, 144, 273, 819, 1926, 1763, 1099, 185]. **Commercially** [1783]. **commersoni** [1601, 775, 693, 2410, 1849, 203, 2250, 2536, 1936].

**Commission** [206]. **Common** [14, 2274, 670, 25, 1403, 1929, 1930].

**Commonly** [2600]. **communauté** [677]. **communautés** [899].

**Communication** [1781, 528, 254]. **Communities**  
[1456, 2303, 2517, 1021, 2397, 2593, 1336, 2326, 1839, 174, 2027, 1880, 2081, 2018, 692, 1690, 1677, 145, 1256, 1547, 2343, 2214, 54, 1840, 1487, 1942, 2082, 778, 2314, 475, 2391, 453, 1018, 1245, 152, 1302, 275, 56, 899]. **Community**  
[1279, 2304, 2547, 1741, 640, 2622, 1648, 2544, 473, 470, 975, 568, 448, 922, 634, 2617, 1144, 1896, 959, 2455, 2579, 1200, 2390, 517, 2016, 2587, 2034, 2566, 832, 2298, 2173, 81, 1582, 677]. **Company** [2204]. **Comparable** [2206].

**Comparaison** [2502]. **Comparative**  
[1534, 993, 1347, 956, 1542, 502, 1493, 1675, 773, 2380, 2191, 2610, 1327].

**Compared** [2448, 2584]. **comparée** [1327]. **Comparing**  
[418, 316, 631, 1706, 1937, 1914]. **Comparison**  
[2249, 1335, 2326, 2052, 2371, 63, 1143, 388, 1356, 2264, 2373, 1369, 704, 745, 2471, 1598, 1529, 2616, 1450, 1040, 318, 1581, 68, 1655, 1968, 1673, 2210, 571, 2595, 1432, 2064, 630, 1089, 2489, 2202, 637, 1352, 924, 1751, 280, 2157, 1203, 2084, 2549, 2608, 587, 2190, 2502]. **Comparisons**  
[1654, 603, 1185, 2543, 2139, 121]. **Compartments** [1103]. **Competing**  
[1512, 1103]. **Competition**  
[1366, 450, 2351, 1281, 1672, 1822, 2230, 566, 634, 1643, 1778, 1551, 2109].

**Competitive** [725, 1634]. **complanata** [1196]. **Complement** [36].

**Complementarity** [375]. **Complex** [657, 1922]. **Complexation** [1957].

**Complexing** [898]. **Complexity** [638, 2548, 2545]. **Component**  
[2172, 2347]. **Components** [114, 1161, 911, 1952, 982, 1499, 2172, 1938, 553].

**Composite** [2481]. **Composition** [196, 1790, 2162, 150, 1538, 336, 477, 1820, 2593, 327, 998, 2458, 1609, 1726, 1698, 1063, 693, 856, 307, 2496, 1987, 1677, 1485, 445, 1344, 2025, 794, 1888, 214, 1731, 785, 2143, 2455, 1515, 1646, 2382, 1827, 1213, 972, 2528, 2199, 669, 1644, 2152, 2279, 2613, 1960].

**Compositional** [311]. **Compounds** [1835, 97, 1546, 1391, 589, 1965].

**Comprehensive** [864]. **comprendre** [2225]. **Compte** [575, 931]. **Comptes**  
[18, 40, 100, 119, 137, 154, 189, 286, 338, 354, 384, 402, 425, 443, 461, 555, 616, 632, 649, 667, 684, 701, 753, 771, 790, 809, 842, 863, 886, 907, 967, 990, 1016, 1042, 1061, 1115, 1132, 1149, 1170, 1189, 1207, 1227, 1273, 1300, 1328, 1377, 1398, 1413, 1427, 1442, 1479, 1502, 1533, 1561, 1591, 1616, 1641, 1665, 1685, 1712]. **Computer** [1342, 2287, 776, 351, 192]. **Computer-Controlled**  
[1342]. **Computer-Driven** [2287]. **Computerized** [2417]. **Concentration**

[2476, 1134, 168, 1670, 2522, 764, 1977, 2338, 1268, 674, 1752, 1978, 266, 468, 635, 184, 38, 462, 1235, 1363, 1284, 720, 1864]. **Concentrations** [1871, 2182, 414, 1037, 423, 801, 13, 2126, 344, 1075, 1990, 628, 457, 2485, 722, 2410, 1819, 62, 203, 2408, 2562, 1487, 2121, 1722, 1678, 2621, 2293, 432, 564, 2350, 419, 599, 1588]. **Concept** [495, 491, 479, 480, 486, 490, 690, 1188, 501, 2526, 521, 500, 523, 1375, 17]. **Conceptual** [1701, 2288, 2577]. **Concomitant** [2368]. **Condensed** [2493]. **Condition** [2552, 2148, 2586, 1517, 669]. **Conditional** [2453]. **Conditioning** [1884]. **Conditions** [1948, 929, 2001, 1159, 1835, 1734, 2111, 2330, 1867, 778, 1304, 659, 29, 19, 21]. **Conductivity** [2594, 1806, 2546]. **Cone** [2008]. **confervicolus** [1, 1463]. **Confidence** [37]. **Confinement** [108, 2097]. **Conflicting** [1681]. **Confounding** [788]. **Congener** [2471]. **Congeners** [913]. **Conifer** [1092]. **Coniferous** [1704]. **Connecticut** [952, 1159, 1452, 1451]. **Conowingo** [123]. **Consecutive** [1782]. **Consequence** [2622]. **Consequences** [1452, 2144, 395, 1739, 1019, 107, 1181, 517, 949]. **Conservation** [1776, 520, 493]. **Conservative** [1019]. **Consideration** [769]. **Considerations** [2249, 1785]. **Constance** [2223]. **Constant** [26, 1369, 445, 2099]. **Constants** [1033]. **Constituents** [386, 2450]. **Constraint** [1631]. **Constraints** [1512, 2275]. **constricta** [735]. **Constrictions** [1379]. **Consumed** [2413, 2462, 447]. **Consumption** [1670, 198, 1433, 1672, 670, 1450, 711, 1381, 462, 1426]. **Container** [2002]. **Containing** [2403, 2345, 2250]. **Contaminant** [801, 2456, 1405, 981, 2339, 2007, 1921, 2536, 399]. **Contaminants** [321, 798, 149]. **Contaminated** [981, 1683, 2342, 1120, 113, 1400, 1751, 1828, 275]. **Contamination** [604, 841, 2306]. **Content** [1833, 1030, 2586, 1475, 2497, 2616, 2615, 709, 2076, 1982, 545, 714]. **Contents** [1722]. **Contiguous** [1051, 884, 2379]. **Continental** [2310, 840, 1657, 618, 2511]. **Continuous** [872, 32, 2325, 1552, 139, 1547, 57, 579, 1751, 56]. **Continuous-Flow** [32]. **Continuously** [1083, 1067]. **Continuum** [690, 1375, 17]. **Contrasting** [2224, 2203]. **Contribution** [2333, 1174, 2412, 2132, 2093, 2082, 1054, 73, 2349, 2051]. **Contributions** [2419, 2096, 294]. **Control** [1205, 532, 230, 529, 535, 973, 1709, 2481, 2319, 231, 252, 228, 2287, 1831, 253, 2327, 260, 471, 262, 1506, 1992, 250, 227, 873, 530, 229, 222, 1486, 243, 259, 371, 1611]. **Controlled** [1342, 1510, 928]. **Controlling** [1492, 1389, 2331, 24, 2621, 739]. **Controls** [1158]. **Controversies** [1999]. **Conundrum** [486]. **Conventional** [1356]. **Conversion** [619, 983, 801, 1269, 1250]. **Cook** [159]. **Cooling** [806]. **Cooperative** [485]. **Copepod** [1404, 1548, 1618, 656, 717, 2221, 299, 1710, 296, 2425, 1270]. **Copepoda** [901, 1154, 1811, 325]. **Copepods** [900, 72, 165, 1509, 433, 1581, 850, 204, 939]. **Copper** [2258, 1249, 1990, 1689,

405, 1372, 898, 1430, 1688, 1829, 1830, 2250, 2120, 2599, 1067, 743].  
**Copper-Complexing** [898]. **Coral** [1652]. **Core** [1865, 837, 1050].  
**Coregonid** [488]. **Coregoninae** [513, 294]. **Coregonines** [1732].  
**Coregonus** [1205, 1436, 1096, 511, 2223, 2201, 892, 1097, 1732, 1702, 33,  
2373, 933, 512, 105, 1266, 604, 1602, 239, 318, 68, 1262, 654, 2095, 1872, 1392,  
1916, 1695, 602, 256, 243, 267, 2546]. **Corer** [2158]. **Corophium** [614].  
**Corrected** [629]. **Correction** [2412, 1111, 1167, 2483]. **Corrections**  
[41, 171, 322, 576, 685, 791, 908, 1062, 1171, 1301, 1428, 1562, 1713, 1877, 2137,  
2269, 2399, 2537, 41, 171, 322, 576, 685, 791, 908, 1713, 1877, 2137, 2399, 2537].  
**Correlated** [1634]. **Correlation** [2467, 1973, 1720, 27, 1420, 432].  
**Correlations** [2452, 1819, 1238, 2293, 1637]. **Correspondence** [2563, 2240].  
**Corticosteroid** [436]. **Corticosteroids** [1172]. **Cortisol**  
[108, 1838, 2606, 1627]. **Corynebacterium** [92]. **Cossuridae** [370]. **Cost**  
[2144, 2618, 2124, 1208, 1024]. **Cost-Benefit** [1024]. **Costs** [549, 259].  
**Cottus** [725, 477, 708, 1311]. **Coulter** [409]. **Count** [1673]. **Counter** [1402].  
**Counterimmunoelectrophoresis** [1009]. **Counterparts** [1185]. **Counting**  
[820, 1070]. **Counts** [1357, 351]. **Coupling** [2235, 2236]. **Covariability**  
[1076]. **Covariance** [2161, 925, 1455]. **Cover**  
[1948, 2321, 1737, 1984, 2548, 1813, 1454]. **Covered** [1277, 24, 691]. **Cowlitz**  
[1142]. **CPUE** [1653]. **Crab** [802, 1025, 1788, 1079, 1716, 1310, 613, 1662,  
1759, 2471, 1605, 2442, 279, 668, 2062, 1578, 2555, 308, 2033]. **crabe** [1267].  
**Crabs** [1362, 2335, 1954, 591, 2561, 1778, 1572, 1244, 2556, 192, 1267].  
**Crappie** [1736]. **Crassostrea** [126, 2244, 874, 2306, 669]. **Crayfish**  
[2486, 964, 2469, 2468, 1382, 309, 1624, 1889, 50, 601, 763, 1628]. **Creek**  
[1263, 1055, 640, 1852, 2151, 2530, 2327, 2022, 1145, 2438, 817, 942, 606, 281].  
**crenatus** [888]. **Cresol** [944]. **creuses** [408]. **crispus** [2184, 2185, 1535].  
**cristata** [1854, 2177]. **cristatus** [2221]. **Criteria** [1996, 498]. **Criterion**  
[1284]. **Critical** [1550, 642, 1860]. **Critique** [714, 1351, 714]. **croissance**  
[2502]. **Crop** [1445, 840]. **Cross** [1308, 1238, 1027]. **Cross-Sectional** [1308].  
**Crosses** [874]. **Croton** [1978]. **Crustacea** [1787, 2293, 2567, 1864].  
**Crustacean** [1419, 2586, 1068, 1173, 1090, 1780, 475, 275, 1599].  
**Crustaceans** [2442, 2580, 1783]. **Cryogenic** [2498]. **Cryptochironomus**  
[2227]. **crysoleucas** [2512, 2452]. **Crystallization** [1682]. **Ctenophore**  
[1526]. **Cu** [203, 1899, 432, 2167]. **Cultivation** [1898, 2492]. **Cultural**  
[1580, 755]. **Culture** [1404, 869, 1257, 1509, 1009, 1585, 1342, 518, 139, 57,  
536, 537, 579, 408, 1926, 2332, 1535, 381, 1686, 2034, 401]. **Cultured**  
[1411, 1528]. **Cultures** [726, 1552, 857, 1547]. **Culturing** [56]. **Cumberland**  
[909]. **Cumulative** [1528]. **cupida** [2338]. **Current**  
[900, 1436, 2522, 1698, 348, 2422, 84, 2548, 331, 1646, 1569, 494]. **Currents**  
[763, 2235, 2236, 2071, 141]. **Curve** [1476, 915, 1593]. **Curves**  
[815, 121, 1706, 1655, 1669]. **cut** [1985, 304, 1692]. **Cutthroat**  
[413, 1260, 1887, 1346, 2246, 1259, 2044, 2315, 451, 2334, 1454]. **cutting** [78].  
**Cyanide** [715, 710, 1749]. **Cyanobacterial** [2083]. **cyanure** [1749]. **Cycle**  
[762, 2112, 560, 1676, 2471, 1736, 2031, 2383]. **Cycles**



[2050, 1605, 279, 2242, 966, 939, 1991]. **Cyclic** [26, 76]. **Cyclical** [200]. **Cycling** [1833, 1541, 445, 1549, 1348]. **Cyclopid** [734, 1080]. **cygnus** [1776, 1764, 1763]. **cylindraceum** [654]. **Cylindrical** [556, 300]. **Cymathere** [1047]. **cynoglossus** [603, 393]. **Cyprid** [888]. **Cyprinid** [2207]. **Cyprinidae** [1978]. **Cyprinids** [2480]. **Cyprinus** [2274, 670, 1576, 382]. **Cystidicola** [987, 894, 838]. **Cystophora** [1854, 2177]. **Cysts** [1409, 902, 679]. **Cytochrome** [865, 1967]. **Cytogenetic** [157]. **cytological** [2306]. **cytologiques** [2306]. **Cytology** [2234].

**d** [1862, 2125, 686, 1136]. **D-Glucose** [686]. **Dace** [725, 1055]. **Daily** [869, 2106, 650, 952, 527, 2059, 288, 1296, 703, 581, 193, 702]. **Dajidae** [476]. **d'ajustement** [1327]. **Dakota** [2174]. **Dam** [2407]. **Damage** [2175, 788]. **d'Amérique** [658]. **Dams** [741]. **dans** [543, 1490, 1267, 1621, 1862]. **Daphnia** [2403, 898, 307, 636, 1464, 1415, 468, 607, 697, 757, 1339]. **Data** [146, 1308, 336, 533, 970, 2001, 2485, 2466, 147, 892, 680, 2206, 273, 1857, 2543, 1070, 915, 1952, 2260, 2526, 1378, 2369, 773, 341, 2580, 833, 2289, 2209, 2605, 1494, 637, 38, 1522, 924, 1802, 2483, 48, 1303, 1869, 595, 608, 1264, 1891, 1982, 1026]. **Dating** [110, 822]. **Dauphin** [2552, 2186]. **Davis** [840]. **Day** [1474, 2099]. **Daylength** [2078]. **Daytime** [2353]. **DCMU** [2080, 131]. **DCMU-Enhanced** [2080, 131]. **DDE** [1116]. **DDE/** [1116]. **DDT** [1116, 299]. **Dead** [2255, 955]. **Death** [221]. **d'eau** [1490]. **débit** [1125]. **Debris** [2333, 1396, 1092, 2181, 1704]. **Decade** [332]. **Decapod** [2580]. **Decapoda** [873, 1572]. **Decapods** [476]. **Decay** [1865]. **Dechlorination** [1354]. **decepiens** [2492]. **Decision** [2124, 2187]. **Decline** [838, 877, 974, 1523, 602, 248, 2534, 1664]. **Declines** [1519]. **Decomposing** [995]. **Decomposition** [1836, 1334, 944]. **Decreased** [593, 50]. **Decreasing** [1374]. **Dee** [1435]. **Deep** [631, 1880, 179, 1019, 396, 130, 784, 694]. **Deep-Chlorophyll** [784]. **Deep-sea** [694]. **Deep-water** [396]. **Deepwater** [925]. **Defense** [325]. **Deferentia** [1681]. **Deficiency** [1847, 58, 2073, 2076]. **Definable** [486]. **Defining** [308]. **Definition** [1758, 892, 740, 485, 498]. **Deformation** [900]. **Deformities** [1482, 2227, 2513]. **Degradation** [55]. **Degraded** [999]. **Degrees** [2345]. **Dehydratase** [1136]. **Dehydroascorbic** [1294]. **Dehydrogenase** [1632, 21]. **Delay** [1868, 1353]. **Delay-Difference** [1868, 1353]. **Delayed** [1652]. **d'élevage** [1327]. **Delineation** [1455]. **Delphinapterus** [2592, 2020, 2539, 1333, 1745, 2450]. **Demand** [1546]. **Demersal** [1242, 820, 1210]. **Demic** [2376]. **Demographic** [1181, 812]. **Demography** [438]. **Demonstration** [1152]. **Dendrograms** [2210, 2613]. **Denil** [1473]. **Denitrification** [65, 82]. **Dense** [857]. **Densities** [820, 1478, 1055]. **Density** [1790, 1079, 1509, 964, 1452, 1558, 613, 2223, 2551, 893, 2521, 469, 1612, 887, 2138, 1853, 2400, 2550, 781, 440, 2195, 1437, 1937, 298, 1239, 1823, 2435, 1423, 1916, 706, 2528, 1826, 138]. **Density-Dependent** [1790, 1079, 1452, 1558, 2223, 1612, 2195, 298, 1239, 1823, 893]. **Density-Independent** [298]. **Dentin** [90]. **Dentinal** [918]. **denudation** [899, 899]. **Depend** [147]. **Dependence** [1721, 2435, 2160]. **Dependent**

[1790, 1079, 1406, 1452, 1558, 2223, 865, 1612, 2195, 296, 298, 1239, 1823, 1127, 920, 2597, 2235, 942, 893]. **d'éperlan** [677, 1621]. **Depletion** [1277, 7, 1907, 1265, 24, 183, 1553, 29, 2160]. **Deployment** [1192]. **Deposit** [2118, 2007]. **Deposit-Feeders** [2118]. **Deposition** [1671, 1046, 1168, 2313, 1018]. **Deposits** [90]. **Depress** [636]. **Depression** [1986, 277]. **Depressions** [1946]. **Depth** [1286, 1998, 1336, 2215, 339, 837, 1434, 1038]. **Depths** [344, 2032]. **Depuration** [797]. **Deriso** [1353]. **DerisoCatch** [2472]. **DerisoCatch-at-Age** [2472]. **Derived** [283, 70, 815, 757, 554, 1135]. **Describe** [489, 836]. **Description** [2035, 208]. **Descriptions** [1093, 723]. **Descriptive** [2167]. **Desert** [2319]. **Design** [93, 831, 1472, 1192, 2180]. **Designations** [2152]. **Designing** [891]. **Designs** [1212, 2153]. **Desorption** [312]. **Destructive** [466]. **Detect** [1409, 927, 369, 629]. **Detected** [1943]. **Detecting** [1844, 1420, 2581, 292]. **Detection** [592, 2498, 92, 1346, 2260, 210, 435, 1904, 2480]. **Deteriorating** [996]. **Determinants** [310, 1875, 2299, 1253]. **Determination** [414, 1471, 2498, 423, 681, 1563, 1847, 134, 343, 604, 2442, 639, 1172, 1101, 182, 1846, 35, 1364, 80, 1933, 608, 550, 543]. **Determinations** [418, 1385, 68]. **Determine** [2482, 562, 1145, 2557, 1590]. **Determined** [1399, 2210, 1429, 612, 2427]. **Determining** [106, 628, 709, 831, 1024, 61, 1454]. **Deterministic** [993, 1915]. **Detritus** [934, 1263, 125, 545]. **Developed** [1620]. **Developing** [1067, 835]. **Development** [1955, 2019, 996, 1471, 1187, 1825, 1511, 1973, 1618, 762, 1051, 465, 1206, 1996, 348, 1341, 251, 470, 2124, 2339, 975, 330, 411, 853, 1766, 1491, 2527, 2029, 2030, 2257, 1785, 1504, 2495, 2480, 2578, 2569]. **Developmental** [1466, 1534, 1851, 388, 2616, 2615, 468]. **Developments** [1376]. **Deviations** [1543]. **Devices** [2355]. **DHP** [399]. **Di-** [399]. **diacetylmonoxime** [543, 543]. **Diacyclops** [1548]. **Diagnostically** [813]. **Dialkyllead** [1965]. **dialysantes** [408]. **dialyse** [408]. **Dialysis** [1529]. **Diameter** [1996]. **Diaptomid** [939]. **Diaptomus** [901, 1635, 358, 204]. **Diatom** [2482, 1671, 2507, 2517, 1730, 1166, 148, 2332, 1343, 841, 152]. **Diatom-Inferred** [1730]. **Diatoms** [1404, 2122, 2147]. **Diel** [1242, 1811, 187, 859, 1620, 1700, 1959, 2031, 1696, 2224]. **Diet** [310, 2105, 2401, 173, 1165, 845, 2389, 1311, 686, 1945, 1902, 270, 773, 456, 412, 803, 1621, 265, 1621]. **Dietary** [2499, 2061, 2381, 1990, 1618, 1894, 2440, 1269, 1372, 1268, 765, 22, 1293, 1505, 2117, 1425, 2096, 1013]. **Diets** [79, 2345, 288, 795, 1662, 981, 1645, 836, 390]. **Difference** [1868, 1449, 1353]. **Differences** [1254, 626, 1141, 104, 395, 394, 2081, 1341, 566, 1527, 2271, 2292, 2379, 2058, 2419, 2531, 2243, 1917]. **Different** [1871, 115, 1161, 2456, 1855, 551, 1462, 2345, 1702, 1729, 955, 53, 1622, 1493, 715, 710, 617, 630, 506, 778, 736, 2555, 1304, 2427, 1686, 1028, 2113]. **Differential** [1674, 331, 276, 2089]. **Differentially** [2508, 2227]. **Differentiating** [350, 135]. **Differentiation** [2104, 376, 1974, 816, 2216, 1506, 1455, 267, 294, 1109, 1345]. **Differently**

[1708]. **Differing** [872, 2218, 2292, 2527]. **Difficulties** [567]. **Diffuse** [1678]. **Diffusion** [69, 2015]. **Diflubenzuron** [1404, 692, 79]. **Digestibilité** [265]. **Digestibility** [1186, 1645, 639, 2324, 265]. **Digestion** [1311, 686, 617]. **Digestive** [2155, 2596, 182, 361, 1044]. **digitale** [200]. **Diked** [1747, 1748]. **Dilution** [1686]. **Dimensional** [1155, 1727]. **Dimethyl** [95, 1203]. **Dimethylformamide** [1203]. **Dimictic** [1450]. **Dimilin** [1404]. **Dimorphism** [984]. **Dinoflagellate** [2589, 2320, 2224, 401, 1066, 271, 679]. **d'intensité** [1490]. **Dioxide** [2078, 2077]. **Diphyllobothrium** [1703].

**Diptera**  
[122, 1094, 1482, 2179, 2180, 1093, 2522, 1655, 2029, 2030, 2227, 2513].

**Dipteran** [67]. **Direct** [92, 1741, 299, 148, 80, 1586]. **Directly** [937]. **Discharge** [1839, 2131, 1150, 1636]. **Discharges** [123]. **Discount** [689]. **Discovered** [444]. **Discovery** [1650]. **Discrete** [509, 2325, 740]. **Discreteness** [521, 1933, 494]. **Discretion** [1878]. **Discriminant** [925, 1455]. **Discrimination** [1307, 362]. **Discussion** [198]. **Disease**  
[770, 652, 1411, 132, 2060, 2362, 422, 1564, 363, 1841, 305, 195, 194, 1007]. **Diseased** [1244]. **Diseases** [1206]. **dispar** [1933]. **Dispersal**  
[2108, 894, 2582, 676, 2141, 1853, 1236, 1885]. **Dispersed** [1854, 1318]. **Dispersion** [2430, 2522, 1288, 2424]. **Disposition** [2372]. **Dissipation**  
[1255]. **Dissolved** [2129, 1833, 929, 295, 2357, 1806, 1546, 1747, 1126, 1318, 2307, 826, 1846, 2114, 768, 1035, 419, 1997, 2306]. **Dissolved/Dispersed**  
[1318]. **dissoute** [2306]. **Distance** [779, 1631]. **Distinct** [498]. **Distinction**  
[2456, 714]. **Distinguishing** [1474, 1983, 925, 714]. **Distribution**  
[283, 2129, 2229, 894, 1292, 2300, 1399, 746, 2067, 1336, 1005, 1895, 2147, 347, 1698, 127, 1951, 2323, 339, 1702, 2544, 1108, 1958, 1700, 2246, 433, 70, 728, 1831, 2515, 2448, 1636, 236, 2620, 1393, 503, 191, 2320, 2508, 763, 1044, 224, 2289, 571, 671, 2602, 1081, 1793, 478, 2305, 837, 1727, 941, 2181, 1572, 1392, 2212, 229, 769, 1333, 565, 958, 1138, 1539, 1696, 1036, 25, 2085, 902, 1657, 817, 83, 1454, 677, 1767, 2295]. **Distributions**  
[2568, 1811, 1049, 682, 820, 2098, 75, 867, 2236, 2591, 453, 1358, 2427, 1064].

**District** [2204]. **Disturbances** [2272, 2153]. **ditremum** [1703]. **Diurnal**  
[202]. **Diurnally** [445]. **Diver** [2469, 706]. **Divergence**  
[1807, 2043, 2567, 2404]. **Divergent** [1053]. **Diverse** [326]. **Diversion**  
[1096, 1095, 1086, 1395, 1090, 1091, 1088, 1087, 1084]. **Diversity**  
[759, 2337, 360, 517, 2566, 1374]. **Divisions** [713]. **DMSO** [95]. **DNA**  
[2535, 1137, 2328, 2169, 1733, 2461, 2337, 2222, 2463, 305, 2257, 2608, 1970]. **DNA-Level** [2222]. **Do** [2254, 1546, 1293, 1304, 1833]. **Does** [1542, 1687]. **Dogfish** [1471]. **Dolly** [1346, 2246, 1259, 2265]. **dolomieui**  
[2486, 1609, 2408]. **Dolphin** [1275]. **Dolphins** [927, 928, 1304, 1627].

**Domain** [1891]. **Domestic** [502]. **Dominance** [1890]. **Dominant**  
[1445, 1734]. **Domoic** [2507, 2332]. **Don't** [416]. **d'origine** [658]. **Dorsal**  
[1471, 1699]. **Dosage** [543]. **Dosages** [1925]. **Dose** [2543, 1715, 1714, 2393]. **Double** [12]. **Double-Tagging** [12]. **Doubleday** [2472]. **down** [2135]. **Downstream** [985, 2538, 328]. **Dragonflies** [1717]. **Dragraked** [2184].

**Drainage** [1852, 2419, 281]. **Drainages** [1728]. **Draining** [1985, 2042].  
**Drawdown** [1027]. **Dreissena** [2553, 1810]. **Drift** [1274, 1918, 1224, 1361].  
**Drifting** [2545]. **Drilling** [620, 324, 1179]. **Driven** [2287]. **droebachiensis**  
[980, 1244, 25, 466]. **Drug** [334]. **Drugs** [421]. **Drum** [835]. **Dry** [1864].  
**Dual** [1723, 2052, 2007, 1078]. **Dual-Beam** [1723, 2052]. **dubius** [397, 812].  
**Due** [434, 567, 926, 2186, 2380]. **dulcicoles** [714]. **Dummy** [560]. **d'un**  
[1490, 2502, 1307]. **Dunaliella** [359]. **Dungeness**  
[802, 1025, 1788, 1362, 1605, 279, 668, 1578, 2556, 2555]. **Duoculture** [2439].  
**Durable** [2017]. **Duration** [2238, 2356, 2237, 2180]. **Duration-in-Beam**  
[2238, 2237]. **Durations** [1754]. **During**  
[1948, 869, 558, 65, 628, 2594, 395, 394, 1379, 653, 670, 330, 1667, 974, 1257,  
1589, 1618, 1043, 2341, 2010, 1222, 2219, 1732, 1052, 2338, 1088, 1087, 2352,  
1838, 1044, 2562, 2368, 1491, 1870, 2483, 2480, 2024, 1929]. **Dwarf**  
[661, 712, 318]. **Dwelling** [1384, 1454, 1750]. **Dynamic**  
[1854, 1017, 2526, 2475]. **Dynamics** [923, 2129, 1650, 1308, 2517, 802, 1074,  
1408, 993, 2520, 1918, 2220, 1719, 1461, 1879, 1880, 1791, 2357, 976, 657, 909,  
78, 2264, 933, 1247, 1980, 2525, 161, 1547, 2261, 2609, 2352, 1624, 1564, 54,  
1840, 2565, 1808, 71, 2048, 1679, 1793, 2114, 2115, 784, 2029, 1235, 871, 113,  
2109, 1194, 1993, 1540, 1554, 436, 1935, 942, 2130, 1923, 2024].  
  
**Early** [1146, 821, 814, 1005, 314, 610, 653, 2506, 1341, 604, 705, 2616, 2615,  
1000, 1280, 1239, 2093, 1151, 2480, 1321, 1611]. **Earthy** [1160].  
**Earthy-Flavor** [1160]. **East** [2595]. **Eastern** [1771, 2005, 1745, 2507, 626,  
793, 2430, 508, 2059, 569, 728, 654, 1931, 2623, 475, 308, 1158, 1929, 1930].  
**Eastmain** [1395]. **eau** [543]. **écailles** [714]. **Ecdysial** [873]. **Ecdysis** [697].  
**échelle** [88]. **Echo** [2238, 820, 1070, 1886, 1937, 1916, 554]. **Echosounder**  
[2052, 1905]. **ECOLOG** [820]. **Ecological** [2429, 580, 1526, 1168, 687, 2553,  
1739, 2417, 2214, 1420, 1623, 1753, 1802, 2243, 226]. **Ecology**  
[269, 1796, 2423, 127, 1457, 672, 117, 2047, 2142, 23, 2574, 234, 2315, 2191,  
212, 700, 588, 238, 323, 1261]. **Economic** [114, 2249, 2520, 144].  
**Economically** [623]. **Economics** [114]. **Economy** [1801]. **Ecophysiology**  
[1588]. **Ecoregions** [2240]. **Ecosystem**  
[1116, 2403, 1376, 1147, 1658, 2385, 1724]. **Ecosystems**  
[619, 957, 367, 1697, 2536, 2135, 113, 1510, 1809, 1704, 1482, 2240, 81].  
**Ecotoxicological** [2303, 1839]. **Ecotypes** [2373]. **Edaphic** [1267].  
**édaphique** [1267]. **Eddy** [1560]. **Edible** [1047]. **Editorial**  
[524, 754, 992, 1818, 524, 754, 992]. **Editorial/Éditorial** [524, 754, 992].  
**edulis** [1898, 1029, 1390, 2009, 2501, 1525, 1899]. **Edward** [2507].  
**Edwardsiella** [1507, 2495]. **Eel** [1415, 658]. **eelpouts** [396]. **Eels**  
[2456, 1700, 1738]. **Effect** [1456, 1789, 1337, 1466, 741, 1998, 1165, 72, 983,  
2403, 1025, 779, 55, 1670, 1204, 2215, 1521, 1990, 1894, 2002, 2228, 2345, 2521,  
657, 856, 1150, 1672, 1268, 643, 1086, 2230, 733, 765, 688, 1354, 1853, 160,  
1978, 2301, 2362, 794, 1101, 2172, 365, 1840, 552, 2464, 2176, 2271, 2283, 2284,  
1731, 2, 1401, 1678, 778, 2168, 1334, 2623, 293, 73, 2314, 2236, 1583, 31, 1285,

474, 1194, 1258, 2177, 944, 372, 409, 1596, 1091, 2569]. **Effected** [77]. **Effective** [1385, 825, 2330, 1804]. **Effectiveness** [633, 300]. **Effects** [678, 2229, 2105, 623, 2340, 910, 620, 2253, 2019, 2473, 2258, 2303, 2277, 165, 1788, 1589, 2397, 1332, 198, 82, 2522, 1439, 1834, 1159, 1451, 1558, 1689, 230, 1842, 1269, 1372, 2125, 438, 1741, 457, 2223, 2346, 116, 730, 893, 866, 2497, 2069, 231, 909, 1168, 1987, 78, 2018, 1560, 1939, 692, 999, 1585, 674, 2138, 101, 544, 1447, 728, 22, 30, 2151, 2012, 1484, 2103, 2142, 2100, 2550, 2339, 1902, 1747, 1365, 2111, 2171, 786, 1344, 982, 1660, 261, 922, 2571, 2281, 1312, 1420, 788, 49, 304, 1692, 858, 1487, 1647, 2121, 1201, 2189, 140, 798, 2005]. **Effects** [298, 1090, 846, 1964, 1234, 290, 1892, 225, 1423, 2120, 2029, 1481, 1778, 2390, 935, 2591, 340, 1586, 2599, 890, 2099, 352, 2354, 697, 2391, 51, 46, 1694, 2438, 2366, 972, 2384, 1518, 2016, 2493, 2034, 2566, 1504, 1537, 564, 2528, 2039, 2054, 276, 2282, 379, 939, 936, 1991, 2207, 1801, 720, 743, 834, 389, 56, 2306]. **Effets** [2306]. **Efficacy** [2412]. **Efficiencies** [875, 1008, 2207]. **Efficiency** [1226, 619, 983, 801, 2618, 621, 1987, 47, 321, 2117, 1198, 2395, 1192, 2393]. **Effluent** [32, 570, 1121]. **Effluents** [2272, 386, 45, 565]. **Efflux** [2234]. **Effort** [1790, 549, 1538, 802, 273, 1369, 2526, 1378, 2369, 37, 1512, 637, 1424, 1522, 924, 1303, 280, 804]. **Egg** [1955, 1466, 1851, 1597, 1770, 1458, 465, 1174, 1849, 2400, 2492, 1705, 2420, 926, 2095, 2188, 1962, 1679, 1282, 2063, 1537, 1402, 1995, 1064, 835, 1488, 1291]. **Egg-Laying** [2492]. **Egg-Mass** [1962]. **Eggers** [2106]. **Eggs** [1439, 2057, 1174, 1097, 197, 339, 1108, 1060, 544, 781, 1474, 2607, 1283, 2616, 2615, 805, 798, 1140, 1679, 2532, 416, 2286, 2199, 2113, 204]. **Ehrbg** [10]. **EIBS** [1900]. **Eight** [2618, 763]. **Eimeria** [1983]. **Eimeridae** [1983]. **ELA** [47]. **Electric** [1402]. **Electrode** [1679]. **Electrolyte** [1589, 1222, 1679, 29]. **Electrolytes** [2234]. **Electron** [470, 2083]. **Electrophoresis** [105]. **Electrophoretic** [1310, 1063, 512, 969, 2143, 1241, 1917]. **Eleginus** [1051]. **Element** [2358, 2412, 1819, 303, 456]. **Elemental** [693, 785, 1213, 1960]. **Elements** [2573, 387, 1045, 1590]. **élevage** [1862]. **Elevated** [2250]. **Elimination** [2554, 2372, 467]. **Elliott** [2106]. **Elliptio** [1196]. **Elvers** [1269]. **Embayment** [816]. **Embolism** [2060]. **Embryo** [2359, 853]. **Embryonic** [1955, 2569]. **Embryos** [133, 935]. **Emerged** [1569, 2119]. **Emergence** [67, 1974, 314, 859, 1523, 2179]. **Emergent** [1813]. **Emerging** [122, 1094, 2180]. **Emigration** [1985, 2405, 2530]. **Emphasis** [2323, 1975]. **Empirical** [1134, 557, 1635, 2211, 717, 1951, 876, 559, 1068, 349, 2294, 1934, 1989, 966, 1330, 2237, 1599]. **Empiricism** [700]. **emploi** [408]. **Employed** [1385]. **Employing** [2231]. **Enchytraeid** [1993]. **Enclosed** [2027]. **Enclosure** [60, 2597, 2017, 56]. **Enclosures** [796, 1739, 591, 2571, 1386, 1138, 1012, 1824, 2231]. **Encounter** [556, 1167]. **Endangered** [498]. **Endemic** [291]. **Endocrine** [532]. **Endocrinology** [536, 1780]. **Endonuclease** [1137]. **Energetic** [1955, 2619, 2620, 2275]. **Energetics** [179, 711, 844, 659]. **Energy** [1871, 1174, 1389, 395, 394, 1371, 161, 577, 1837, 10, 2250, 709, 599, 835, 1644, 335]. **England** [497]. **English** [1226, 2339, 786, 2621, 1823, 2048, 1481, 1010, 1011, 1014, 1012, 1013].

**Engraulis** [2093]. **Enhanced** [905, 2080, 131]. **Enhancement** [1795, 197, 1023, 1486]. **Enriched** [1166]. **Enrichment** [2122, 2262, 2123, 1552, 950, 1964, 1423, 1827, 1553, 841]. **Enteric** [770]. **Enteromorpha** [1835]. **Entire** [2379]. **Entrained** [1636, 806, 756]. **Entrainment** [300]. **entre** [714, 1125, 870]. **Entry** [1153, 582]. **Environment** [882, 2343, 2540, 2266, 412, 1628, 1960, 899, 88]. **Environmental** [1779, 2156, 1788, 1020, 650, 547, 527, 2437, 2563, 438, 2006, 2466, 2244, 1875, 621, 1223, 909, 1100, 2515, 2297, 153, 2620, 2260, 1344, 1148, 330, 1867, 2295, 1647, 321, 798, 2094, 1536, 496, 2363, 368, 890, 965, 1694, 972, 1158, 2293, 371, 294, 1066, 19, 1738, 2308, 2578, 2545, 954]. **Environments** [104, 2543, 955, 2191, 2502]. **Enzyme** [1141, 1847, 182, 1841]. **Enzyme-linked** [1841]. **Enzymes** [1037, 1044, 1633]. **Eocene** [2624]. **Eogammarus** [1, 1463]. **eperlanus** [2046, 1415]. **Ephemera** [2186]. **Ephemeral** [854]. **Ephemeroptera** [985, 2412, 2186]. **Epicarida** [476]. **epidemic** [1862]. **épidémie** [1862]. **Epidemiology** [1206]. **Epifauna** [127]. **Epigenetic** [989]. **Epilimnetic** [1541, 2496, 855, 2571, 1022, 1225]. **Epilithic** [2587]. **Epipellic** [2390, 1434]. **Epiphytic** [1443]. **Epischura** [1618, 325, 1270]. **Episodic** [1994, 1751]. **Epithelia** [289]. **Epizootic** [1031, 268, 1783]. **Epontic** [2158]. **Equation** [86, 31, 546, 1353]. **Equations** [2514, 721, 1800, 2418]. **Equatorial** [618]. **Equilibrium** [1467, 326, 1669, 1935]. **Erie** [7, 626, 660, 610, 815, 2382]. **Erosion** [1085]. **Error** [1520, 2110, 2267, 970, 756, 163, 1613, 184]. **Errors** [940, 2614, 380, 1932, 707, 61, 379]. **Erythrocyte** [1128, 1136]. **Erythrocytic** [1900, 107, 274, 1619]. **Erythropoiesis** [1240]. **Escape** [1984]. **Escapement** [560, 1938]. **Escapements** [377]. **Esocids** [1254, 2380, 2610]. **Esox** [1098, 2436, 2552, 187, 2148, 203, 1885, 1013, 1477]. **espèce** [714]. **Especialy** [190]. **Essay** [1355]. **Essential** [2573]. **established** [2304]. **Establishment** [411, 2587]. **Esterase** [2146]. **Esterase-2** [2146]. **Esters** [1226]. **Estimate** [283, 557, 1905, 1306, 986, 273, 2421, 280, 257, 1426]. **Estimated** [2206, 2614, 668, 2015]. **Estimates** [434, 848, 327, 760, 2002, 613, 717, 1250, 440, 2111, 380, 2165, 1218, 756, 37, 68, 1437, 1673, 1937, 2143, 427, 1722, 437, 2202, 1198, 1916, 2483, 1745, 2157, 256, 2177, 581, 850, 164, 554]. **Estimating** [146, 1308, 1833, 2162, 2106, 970, 2453, 317, 1480, 86, 584, 66, 1063, 63, 2192, 2378, 1356, 577, 1952, 2111, 794, 1040, 341, 1663, 1581, 571, 645, 424, 1003, 280, 192, 2533, 1477, 2153, 2130, 1750, 426]. **Estimation** [2156, 1243, 918, 1854, 336, 2037, 91, 2267, 1309, 34, 1443, 2485, 398, 1806, 2192, 2432, 2462, 2550, 915, 2369, 1295, 1888, 2580, 1655, 2128, 2577, 953, 2237, 1264, 554, 1007, 1864]. **Estimator** [2238, 2000]. **Estimators** [998]. **Estradiol** [1521, 1449, 2317]. **Estradiol-17** [1449, 2317]. **Estradiol-Induced** [1521]. **estuaire** [6, 677, 1621]. **estuarien** [2502, 88]. **Estuaries** [676, 704, 2251, 2275]. **Estuarine** [2538, 1835, 438, 999, 1102, 1360, 1586, 599, 942, 2502, 88]. **Estuarine-Dependent** [942]. **Estuary** [558, 1552, 932, 127, 1674, 1220, 1288, 1827, 1463, 323, 677, 1621, 74, 6, 2431, 819, 561, 2360, 1963, 1416, 1].

**état** [478]. **Etching** [2336]. **Ethanol** [1059, 866]. **Ethoxycoumarin** [646].  
**ethylase** [646]. **Ethylation** [2498]. **Etomidate** [997]. **Eubothrium** [861].  
**Eulamellibranches** [1810]. **Euphausia** [875, 478]. **Euphausiacée** [478].  
**Euphausiid** [2511]. **Euphausiids** [1248, 568, 87]. **Euphorbiaceae** [1978].  
**Europe** [234]. **European** [2046, 1898, 236, 2442, 239, 238, 237, 1738].  
**Eurytemora** [1581]. **Eurythermality** [597]. **Eutrophic**  
[910, 161, 1549, 1245, 2566, 917]. **Eutrophication** [610, 2352, 45].  
**Evacuation** [2155, 572, 1077, 1722, 2416]. **Evaluated** [2319, 1967].  
**Evaluating** [681, 2481, 246, 447, 1872, 2205]. **Evaluation**  
[1186, 562, 2106, 1606, 1786, 356, 2057, 1361, 2331, 2263, 1172, 1774, 1065,  
709, 1381, 758, 158, 1510, 2109, 2447, 162, 1192, 2237, 1975, 2411, 1824, 2231].  
**Evasive** [276, 548]. **Event** [2559]. **Events** [1324]. **Evidence**  
[2376, 1680, 14, 2340, 2036, 364, 2328, 838, 509, 1887, 1699, 1405, 2133, 865,  
2319, 618, 215, 2018, 1281, 610, 289, 2619, 740, 1195, 1449, 2347, 2367, 1230,  
1678, 1772, 2045, 328, 329, 474, 2241, 1374, 818, 1903, 2279, 2280]. **Evolution**  
[533, 490, 215, 1633, 416, 1130, 44, 1630, 1135, 1135]. **Evolutionary**  
[989, 1632, 2567, 525]. **évolutives** [2225]. **Examination** [203, 467].  
**Examined** [2563]. **Example** [1788, 831]. **Examples** [128]. **excavata**  
[2320, 902]. **excavate** [679]. **Excess** [1401]. **Excessive** [1486]. **Exchange**  
[60, 2432, 2525, 673, 1416, 162, 1215]. **Exchanges** [2253, 1628]. **Exclusion**  
[1607, 1230]. **Excretion** [2440, 614, 1662, 670, 1919, 181, 2449]. **Exercise**  
[2182, 872, 2012]. **Existence** [1810]. **Exotic** [504]. **Expected** [1025].  
**Experience** [719, 1100]. **Experienced** [2555]. **Experiment**  
[980, 1614, 59, 1567, 2251, 2385]. **Experimental** [1456, 150, 2106, 32, 2122,  
55, 2326, 2468, 1741, 126, 1648, 1281, 2138, 2139, 53, 1101, 1564, 448, 2342,  
99, 1262, 468, 1964, 891, 2455, 1619, 2365, 1653, 113, 1510, 48, 1507, 944,  
2173, 2153, 1626, 2231, 2306, 478, 67, 66, 1382, 59, 2352, 1089, 44, 42, 56].  
**expérimentale** [2306, 478]. **Experimentally**  
[438, 33, 2230, 1259, 282, 1481, 553]. **expérimentaux** [43]. **Experiments**  
[434, 2002, 1858, 1986, 1361, 2597, 1183, 12, 1386, 1510, 1330, 841, 463, 2180].  
**Explain** [1951]. **Exploitation** [1650, 1319, 1174, 1721, 819, 2556].  
**Exploited** [1719, 33, 933]. **Exploratory** [1355]. **Exploring** [38]. **Exponents**  
[2600]. **Export** [2325, 1808, 749]. **Exposed** [1030, 775, 615, 2183, 445, 642,  
2536, 1481, 1695, 1067, 2606, 1414, 1754, 436, 757, 2017, 1588]. **Exposure**  
[2253, 1337, 1894, 2353, 2356, 356, 1222, 2219, 1987, 30, 1676, 1752, 2362,  
2281, 1897, 2283, 2284, 290, 1751, 1537, 1893, 2285, 2278]. **Exposures** [620].  
**Expression** [1151]. **Extended** [2592, 1223, 2219]. **Extension** [2442, 1252].  
**Extent** [1111]. **External** [639, 362, 1180, 938, 1498]. **Extinction** [2407].  
**Extracellular** [464, 1182, 401]. **Extract** [1978]. **Extracted** [726].  
**Extraction** [1385, 95, 1214, 1529, 353, 1203, 1251]. **Extrapolation** [2543].  
**Extrathyroidal** [457]. **Extreme** [1622]. **Extrusion** [2188]. **Eyed** [935].  
  
**f** [161, 2202]. **Fabr.** [1267]. **Face** [816, 377]. **facteurs** [1621]. **Factor**  
[2499, 405, 1298, 1539]. **Factors**

[646, 1797, 1606, 2510, 2110, 2572, 901, 1320, 2522, 547, 1451, 1558, 1895, 2147, 2223, 66, 127, 465, 1389, 2338, 1380, 780, 674, 1958, 2515, 782, 888, 1777, 2297, 2103, 84, 176, 24, 2316, 689, 2562, 224, 703, 2188, 2446, 962, 1896, 2621, 2259, 2363, 1066, 739, 1738, 2308, 2578, 587, 1626, 1621]. **Facultative** [745]. **FAD** [2355]. **falcatus** [1082, 1211]. **Fall** [1229, 2373, 740, 2534]. **Fall-Spawning** [2373]. **Family** [1800, 1804]. **farionis** [987]. **farm** [1862]. **farmed** [1327]. **Farming** [1199, 1285]. **fasciatus** [1598, 925, 1455, 404, 747]. **Fast** [1529]. **Fast-Oxine** [1529]. **Fat** [1517, 29, 1864]. **Fatally** [2589]. **Fate** [151, 2524, 412, 326, 2393]. **Fates** [52]. **Fathead** [2100, 2417, 84, 1663, 849, 1032]. **Fatty** [2473, 1425, 25, 2199]. **Fauna** [492, 837]. **Faunal** [2323]. **Feasibility** [929]. **Features** [362, 1358]. **February** [2245]. **Fecal** [173]. **Fecundity** [1310, 2139, 1073, 211, 1705, 1000, 2283, 2250, 2029, 1586, 1995]. **Fed** [845, 1662]. **Feed** [1186]. **Feeders** [2118]. **Feeding** [900, 1242, 1422, 202, 2436, 2267, 2583, 1741, 613, 2232, 2059, 796, 220, 2551, 288, 2221, 1987, 1379, 299, 1620, 2138, 733, 2142, 23, 2448, 2007, 2574, 1693, 2317, 634, 1489, 2420, 213, 1173, 1, 1008, 588, 1617, 590, 581, 323, 2173, 1261, 1644, 325, 1270]. **Female** [1955, 1466, 1584, 357, 1362, 1742, 10, 2317, 2189, 1488, 297, 1038]. **Females** [1954, 2289]. **Fenitrothion** [2125, 186]. **Fenvalerate** [2027]. **FEP** [2423]. **Ferrous** [1049]. **ferruginea** [1861]. **Fertile** [2334]. **Fertilization** [2116, 1287, 2331, 2571, 1262, 1045, 1166, 1330, 1488, 1782]. **Fertilized** [1642, 2179, 2364]. **Fertilizer** [1045]. **Fiber** [414, 765, 2202]. **Fibers** [1508]. **fibres** [408]. **Fibrils** [807, 1059]. **Fibroblastic** [139]. **Fickian** [676]. **Fidelity** [1579]. **Field** [1681, 1550, 1717, 1820, 2001, 1155, 556, 1168, 332, 1281, 1356, 2462, 1361, 2251, 642, 1494, 321, 435, 2597, 938, 131, 2207]. **Fifth** [1041]. **Filamentous** [194]. **Films** [1304]. **Filter** [1741, 1083, 2173]. **Filter-Feeding** [1741, 2173]. **Filtering** [1320, 1891]. **Filters** [2202, 1514]. **Filtration** [2476, 2065, 2027, 1844]. **fimbria** [562, 2108, 1000, 1617, 659]. **Fin** [984, 1699, 1517, 68, 195, 2243, 1032, 442]. **Fin-Ray** [68]. **Financial** [1285, 1099]. **Findings** [1969]. **Fine** [1046, 2035, 292, 1704, 300]. **Fine-spotted** [2035]. **Fingerling** [108]. **Fingerlings** [2245, 904]. **Fingernail** [854]. **Finite** [2539, 1183]. **Finland** [236, 235, 237]. **finmarchicus** [299, 2063]. **Finned** [1296]. **Fire** [46]. **First** [317, 332, 1379, 1513, 1667, 1983, 748, 48, 1151, 2290, 390, 774]. **First-** [1983]. **First-Generation** [2290]. **First-Order** [332]. **Fish** [923, 2107, 495, 2272, 2038, 2340, 492, 1030, 1520, 414, 1601, 316, 1866, 532, 1095, 2106, 2413, 2414, 2547, 483, 1175, 779, 2037, 156, 2050, 1373, 1511, 1811, 2559, 2436, 2127, 1834, 964, 2353, 2437, 230, 2433, 2002, 529, 820, 2052, 535, 1634, 2000, 2006, 2358, 1185, 2466, 1113, 676, 932, 1076, 1478, 2098, 2586, 2318, 1027, 640, 986, 1206, 877, 2192, 559, 538, 999, 734, 1080, 887, 2462, 473, 1369, 1915, 1247, 2355, 688, 2506, 160, 518, 622, 878, 1819, 1388, 1636, 1384, 139, 1410, 1365, 1228, 132, 485, 536, 537, 1210, 2614, 1683, 806, 1638]. **Fish** [350, 528, 330, 828, 454, 1172, 521, 2165, 836, 1693, 1603, 1527, 1053, 1394, 262, 345, 447, 1040, 1101, 1329, 1387, 2316, 2571, 351, 634, 2617, 1629, 689,



303, 456, 711, 1468, 805, 1937, 833, 1201, 953, 2446, 321, 913, 798, 2135, 1736, 298, 2322, 1848, 2064, 2049, 2532, 135, 305, 2588, 755, 1515, 1103, 1989, 1632, 1643, 73, 1932, 2363, 914, 2164, 1392, 2483, 517, 493, 2600, 1386, 965, 1928, 2444, 2445, 1473, 831, 1630, 2366, 586, 412, 1018, 1245, 565, 534, 452, 750, 1036, 1869, 1402, 2003, 595, 522, 1524, 1498, 141, 599, 835]. **Fish** [1652, 942, 442, 1007, 2344, 185, 1824, 2231, 714, 851]. **Fish-Aggregating** [2355]. **Fished** [584, 2330]. **Fisheries** [472, 1650, 114, 549, 2276, 2429, 2050, 169, 993, 994, 1366, 144, 366, 1310, 1461, 698, 1063, 2481, 398, 1981, 2222, 1212, 876, 1338, 1980, 374, 153, 1701, 2422, 2518, 519, 2132, 1513, 521, 500, 668, 1615, 1512, 2295, 1559, 879, 71, 920, 1792, 1728, 2349, 1769, 2028, 1252, 235, 2308, 1664, 2612, 883, 2423]. **Fishermen** [1279, 1776, 582, 2187]. **Fishery** [1096, 486, 802, 1025, 1764, 993, 2520, 128, 206, 2228, 893, 2299, 2204, 2301, 1760, 2172, 279, 1888, 2062, 2590, 1761, 1298, 694, 1278, 1355, 73, 1418, 1816, 2354, 864, 1928, 602, 1133, 523, 1069, 824, 1099, 804]. **Fishes** [947, 725, 1319, 2585, 2061, 201, 2055, 542, 1406, 1347, 527, 375, 662, 811, 1856, 2346, 1850, 597, 1281, 1672, 487, 752, 577, 1236, 488, 5, 96, 1002, 2288, 85, 199, 2117, 1147, 1740, 655, 2377, 29, 883]. **Fishing** [1790, 664, 730, 2355, 2614, 200, 1512, 1429, 1167, 1816, 2483, 1133, 1024, 237, 1448]. **Fishless** [2396]. **Fishway** [1825]. **Fishways** [1473]. **Fitness** [1701, 102, 525]. **Fitting** [1706, 158]. **Five** [1164, 1573, 512, 622, 2615, 1693, 203, 1936, 2167]. **Fixation** [968, 64, 63, 674, 2447, 743, 917]. **Fixed** [1638]. **Fixing** [2057]. **Fjord** [1248, 2619, 2620]. **Fjords** [884]. **Flagfish** [101, 1676, 1580]. **Flame** [1904]. **flaring** [1422]. **Flatfish** [2289, 416, 748]. **flavescens** [2376, 2068, 1449, 1506, 2317, 1077, 1884, 2464, 2292, 1962, 2, 1200, 2045, 2305, 2597, 570, 1392, 1231, 1696, 2479]. **Flavor** [1160, 185]. **Fleet** [1253, 1247, 1980]. **Fleets** [1366]. **Flemish** [1146]. **Flesh** [1409]. **Fleshed** [2494]. **Flex** [949]. **Flexibacteria** [135, 305]. **Flexibility** [2436, 811]. **Flexible** [86]. **Flies** [2522]. **Flin** [203]. **Floating** [1813]. **Floating-Leaved** [1813]. **Flocculation** [168]. **Flock** [1403]. **Flon** [203]. **Flooded** [1095]. **Flooding** [1747, 2039]. **Floodplain** [1852]. **Floods** [2346, 2323]. **Flora** [9]. **Florida** [963, 2126, 1021, 1075, 2262, 2321, 2510, 1775, 1777, 1760, 1774]. **floridae** [101, 1676, 1580]. **flottabilité** [1327]. **Flounder** [603, 650, 2055, 1861, 393, 865, 1174, 572, 2434, 617, 2322, 594, 1425, 1967, 430]. **Flounders** [783]. **Flow** [2476, 2104, 32, 2575, 1887, 1389, 816, 469, 1484, 75, 806, 10, 1351, 1658, 1917, 1058, 1125]. **Flow-through** [1058]. **Flowing** [2409, 1768]. **Fluctuating** [2543, 2031]. **Fluctuations** [1159, 1759, 1867, 1962, 2225]. **Fluid** [1844, 2607, 1943]. **Fluids** [1179]. **Fluorescence** [2498, 2080, 131, 2270]. **Fluorescent** [92, 1844]. **Flushed** [166, 1284]. **fluviatilis** [236, 239, 238, 237]. **Flux** [2217, 2496, 1150, 1126, 62, 1414, 1258, 1225, 449]. **Fluxes** [2277, 1883, 2261, 2120, 1843, 2279]. **Fly** [1614, 2176, 2294, 2577, 1121]. **Fly-Caught** [1614]. **Focal** [2175, 2500]. **Follicle** [1499]. **Followed** [2498]. **Following** [1456, 1224, 2386, 2392, 1913, 332, 1831, 1752, 593, 1493, 904,

2395, 1383, 297, 1422, 1096, 1862, 1200]. **Fonction** [86]. **fontinalis** [646, 310, 2276, 346, 2277, 551, 726, 1744, 2356, 2396, 450, 1709, 502, 1119, 2234, 2389, 2299, 1984, 1499, 2214, 1316, 2281, 948, 2283, 2284, 181, 1235, 1523, 1057, 2391, 2395, 1751, 1537, 1754, 1893, 2233, 1947, 2285, 2282, 504, 390, 2278, 2279, 2280]. **Food** [2046, 1717, 151, 1319, 2413, 983, 2522, 1861, 375, 1269, 1784, 9, 1390, 2497, 2462, 661, 1849, 1259, 2452, 566, 1517, 1693, 1963, 1527, 447, 1040, 1884, 71, 98, 1158, 581, 1504, 326, 757, 1826, 1339, 2207, 1454, 2306]. **Food-Chain** [1339]. **Food-Induced** [2046]. **Food-Limited** [1390]. **Forage** [1388, 261]. **Foraging** [2585, 1462, 811, 2512, 1346, 258, 1959, 2163, 1483, 2197, 2599, 2523]. **Forbes** [1618, 1270]. **Force** [261, 260, 262]. **Forced** [2235, 2236, 2591, 1869]. **Forcing** [1788, 2619, 2620]. **Forecast** [2475]. **Forecasting** [2194, 1940, 718, 1163, 1006, 452, 2205]. **Forecasts** [2249, 2604, 2598]. **Foreign** [2244]. **Foreign-Particle** [2244]. **Forest** [2357, 1852, 277, 749, 1045, 46, 2438, 1704]. **Forested** [46]. **Foreword** [42]. **Fork** [1663]. **Form** [437, 1032, 1596, 2306]. **Formalin** [866, 674]. **Formation** [2333, 1440, 2624]. **forme** [2306]. **Formed** [2103]. **formes** [478]. **Forming** [1469, 2089]. **Forms** [1105, 1151, 2371, 478]. **Formulation** [1709]. **Fortnightly** [1371, 1867]. **Forward** [546]. **Fossil** [2482, 1019]. **Found** [2600, 208]. **Four** [2554, 1226, 2127, 1883, 977, 2243, 1935, 1032, 1596]. **Fourier** [1654]. **Fourteen** [1819]. **Fowlkes** [2210]. **Foxe** [1566]. **Fraction** [1033, 1059]. **Fractionation** [2118]. **Fractions** [630]. **Framework** [2288]. **Fraser** [1, 2162, 1534, 1882, 560, 561, 1536, 1860, 2516]. **Frazer** [2195]. **Free** [423, 746, 307, 1573, 1078]. **Free-Living** [746]. **Free-Swimming** [1078]. **Freeze** [2200, 837]. **Freeze-Core** [837]. **Freezing** [866, 1491, 2611]. **French** [543, 899, 1490, 2502, 714, 6, 1267, 677, 1621, 1125, 1135, 1767, 761, 1327, 2306, 1862, 658, 870, 88, 1525, 478, 1749, 265]. **Frequencies** [489, 2058, 1637]. **Frequency** [1141, 1972, 986, 1607, 1440, 2235, 172, 2243, 1891]. **Frequency-Dependent** [2235]. **Fresh** [1134, 2097, 611]. **Freshwater** [2529, 895, 625, 72, 165, 505, 156, 1618, 1462, 1419, 1542, 2027, 1850, 1164, 395, 63, 1573, 1281, 1672, 2544, 538, 473, 903, 1739, 1395, 593, 1902, 1430, 387, 1807, 1900, 1236, 1638, 1002, 1697, 1111, 2135, 1896, 2542, 143, 113, 1285, 51, 431, 61, 1957, 1539, 1809, 2034, 1196, 29, 2298, 1482, 1906, 311, 1211, 1965, 2167, 714]. **Freshwaters** [2140, 1104]. **Fronde** [2185]. **Front** [2066]. **Frontal** [292]. **Frustules** [148]. **Fry** [1709, 197, 1052, 859, 606, 2302, 1853, 593, 1102, 365, 2315, 926, 1145, 2241, 1754, 1569, 2119, 702, 1997, 2530]. **Fuel** [1019, 1481]. **Full** [2090]. **Fullness** [1173]. **fulvescens** [2204]. **Function** [2156, 1839, 560, 876, 2100, 1940, 2135, 16, 1014, 1893, 1302]. **Functional** [1716, 2335, 2102, 1720, 2111, 1121, 1264, 881]. **Functions** [91]. **Fundulus** [1733, 2606]. **Fundy** [746, 946, 1511, 1770, 909, 776, 568, 2320, 2377, 372, 679, 1801]. **Funnel** [122]. **Further** [1568]. **Furunculosis** [1406, 99]. **fuscum** [2338]. **fuscum/mixtum** [2338]. **Future** [539]. **Fyke** [1057].

**Gadid** [1051]. **Gadus** [1820, 2428, 1878, 2208, 2200, 190, 1474, 1821, 639, 2540, 617, 1921, 1444, 727, 274, 1619, 2236, 2591, 2427, 2199, 1325, 1604, 2130, 1448]. **gaffkemia** [1862]. **gaffkémie** [1862]. **gairdneri** [1459, 1668, 2107, 1186, 2254, 2253, 108, 1337, 510, 1165, 13, 1340, 1020, 1589, 1260, 1521, 1894, 2372, 2356, 1689, 2440, 133, 405, 1372, 2125, 1719, 457, 1614, 1160, 1222, 1223, 2219, 197, 897, 795, 1268, 1847, 1822, 1746, 686, 981, 765, 1645, 22, 30, 1354, 2012, 1853, 160, 955, 289, 1493, 1919, 186, 715, 710, 2359, 1688, 1829, 1830, 1505, 1195, 1675, 2060, 2362, 1708, 1312, 2342, 99, 813, 1944, 1494, 467, 913, 451, 331, 1532, 1190, 410, 181, 1234, 2334, 2324, 2168, 1749, 2011, 2120, 2361, 738, 462, 862, 1523, 340, 1067, 1213, 2447, 1414, 2096, 2348, 419]. **gairdneri** [1588, 2226, 319, 751, 389, 21, 265]. **galilaea** [2173]. **galilaeus** [877]. **Galilee** [877]. **Gammaracanthus** [2568]. **Gammaridae** [1]. **Gammarus** [438, 2167, 1789, 2442]. **Gape** [2038]. **Gas** [2498, 60, 1715, 1474, 2171, 2060, 2362, 1280]. **Gases** [1414, 2278]. **Gasoline** [2022]. **Gaspé** [6]. **gaspésienne** [6]. **Gasterosteus** [2400, 2142, 1807, 2043, 1162]. **Gastric** [572, 1077, 1722, 2416]. **Gastropoda** [2460]. **Gauntlet** [2349]. **Gear** [2462, 2465, 1167, 2427]. **Gel** [940]. **Gene** [2104, 1887, 2133, 816, 1630, 1917, 1135]. **Genera** [2568]. **General** [2423, 680, 1980, 1715, 1500, 1467, 1303, 1714, 1928, 381]. **Generalist** [1633]. **Generalized** [2453, 1868, 1178, 1706]. **Generalizing** [1252]. **Generating** [2604]. **Generation** [299, 2290]. **generosa** [612]. **Genetic** [1305, 1431, 2026, 2104, 1887, 508, 438, 147, 376, 730, 2092, 2371, 104, 816, 1913, 1910, 142, 159, 1878, 2553, 1729, 2216, 1701, 291, 740, 519, 515, 2044, 1444, 2595, 1190, 157, 506, 2361, 8, 493, 1694, 1885, 2101, 2035, 1194, 522, 294, 2290, 2404, 1664, 1345, 1135]. **Genetics** [491, 1118, 1143, 484, 1629, 805]. **génétique** [1135]. **géniques** [1135]. **Genotypic** [911]. **Genus** [2328, 2402, 2595]. **Geochemical** [1071, 1339]. **Geochemistry** [1012]. **Geodock** [612]. **Geographic** [1292, 2456, 2494, 2448, 2289, 637, 328]. **Geographical** [901, 658]. **géographique** [658]. **Geography** [492]. **Geometry** [2457]. **Geophysically** [2591]. **Geophysically-Forced** [2591]. **George** [1890]. **Georges** [672, 1620, 673, 1820, 1861, 656, 1594]. **Georgia** [883, 880, 1387, 2257, 14, 1882, 882, 772, 881, 884, 879, 1472, 885]. **Geosmin** [1160, 185]. **Geothermal** [982]. **GF** [2202]. **GF/C** [2202]. **GF/F** [2202]. **gibberum** [2340, 1864]. **gibbosus** [180, 2094, 2523, 954]. **gibhosus** [276]. **gigas** [2306, 669]. **Gill** [2258, 1422, 76, 289, 488, 1329, 1992, 788, 1167, 2285, 194, 389, 550]. **Gill-flaring** [1422]. **Gills** [1226, 410, 1234, 2447]. **Glacial** [2564, 2568]. **Glaciated** [475]. **Glacier** [2044, 1826]. **Glass** [2190, 2202, 312]. **Glass-Fiber** [2202]. **Gluconeogenesis** [2233]. **Glucose** [2258, 686]. **Glutamate** [21]. **Glycine** [707]. **Glycol** [2476]. **Glyptocephalus** [603, 393]. **Gmelin** [1979]. **Godbout** [1538]. **Goitred** [2616]. **Golden** [2512, 897, 2452]. **Goldeye** [2458]. **Goldfish** [1240, 445, 767]. **golfe** [1267, 1767]. **Gonad** [1902]. **Gonadal** [1187, 762, 529, 2479]. **Gonadosomatic** [2477]. **Gonadotropin**

[1977, 2054]. **Gonadotropin-Releasing** [1977]. **Gonadotropin-Releasing** [2054]. **Gonadotropins** [533]. **Gonads** [531]. **Gonyaulax** [2320, 902, 679]. **gorbuscha** [1431, 1286, 1913, 288, 1560, 1331, 2488, 705, 2163, 365, 2005, 1194, 1860]. **Gorge** [2327]. **Governing** [901]. **gracilis** [1051]. **Gradient** [1547, 959, 1582]. **Gradients** [111, 1725, 832]. **Graduate** [541]. **Graebn** [744]. **Grain** [950]. **Grand** [404, 812, 1771, 397]. **Granulomatosis** [2046]. **Graphical** [597, 1858]. **Gravel** [196, 821, 1046, 950, 648, 2438]. **Gravels** [20]. **Grayling** [1897, 588]. **Graylings** [2112]. **Grazing** [1635, 656, 1942, 2566, 466]. **Great** [492, 2263, 175, 223, 510, 2169, 592, 838, 483, 206, 1913, 231, 2553, 487, 512, 2216, 153, 241, 240, 485, 705, 2616, 578, 579, 262, 211, 224, 427, 225, 1553, 259, 294, 208]. **Greater** [2417]. **greeleyi** [1924]. **Green** [895, 2510, 1835, 2319, 63, 2331, 1082, 1890, 1518, 1957, 743, 429, 1975, 622, 245]. **Greenland** [2161, 376, 699, 1081, 1623, 2354]. **Grey** [1912, 793, 1031]. **Grilse** [1435]. **groenlandica** [848, 918, 1309, 1031, 871, 1568]. **groenlandicus** [357]. **Gross** [321]. **Ground** [584, 1491, 2532]. **Groundfish** [1650, 2515]. **Groundfishes** [651]. **Groundwater** [2357, 1401]. **Group** [91, 2040]. **Groups** [847, 1983, 2549]. **Growing** [1269]. **Grown** [1585, 1686, 669]. **Growth** [1668, 2107, 1681, 1797, 1404, 1550, 177, 821, 996, 2182, 1030, 869, 1257, 1508, 1601, 1187, 2474, 316, 1998, 26, 2413, 2414, 2547, 983, 2122, 2517, 1025, 115, 342, 1776, 55, 1820, 2300, 1161, 650, 2428, 946, 1873, 1367, 1990, 464, 726, 128, 737, 2068, 1451, 1687, 1552, 1842, 1269, 664, 1029, 719, 2375, 1634, 2000, 86, 1185, 1107, 1317, 76, 1879, 1248, 116, 730, 2218, 2345, 2521, 1382, 2206, 621, 1174, 502, 1390, 1625, 636, 1164, 2389, 1612, 1379, 2138, 33, 1729, 1447, 765, 1567, 688, 2012, 2208, 2047, 2196, 1853, 1777, 1296, 373, 1945, 915, 1344, 387]. **Growth** [1710, 503, 773, 1837, 1449, 2317, 874, 2501, 1667, 2508, 341, 815, 296, 68, 2464, 711, 121, 1706, 2420, 585, 420, 2128, 1968, 2271, 2283, 49, 2250, 1647, 703, 1360, 2189, 321, 1803, 2094, 607, 2266, 1429, 1239, 1823, 290, 977, 2489, 1892, 2588, 1423, 1593, 2365, 2257, 1235, 914, 1523, 31, 1008, 2099, 431, 655, 172, 439, 2444, 2395, 2366, 1067, 1535, 612, 1213, 563, 707, 474, 1486, 1463, 1504, 1537, 1754, 2233, 2479, 2557, 2546, 1652, 1028, 936, 138, 2207, 193, 702, 397, 743, 917, 2502, 1985]. **Growth.of** [1617]. **grypus** [1912, 793, 1031]. **Guidelines** [518]. **Gulf** [2184, 1267, 376, 1767, 2196, 2235, 323, 1321, 441, 2428, 1511, 127, 142, 780, 2141, 306, 2609, 1318, 2066, 1441, 1358, 319]. **Gull** [248]. **Gulland** [158]. **gulosus** [725]. **Gun** [2469]. **Gupeidae** [1579]. **Guppies** [2365, 936]. **Guppy** [290]. **Gustatory** [2344, 2570]. **Gut** [9, 2412, 1173].

**H** [2570]. **H.** [1143]. **Habitat** [201, 2127, 375, 662, 1744, 1702, 2192, 887, 1746, 2230, 661, 2457, 145, 2142, 1963, 2548, 2315, 304, 2564, 843, 1463, 1219, 1454]. **Habitats** [2515, 854, 407]. **Habits** [613, 2059, 1158, 581]. **Haddock** [1820, 2428, 1474, 1821, 2540, 1594]. **Haematractidium** [109]. **Haemolymph** [1628]. **Haemolysin** [1182]. **Hake**

[202, 4, 866, 2574, 1941, 976]. **Half** [913]. **Half-lives** [913]. **Halibut** [2161, 376, 2092, 1143, 1108, 699, 341, 2590, 2465, 1424, 2149]. **Halichoerus** [1912, 793, 1031]. **Hamilton** [2342]. **Hampshire** [2008, 1434]. **Handline** [694]. **Handling** [623, 108, 1337]. **Harbor** [1031]. **Harbour** [558, 2342]. **Hard** [2348]. **Hardness** [1340, 1688]. **Hardwater** [855]. **hareng** [6, 677, 1621]. **harengus** [729, 6, 677, 1621, 339, 2198, 1958, 1996, 2138, 2139, 776, 740, 1666, 1983, 2477, 1065, 585, 399, 1180, 2611, 2257, 1156, 706, 831, 563, 1139, 590, 2205, 1995, 1604, 2576, 1026, 271, 2053, 2430, 6, 677, 1621, 776, 740, 1209, 2609, 1489, 1666, 1983, 2477, 585, 399, 1180, 1583, 563, 1139, 1358, 1359, 138, 1026, 271]. **Harp** [357, 848, 918, 1309, 1031, 871, 1568, 1577, 1363]. **Harpacticoid** [1404, 1509, 717]. **Harvest** [1366, 2198, 1369, 1516, 2349, 2598, 297]. **Harvested** [1467]. **Harvesting** [34, 2301, 2185, 2438, 255]. **Harvests** [266]. **Hatcheries** [1492, 373]. **Hatchery** [177, 1985, 823, 719, 1857, 1675, 1674, 2508, 971, 363, 1805, 1483, 268, 1142, 8, 195, 1213, 1804, 2290]. **Hatchery-Produced** [1483]. **Hatchery-Raised** [1857]. **Hatchery-Reared** [177, 1674, 195, 1213]. **Hatching** [2448, 2359, 103, 2286]. **Hawaii** [1762, 1285]. **Hawaiian** [2435, 694]. **HCB** [467]. **HCO** [1234]. **Head** [2348, 1944]. **Headwater** [2325, 1895, 2313, 2114, 2115, 655, 2388]. **Headwaters** [947]. **Healing** [1275]. **Health** [2536]. **Heart** [2368, 2033]. **Heat** [441, 289, 1505, 1991]. **Heat-Stressed** [289]. **Heated** [565]. **Heavy** [592, 2326, 51, 1018, 1957, 2549, 81, 658]. **Heavy-Metal** [81]. **Hecate** [893, 867, 1604]. **Held** [1902, 188, 611]. **Helicolenus** [969]. **Hematocrit** [2258, 29]. **Hematologic** [2450]. **Hematological** [1223, 813]. **Hematology** [2278]. **Hematopoietic** [2476, 675, 926, 1812, 1943, 1944]. **Hemitripterus** [1113]. **Hemocytes** [2244]. **Hemoglobin** [445]. **Hemoglobins** [2451]. **Henneguya** [1056, 1409]. **Hepatic** [646, 865, 186, 738]. **Hepatocytes** [1468]. **Herbivore** [173]. **Herbivores** [2298]. **Herbivorous** [271]. **herdmani** [1581]. **Here** [260]. **Hereditary** [2347]. **Herklotsichthys** [2557]. **Herring** [729, 1882, 1654, 2053, 2430, 2345, 1118, 339, 2198, 674, 772, 1958, 1996, 2138, 2139, 713, 745, 1485, 2550, 776, 740, 1209, 2609, 1602, 362, 1489, 1666, 1983, 2477, 1065, 585, 399, 1180, 2532, 2611, 1583, 1156, 706, 831, 1472, 602, 563, 1139, 1358, 1359, 590, 2205, 1995, 2557, 1604, 2576, 138, 1026, 271, 1923, 6, 677, 1621]. **Herrings** [2257]. **heteroclitus** [1733, 2606]. **Heterogeneity** [2550, 2086]. **Heterogeneous** [1980]. **Heterotrophic** [2593, 2082]. **Hexachlorobenzene** [467]. **Hexachlorobiphenyl** [578, 579]. **Hexagenia** [2412, 2186]. **hexyl** [399]. **Hg** [203, 1103, 1899]. **High** [313, 1509, 628, 438, 2213, 1365, 1393, 1172, 2605, 1753, 1333, 1725, 83]. **High-Density** [1509]. **High-Performance** [628]. **High-Pressure** [313]. **High-Resolution** [2605]. **High-Speed** [2213]. **Highly** [398, 1127, 1906]. **Hills** [643]. **Hiodon** [2458]. **Hippoglossoides** [617, 2161, 376, 699]. **Hippoglossus** [2092, 1143, 1108, 2590, 2465, 1424, 2149]. **hirundinella** [2224]. **hispidus** [1399, 270, 2212, 2549]. **Histological** [892, 1528]. **Histology** [727]. **Histopathology** [2060]. **Historical** [2482, 509, 1421]. **Histories**

[1154, 1429, 2557]. **History** [1146, 2036, 1882, 2535, 510, 1141, 2008, 395, 1073, 444, 512, 1266, 2273, 883, 705, 1675, 1000, 2425, 420, 654, 1516, 979, 833, 1544, 1130, 1326, 222, 2226, 1321, 1982]. **Hjort** [1324]. **Hokkaido** [2175]. **Holopedium** [2340, 1864]. **Holophryxus** [476]. **Holt** [1069]. **homard** [1767, 870]. **homards** [1862]. **homari** [1290, 1292, 1597, 1862, 1289, 1291].

**Homarus**  
 [1290, 1271, 1779, 1681, 1680, 2370, 620, 1781, 1955, 1789, 1292, 946, 978, 1276, 1597, 1771, 1770, 2582, 1990, 1005, 324, 1179, 1294, 1784, 124, 1768, 1758, 1791, 2069, 672, 780, 2141, 1662, 1767, 2047, 2196, 591, 2558, 1293, 1959, 2442, 1862, 2561, 870, 873, 2189, 2188, 846, 1772, 648, 1778, 1785, 1289, 1488, 1782, 466].

**Homeostatic** [878]. **Homing** [2441, 487, 713, 2347, 1772, 1142, 2058, 1026]. **Homology** [305]. **Homozygous** [331]. **Hood** [814]. **Hooded** [1854, 2177]. **Hook** [694]. **Hooking** [2263]. **Hooks** [584, 2540]. **Hoplonemertea** [1289]. **Horizontal** [1811, 1323, 433, 673, 1767]. **horizontale** [1767]. **Hormonal** [529, 1449]. **Hormone** [1668, 2107, 2182, 1269, 1977, 2616, 2615, 2266, 611]. **Hormone-induced** [611]. **Hormone-Sterilized** [2266]. **Hormones** [1506, 1992, 2054]. **Host** [604]. **Hot** [647]. **Hotelling** [1278]. **Hovvatn** [1383]. **Howe** [1953]. **Hoxie** [2327]. **hoi** [2311, 2497, 2166, 1872]. **HPLC** [1847]. **huître** [2306]. **Hudson**  
 [1371, 471, 654, 1745, 1313, 269, 2204, 1566, 143, 949, 369, 629]. **hudsonica** [1581]. **Human** [1457, 1298]. **Humic** [1541, 1986, 277]. **Humpback** [2589, 284, 1081]. **Humus** [1971]. **Huron**  
 [2593, 222, 511, 933, 1447, 2166, 287, 243]. **Hyaella**  
 [1951, 1950, 1875, 797, 1539, 2293]. **hyalina** [1415]. **Hybrid** [346, 502, 504]. **Hybridization** [364, 2328, 413, 1260, 1733]. **Hybridized** [897]. **Hybrids** [988, 1151, 1241]. **Hydraulic** [2457]. **Hydroacoustic** [440, 2164, 2237]. **Hydrocarbon** [2132]. **Hydrocarbons** [636, 1683, 846, 2322, 392]. **Hydrodynamic** [2527]. **Hydrodynamics** [763, 1869]. **Hydroelectric** [1205, 2312]. **Hydroextraction** [168]. **Hydrogen** [2013, 2509, 2356]. **Hydrographic** [1159, 1453, 465, 1157]. **Hydrographical** [618]. **Hydrography** [5, 1657]. **Hydrologic** [973, 2170]. **Hydrology** [1971, 2388]. **Hydrolysis** [2134]. **Hydromedusa** [2532]. **Hydromedusae** [200]. **Hydromedusan** [1242]. **hydrophila** [1576]. **Hydrophobic** [2190]. **Hydropsyche** [1218]. **Hydropsychid** [687, 1826]. **Hydropsychidae** [1218]. **Hynes** [986]. **Hyolimnion** [1836]. **Hypereutrophic** [2331, 2202]. **Hypersaline** [1725]. **Hypertrophic** [968, 428, 429]. **Hypochlorite** [106]. **Hypolimnetic** [910, 1433, 57, 1036]. **Hypolimnion**  
 [198, 1049, 1920, 1570, 45]. **Hyposaline** [2191]. **hypothèse** [2225]. **Hypotheses** [377]. **Hypothesis** [1951, 289, 258, 1324, 621]. **Hypoxia** [2324, 1696, 936]. **Hypoxic** [599].

**iavaretus** [2095]. **Ice**  
 [1277, 1948, 909, 1371, 691, 1907, 188, 471, 24, 596, 1991, 2158, 2578]. **Ice-Covered** [1277, 24, 691]. **Iceland** [2273]. **Icelandic**

[921, 1123, 1163, 2354]. **Ichthyofauna** [5]. **Ichthyomyzon** [1924].  
**Ichthyophthiriasis** [751]. **Ichthyoplankton**  
[633, 2213, 756, 2289, 1220, 1050, 300]. **Icta** [1507]. **ictaluri** [1507, 2495].  
**Ictalurus**  
[1110, 2105, 2499, 2381, 79, 652, 615, 566, 997, 1926, 788, 411, 421, 1230, 436].  
**Idaho** [2022]. **Identification**  
[1550, 1305, 1431, 2026, 2247, 609, 1458, 1009, 1051, 159, 516, 1191, 1598, 752,  
515, 387, 2044, 600, 969, 2477, 805, 785, 268, 493, 1979, 1241, 1922, 2612].  
**Identifications** [2358]. **Identified** [399]. **Identify** [1128, 1278]. **Identifying**  
[1302, 1514]. **Identity** [708]. **if** [1699]. **II** [2414, 2397, 1011, 1930]. **III**  
[2547, 1012]. **illecebrosus** [1296, 35]. **Illex** [1296, 35]. **Image** [2053].  
**Imaging** [1409]. **Immersion** [458, 751]. **Immigration** [696].  
**Immobilization** [334]. **Immune** [1165, 1838]. **Immunity** [1406].  
**Immunochemical** [2239]. **Immunocompetence**  
[2345]. **Immunoenzyme** [350]. **Immunofluorescent** [1291]. **Immunogen**  
[751]. **Immunogenic** [726]. **Immunogenicity** [551]. **Immunosorbent**  
[1841]. **Impact** [1882, 2401, 2326, 656, 2027, 1974, 640, 1100, 1739, 1676,  
1256, 1148, 1603, 2214, 2185, 368, 2487, 522, 818]. **Impacted** [2095].  
**Impacts** [1648, 2151, 1615, 1145, 226, 2173]. **Impairs** [861]. **Impassable**  
[2407]. **Implantation** [1838]. **Implicated** [185]. **Implication**  
[533, 711, 1594]. **Implications** [2247, 514, 366, 1310, 1519, 1580, 1759, 291,  
945, 2617, 68, 2590, 644, 506, 2579, 98, 497, 1728, 254, 817, 323, 1339].  
**Import** [2170]. **Importance** [899, 74, 2585, 1075, 557, 2217, 934, 1530, 299,  
145, 1102, 2297, 1221, 836, 2251, 2446, 2094, 1326, 1216, 917, 899].  
**Important** [623, 66, 813, 1448, 1783]. **Impoundment**  
[1096, 1098, 1417, 1086, 1088, 1087, 2103, 1084, 1090, 1091]. **Impoundments**  
[2138]. **Imprecise** [1914]. **Imprinting** [2441, 487, 2367]. **Improve** [929].  
**Improved** [596, 1402, 1058, 1864]. **Improvements** [1800, 635]. **Improving**  
[1776]. **In-Lake** [2419]. **In-line** [1083]. **Inactivation** [647]. **Incidence**  
[2005, 1007, 1862]. **Including** [1800]. **Inclusion** [1900]. **Incomplete** [146].  
**Incorporating** [893]. **Incorporation** [359]. **Increase** [1183]. **Increased**  
[2230, 765, 1945, 57, 245, 988, 419]. **Increases**  
[2182, 1095, 1946, 1994, 266, 1735]. **Increasing** [549, 1101]. **Increment**  
[915, 1440, 1505, 1429]. **Incremental** [1351]. **Increments**  
[650, 1250, 1296, 1710, 703, 702]. **Incubated** [1379]. **Incubation**  
[197, 1060, 926, 1943, 2095, 2438, 2113, 56]. **Incubators** [821, 781].  
**Independent** [2098, 298, 1722]. **Independently** [2210]. **Index** [2586, 2550,  
638, 787, 2477, 1867, 1653, 131, 1503, 2418, 1324, 707, 2150, 81, 1864, 1490].  
**Indexing** [1357, 1482]. **Indian** [1093, 1096, 1098, 1092, 1097, 1986, 1086,  
1100, 1088, 1087, 1085, 1084, 1090, 122, 1094, 1099, 1091, 71]. **Indiana** [855].  
**Indicated** [2204, 713, 1500, 1136, 1026]. **indicateurs** [658]. **Indicator**  
[1186, 987, 2580, 738]. **Indicators** [2256, 58, 75, 639, 1489, 948, 599, 658].  
**indice** [1490]. **Indices** [1764, 2001, 645, 1914, 1057, 669]. **Indigenous** [504].  
**Indirect** [2340, 1586, 1741]. **Individual** [1520, 1025, 1247, 31, 1957, 804].

**Individuals** [1812, 226]. **Induced** [2046, 2105, 2258, 2304, 2014, 865, 1206, 289, 1329, 1532, 988, 256, 1967, 178, 257, 611]. **Induction** [2342]. **Industrial** [1839, 698, 849]. **Industry** [1069]. **inermis** [1248]. **Inertia** [2526]. **Infaunal** [372]. **Infected** [132, 553, 647]. **Infection** [107, 1666, 1619]. **Infections** [1507]. **Infectious** [2476, 1009, 675, 926, 1812, 1943, 1944, 736, 553]. **Infective** [1564, 941]. **Inference** [1183]. **Inferences** [755]. **Inferred** [1730, 2159, 1360, 2289, 2058]. **Inferring** [2300, 1173]. **infertile** [2334]. **Infestation** [1597]. **Infestations** [1783]. **influentant** [1621]. **Influence** [1271, 1779, 1404, 177, 996, 1436, 583, 32, 2122, 1340, 477, 1661, 650, 2262, 2572, 542, 964, 2068, 2078, 324, 719, 2125, 2116, 1784, 1971, 76, 1698, 2551, 2244, 1541, 1850, 1027, 2131, 2405, 1184, 1734, 1485, 1322, 1297, 2260, 1821, 797, 1688, 1505, 579, 5, 1435, 971, 2617, 2548, 1890, 2420, 2117, 125, 1848, 437, 1140, 1679, 1491, 594, 2324, 694, 2011, 1643, 2363, 1899, 1386, 1556, 1237, 1957, 1995, 1982, 1176, 1644, 2413, 2414, 2547]. **Influenced** [1708, 853, 1679].

**Influences** [896, 1029, 2170, 982, 330, 1565, 1144, 1536, 1515, 2030, 19, 545, 2032].

**Influencing** [2510, 2522, 1895, 127, 780, 2515, 888, 224, 703, 2188, 962, 1896, 1066, 587, 1626, 1621, 1527]. **Influenza** [1031]. **Influx** [2348]. **Information** [1350, 891, 2588, 184, 2003, 1982]. **Infrared** [2433]. **Ingested** [151].

**Ingestion** [737, 2484, 2311, 2176, 2294]. **Ingestion-Limited** [737].

**Inhabiting** [2506, 318]. **Inhibition** [1240, 186, 1544, 103, 2233]. **Initial** [733, 470, 1259, 2448, 2111, 1282]. **Injection** [45]. **Inland** [503]. **Inlet** [1043, 179, 159, 1822, 155, 1044]. **Inorganic** [2357, 1964, 1140, 1193, 1176, 1649, 1211, 1525]. **inorganique** [1525].

**inositol** [2381]. **Input** [1116, 1748, 143]. **Inputs** [1197, 1371, 704, 1330].

**Inseason** [2194, 2604]. **Insect** [477, 2326, 2396, 332, 2018, 81]. **Insecticide** [1404, 692]. **Insects** [98]. **Inseminated** [1488]. **Inshore** [626, 1366, 1519, 868, 1388, 2028, 1368]. **Insight** [2008]. **Insights** [1153].

**Insoluble** [1186]. **Instar** [1710]. **Instream** [469, 1938]. **Instrumentation** [435]. **Insular** [839, 1895]. **Intake** [1040]. **Intakes** [1202, 1607]. **Integral** [453]. **Integrated** [252, 888, 2605, 1892, 249]. **Integration** [1886, 1937, 1045].

**integrifolia** [311]. **Integrity** [2150]. **Intensity** [202, 2078, 653, 315, 2483, 431, 1490]. **Inter** [1281, 1073, 2530, 2619, 1465, 2427, 1135]. **Inter-** [1281, 1073, 1465, 1135].

**Inter-Annual** [2530, 2427, 2619]. **Interaction** [2370, 2110, 1609, 2596, 1125, 1746, 1869, 1604, 1370, 2033, 1125, 1013].

**Interactions** [725, 1257, 677, 529, 52, 2355, 145, 566, 261, 2214, 2087, 1122, 451, 2011, 1386, 2051]. **Interactive** [165, 1481, 2591]. **Interannual** [1559, 1446, 2093, 1995, 1490]. **interannuelle** [1490]. **Intercalibration** [1886]. **Intercept** [440]. **Interface** [2087]. **Interfaced** [351]. **Interflow** [800].

**intermedia** [1504]. **Intermittently** [1067]. **Internal** [2217, 639, 1570, 1364, 938, 1117, 612]. **International** [264, 479, 480, 206, 520, 205, 263, 1756]. **Interpretation** [1214].

**Interpretations** [2075]. **Interpreting** [2001]. **Interrelation** [2000].



**Interrelationship** [2270]. **Interrenal** [1020, 1589, 2233]. **interruptus** [1765, 548]. **Interspecies** [1733]. **Interspecific** [14, 2328, 455]. **Interstitial** [1263, 1283]. **Intertidal** [1204, 1389, 911, 899]. **intertidales** [899]. **Intervals** [37]. **Intervention** [1603, 1578, 595]. **Intoxication** [2258, 688, 306]. **Intra** [394, 1073, 1465, 1135]. **Intra-Population** [1073, 394, 1135]. **intra-populations** [1135]. **Intra-specific** [1465]. **Intracellular** [307]. **Intragravel** [1728]. **Intrapopulation** [2146]. **Intraspecific** [2013, 1281, 2230, 1231, 498]. **Introduced** [2351, 2245, 2195, 503, 420]. **Introducing** [2481]. **Introduction** [480, 1756, 956, 2423, 1913, 744, 1629, 1200, 205, 1540, 2298, 1313]. **Introductions** [1660]. **Introductory** [1757]. **Introgressive** [2328, 413]. **Invariant** [1514]. **Invasion** [222]. **Inverse** [1973]. **Invertebrate** [2436, 1443, 407, 2542, 944, 372, 2298]. **Invertebrates** [1661, 1224, 417, 231, 643, 903, 1484, 2297, 642, 552, 858, 125, 1121, 883]. **Investigated** [980]. **Investigating** [1202]. **Investigation** [823, 1749, 1749]. **Investigations** [2444, 2445]. **Investment** [2340, 1955, 993, 994, 2187]. **Ion** [2253, 2277, 423, 2013, 2356, 1883, 1752, 2087, 1803, 2120, 1414, 2042]. **Ionic** [1987, 445, 1111, 1679, 1344]. **Ionization** [1111, 1904]. **Ions** [1445, 2015, 1628, 2278]. **Ireland** [494]. **Irish** [2184, 2185]. **Iron** [166, 1049, 937, 1541, 1956, 917]. **Irradiance** [2016]. **Irrational** [2040]. **Irritants** [1329]. **irroratus** [613, 591, 2561, 1244]. **Ischnura** [2019]. **Island** [2507, 618, 2471, 2195, 2624, 248, 2491, 2511, 1403, 1929, 1930]. **Islands** [1767, 1862, 870, 2435]. **Isolate** [464]. **Isolated** [2473, 2015, 135, 2348, 194]. **Isolates** [551, 736, 641]. **Isolating** [487]. **Isolation** [807, 1009, 132, 1195, 268, 553, 1109]. **Isonychia** [1381]. **Isopleths** [1467]. **Isopod** [476]. **Isotope** [2575, 1461, 945, 2252]. **Isozyme** [147, 105, 210]. **Isozymes** [1632]. **Israel** [877]. **israelensis** [1709, 2577]. **Issue** [42]. **issues** [1135]. **Isurus** [977, 581]. **Italy** [2274]. **Iteroparity** [416]. **IV** [852, 1013]. **Ivoirian** [1867]. **Ivory** [2565].

**James** [1395, 654, 143, 1745]. **Japan** [2175, 2595]. **Japanese** [996]. **Japanese-Style** [996]. **japonica** [744]. **japonicus** [2154, 1324]. **Jasus** [1773, 1761]. **Jellyfish** [2231]. **Jenkins** [1940]. **Jevenile** [1005]. **Jolly** [434]. **Jonah** [1778]. **Jordanella** [101, 1676, 1580]. **jordani** [1933]. **Juvenile** [1459, 2162, 1337, 814, 219, 2401, 1422, 583, 333, 1764, 1141, 1521, 1990, 476, 952, 845, 719, 2375, 1155, 2232, 796, 2218, 2345, 2521, 1850, 2131, 288, 1331, 1571, 1852, 1662, 653, 1746, 2515, 2047, 1592, 1715, 1485, 2550, 776, 2200, 1293, 566, 2574, 1994, 2601, 1688, 1959, 1900, 1674, 561, 1909, 1963, 2163, 391, 2548, 1832, 2564, 468, 1360, 1494, 2, 696, 695, 2305, 648, 1208, 328, 843, 1072, 1870, 1617, 1696, 2427, 2531, 2383, 2528, 2533, 817, 1028, 430, 936, 1903, 193, 2275, 1929, 1930, 389, 1723, 2439, 1692]. **Juveniles** [1842, 2207].

**Kalama** [1675]. **Katsuwonus** [1952]. **Keeper** [821, 996]. **Kelp** [613, 1047]. **Kelts** [2441, 1902]. **Kenai** [1335]. **Keogh** [2491, 2226, 2584]. **Kepone** [412].

**Keta**

[2530, 821, 996, 814, 1305, 1466, 1286, 1534, 1851, 2026, 2175, 2500, 1842, 1850, 1331, 1571, 653, 593, 1102, 781, 107, 2163, 938, 2438, 1194, 1028, 2275].

**Ketone** [2473]. **Key** [208]. **Keys** [723, 1777]. **kHz** [2066, 2605, 87]. **Kidney** [363, 1841]. **Killer** [1894]. **Kills** [271]. **Kinds** [858]. **Kinematics** [548].

**Kinetic** [361]. **Kinetics** [72, 165, 860, 737, 2074, 315, 467, 321, 1543]. **King** [2471]. **Kinneret** [877]. **kisutch** [1308, 1422, 872, 1985, 583, 342, 1396, 2524, 823, 2375, 1155, 2232, 2218, 1977, 2345, 1331, 1571, 606, 1742, 2151, 2530, 2245, 2491, 2265, 2616, 176, 2508, 1838, 391, 2548, 904, 1565, 1805, 2266, 1483, 891, 2505, 696, 695, 1208, 2181, 1870, 352, 1145, 2438, 1804, 2384, 611, 102, 2531, 2383, 1495, 1496, 2528, 817, 2054, 1917, 335, 1038]. **Knowns** [263].

**Kodiak** [2195]. **Kokanee** [2371, 2266]. **Kootenay** [764, 800]. **Kraft** [2272, 32, 386]. **Krill** [875].

**L.** [1390, 2094, 2523, 276]. **Labeled** [151, 97, 1425]. **Labeling** [303, 456].

**Labelling** [1296]. **Laboratory** [1681, 14, 1976, 2303, 2403, 2055, 1439, 2543, 692, 642, 2425, 1494, 2197, 2597, 1617, 2016, 1769, 659, 2207].

**Laboratory-Reared** [2055]. **Labour** [2520]. **Labrador**

[603, 2146, 1726, 1971, 1566, 925, 496, 949]. **Labyrinth** [1457]. **Lac**

[2204, 187, 1119, 2479]. **Lack** [1680, 1998, 2381, 1878, 567, 778]. **lacs** [43].

**Lactate** [1632]. **Lactating** [1912]. **Lacustrine** [1059, 2142, 360, 2043, 2266].

**lacustris** [1618, 325, 1270, 2167]. **Lagoon** [1001]. **lagoons** [870]. **lagunes**

[870]. **Lahontan** [1461]. **Lake**

[2482, 2229, 910, 89, 2529, 2473, 929, 1205, 2401, 1601, 2276, 11, 2255, 1436, 1093, 987, 626, 1096, 1098, 1319, 60, 861, 509, 968, 807, 1249, 1233, 511, 860, 1610, 1349, 2552, 1092, 2078, 2077, 2468, 508, 2519, 1574, 2116, 1306, 1460, 973, 1129, 1461, 110, 764, 822, 1048, 693, 1097, 1027, 2319, 2010, 957, 2008, 507, 28, 2337, 1986, 197, 1052, 1987, 2622, 1806, 2544, 1690, 1822, 33, 58, 2264, 2186, 933, 1447, 1311, 1814, 52, 70, 59, 728, 661, 2204, 1341, 2400, 512, 2216, 105, 277, 1734, 800, 622, 1266, 161, 2166, 712, 604, 1384, 1410]. **Lake** [282, 240, 855, 2171, 2195, 2331, 246, 777, 1549, 2352, 287, 1450, 1624, 1602, 2263, 503, 773, 318, 1667, 1295, 2316, 815, 1023, 2617, 1865, 2408, 1528, 68, 1262, 2464, 245, 948, 654, 2176, 1673, 428, 1881, 2121, 47, 1085, 2446, 2, 2005, 1401, 1570, 2145, 671, 183, 1045, 1200, 635, 768, 1054, 784, 247, 1651, 1515, 1334, 98, 184, 38, 1989, 80, 2390, 2090, 122, 1094, 1577, 1503, 2483, 1231, 1510, 1695, 51, 1363, 602, 2419, 2478, 1518, 243, 1022, 1539, 844, 1330, 1343, 2531, 248, 1815, 406, 564, 1543, 2350, 608, 2160, 1936, 2546, 1012, 1215]. **Lake** [1826, 255, 2227, 415, 244, 1903, 1176, 1348, 1649, 1091, 917, 1864, 2393, 257, 185, 2255, 801, 1175, 201, 1033, 509, 2123, 511, 65, 7, 242, 2217, 2509, 2140, 375, 662, 508, 660, 2311, 1306, 2223, 1405, 1519, 1530, 1879, 1880, 1625, 1475, 2496, 2497, 708, 507, 877, 2081, 610, 734, 1086, 1100, 1088, 1087, 933, 23, 622, 1388, 1547, 515, 945, 2261, 246, 2091, 2079, 2070, 2073, 2074, 2083, 1549, 773, 826, 2087, 448, 922, 1039, 1890, 1262, 227, 130, 315, 1647, 1544, 2086, 974, 1084, 467, 2088, 2621, 1090, 644, 630, 959, 2076, 2075, 2082, 2385]. **Lake**

[1193, 2080, 247, 1623, 2382, 2090, 111, 1556, 2109, 2242, 48, 229, 602, 2071, 243, 565, 2072, 844, 2042, 248, 1225, 2085, 2084, 267, 513, 409, 358, 2051, 739, 1099, 244, 449, 1034, 1383, 834, 300, 1582, 2089]. **Lakes** [2486, 1871, 1277, 492, 1948, 1671, 963, 1470, 1445, 168, 1095, 2126, 1021, 2397, 1606, 344, 951, 1075, 2321, 2510, 1811, 1855, 198, 956, 964, 2353, 759, 1707, 1920, 1542, 67, 2394, 2174, 2256, 2563, 1719, 2387, 2386, 1737, 2032, 1905, 1726, 1895, 2147, 2594, 1971, 829, 2396, 66, 206, 64, 2392, 1382, 1951, 502, 1433, 856, 2389, 2410, 1702, 1068, 59, 1071, 2336, 1287, 53, 691, 2297, 878, 1595, 1819, 2313, 1946, 1221, 1148, 1660, 2616, 62, 960, 503, 773, 2025, 448, 24, 2316, 349, 2503, 203, 2408, 889, 1262, 420, 2250, 429, 199, 1487, 2292]. **Lakes** [451, 1401, 1911, 1931, 1896, 1089, 2542, 2504, 758, 916, 2202, 755, 1515, 1934, 2259, 1117, 1352, 2363, 1106, 48, 44, 2395, 2419, 2460, 1600, 966, 1813, 1018, 958, 2388, 2293, 1434, 1725, 1330, 1975, 1284, 2017, 1935, 42, 2203, 1469, 1314, 1315, 1642, 2179, 2364, 587, 954, 1908, 275, 1599, 961, 56, 1703, 510, 2169, 592, 838, 483, 2593, 1913, 231, 2553, 487, 512, 2216, 153, 241, 240, 485, 705, 578, 579, 2263, 262, 211, 224, 175, 427, 223, 225, 1553, 222, 259, 294, 208, 1991]. **Lakeward** [1592]. **lalandii** [1761]. **Lamellae** [2285]. **Laminaria** [1250, 2157]. **LAMP** [2385]. **Lampetra** [232, 625, 1882, 2407, 2097, 1048, 236, 239, 1874, 238, 237]. **Lamprey** [264, 232, 233, 625, 2036, 2407, 2255, 505, 242, 2097, 230, 1048, 206, 231, 252, 228, 251, 253, 1191, 236, 604, 240, 258, 210, 515, 260, 261, 262, 239, 1924, 250, 245, 227, 213, 224, 2005, 223, 225, 247, 1874, 249, 229, 238, 205, 222, 256, 243, 248, 1815, 259, 226, 235, 237, 1590, 255, 263, 244, 1345, 257, 216]. **Lamprey-Induced** [256, 257]. **Lampreys** [209, 219, 2583, 220, 458, 241, 221, 217, 234, 211, 212, 723, 218, 229, 254, 235]. **Lampricide** [628, 1224, 1831, 226]. **Lampricides** [1691]. **Lampsilis** [1567]. **LAN** [13]. **Lance** [2595, 397, 812, 2152]. **Land** [167, 184]. **Land-Locked** [167]. **Landing** [1448]. **Landings** [2006, 1578]. **Landlocked** [1187, 762]. **Large** [2403, 956, 1552, 2190, 2245, 800, 188, 1148, 2571, 1615, 1386, 111, 1192, 2298, 1782, 1261]. **Large-Scale** [956, 1552, 1615]. **Large-Volume** [2190, 1192]. **Largemouth** [1648, 1230, 506, 2610, 1596]. **Larger** [2365]. **Larvae** [729, 996, 2428, 1179, 1051, 676, 1076, 866, 2098, 2586, 2141, 734, 1080, 674, 888, 1636, 236, 2573, 2402, 2492, 1218, 1655, 2294, 2577, 214, 1416, 2532, 1288, 1423, 1979, 1482, 2227, 2513, 2207, 677, 1621, 1767]. **Larval** [2038, 1717, 1030, 1820, 2053, 2430, 2522, 1005, 476, 952, 2002, 278, 1856, 1784, 126, 1768, 1758, 932, 1974, 314, 657, 621, 1478, 672, 2560, 728, 1849, 2196, 1954, 1209, 806, 1575, 1602, 2288, 2420, 213, 1429, 1848, 2064, 1793, 1761, 2305, 212, 1765, 2588, 1872, 2257, 1572, 1769, 2427, 1869, 2557, 1652, 138, 1824, 2231, 851]. **larves** [677, 1621, 1767]. **Larvicides** [251]. **Late** [1229, 2624]. **Latent** [1987]. **Lateral** [985]. **Latitude** [2493]. **Latitudinal** [2032, 395]. **L'Atlantique** [6, 677]. **latroscan** [1904]. **Laurent** [6, 1267, 677, 1767]. **Laurentian** [492]. **lavaretus** [2223, 239]. **Law** [823]. **Lawrence** [74, 6, 819, 2360, 1416, 1288, 441, 2184, 1267, 677, 376, 127, 780, 1767, 2196, 2609, 1318, 1441, 2235, 323, 1321, 319]. **lawrencianus** [438]. **Layer**

[1390, 1904, 1216]. **Layers** [627, 2511]. **Laying** [2492, 1064]. **LDH** [331]. **Leachate** [295]. **Leachates** [1834]. **Leaching** [311]. **Lead** [110, 764, 822, 22, 688, 1354, 1947, 1956]. **Lead-210** [110, 822]. **Leaf** [295, 1942, 15, 944, 2493]. **Learned** [2351]. **Learning** [1347, 2368]. **Least** [327, 2453, 318, 164]. **Least-Squares** [327]. **Leaved** [1813]. **Leeches** [1492]. **Legs** [324]. **Leidy** [838]. **Leiostomus** [942]. **Length** [1286, 336, 2037, 2300, 327, 128, 1419, 2000, 1868, 866, 2206, 1250, 1485, 915, 794, 225, 2099, 172, 409, 2130]. **Length-at-Maturity** [2130]. **Length-Based** [1868]. **Length/Aperture** [409]. **Lengths** [1638, 1663, 2584]. **Lentic** [1874]. **Lepomis** [779, 2014, 1648, 745, 180, 2094, 2599, 2523, 276, 954]. **Leptophlebia** [2338, 1504]. **leptopus** [204]. **Lesions** [727]. **Leslie** [146, 2062, 298]. **Lessons** [1615]. **Lethal** [1179, 1365]. **Lethality** [1340, 2125, 2506]. **Letter** [2603]. **Letters** [118, 170, 39, 285, 301, 337, 383, 460, 574, 598, 666, 683, 716, 731, 789, 808, 827, 906, 930, 1015, 1114, 1131, 1169, 1246, 1272, 1299, 1397, 1412, 1640, 1684, 1711, 1755, 1817, 1876, 1901, 1949, 2023, 2041, 2136, 2268, 2309, 2374, 2443, 2490, 136]. **Letters/Lettres** [39, 285]. **lettre** [2603]. **Lettres** [118, 170, 39, 285, 301, 337, 383, 460, 574, 598, 666, 683, 716, 731, 789, 808, 827, 906, 930, 1015, 1114, 1131, 1169, 1246, 1272, 1299, 1397, 1412, 1640, 1684, 1711, 1755, 1817, 1876, 1901, 1949, 2023, 2041, 2136, 2268, 2309, 2374, 2443, 2490, 136]. **leucas** [2592, 2020, 2539, 1333, 1745, 2450]. **Leucine** [13]. **Leucocytes** [1627]. **Leuroglossus** [1387]. **leurs** [714]. **Level** [664, 1027, 2222, 686, 2171, 787, 2195, 2536, 2322]. **Levels** [1550, 108, 872, 2498, 1095, 1606, 2456, 1129, 1113, 615, 53, 1734, 2183, 445, 1318, 1566, 1921, 2250, 630, 2054, 954]. **LHRH** [762]. **Life** [1146, 2036, 1882, 2535, 510, 1141, 1154, 356, 1950, 919, 395, 653, 1073, 2506, 444, 512, 1266, 2273, 705, 2091, 1675, 1000, 2425, 420, 654, 1516, 979, 833, 1239, 2093, 1183, 1130, 1326, 2383, 2226, 1321, 1982]. **Life-History** [2425]. **Life-stage** [919]. **Life-Table** [1183]. **Light** [2122, 2262, 2078, 1784, 1460, 2213, 1356, 1297, 57, 315, 1544, 431, 2031, 1518, 1304, 2270, 1991, 1176, 56]. **Light-Saturation** [1356]. **Lightly** [1719]. **Lights** [1438]. **Like** [1411]. **Likelihood** [2485, 1888, 2130, 1922]. **Lilljeborg** [1635]. **Lily** [1249]. **Limanda** [1861]. **limbata** [2412, 2186]. **Limestone** [197, 1735]. **Liming** [2229, 2396, 2389, 2390, 2395, 1383]. **Limitation** [1717, 1873, 860, 287, 889, 474, 1036]. **Limitations** [1968, 1426]. **Limited** [2517, 737, 1842, 1390, 2178, 1153, 582, 1524]. **Limiting** [1539, 1696]. **Limits** [116, 374, 2418]. **Limnetic** [1723, 1557, 2396, 2391, 463, 2017]. **Limnocalanus** [1811]. **Limnocorral** [1986]. **Limnocorrals** [1256, 1255]. **Limnological** [1313]. **Limnology** [1017, 1642]. **limosa** [2460]. **Line** [115, 584, 139, 440, 2539, 750, 1083, 292]. **Linear** [1857, 1514]. **Lines** [411, 612]. **linked** [1841]. **Lipid** [2499, 2340, 1475, 2497, 903, 1505, 1904]. **Lipids** [25, 359]. **Liquid** [313, 628, 1709, 1172]. **Liquid-Chromatographic** [628]. **Litter** [15]. **Littoral** [1319, 1408, 2353, 1999, 1384, 638, 2259, 1094, 1215]. **Littoral-Dwelling**

[1384]. **Live** [26, 955, 1483]. **Liver** [2105, 2473, 1037, 1847, 2342, 1893, 21]. **Livers** [203]. **lives** [913]. **Living** [2272, 665, 746, 353]. **Incus** [2148]. **Induced** [1521]. **Load** [1570, 2072]. **Loading** [1405, 1547, 1528, 1117, 2109, 1421]. **Loadings** [1595, 1819, 1678]. **Lobster** [1790, 1290, 1271, 1779, 620, 1781, 1955, 1789, 1773, 1292, 1776, 978, 1597, 1756, 1764, 1786, 1990, 324, 1179, 124, 1758, 1791, 2228, 2069, 1775, 672, 780, 134, 2047, 2196, 2558, 1293, 2442, 1762, 1774, 2188, 1763, 1766, 1761, 2435, 1765, 1792, 1785, 1289, 1291, 466, 1767, 870]. **Lobsters** [1680, 1776, 946, 1276, 1771, 1770, 2582, 845, 1294, 1784, 1768, 1662, 1777, 591, 1959, 1760, 1501, 2561, 873, 2189, 846, 1772, 648, 1778, 1488, 1782, 2370, 1862]. **Local** [728]. **Localization** [1291]. **Location** [454]. **Locations** [1202]. **Loch** [239]. **Loci** [210]. **Locked** [167]. **Locomotor** [1695]. **Lodge** [2022]. **Log** [1857, 1463]. **Log-Linear** [1857]. **Logging** [2333, 820, 2151, 304, 1692, 140, 1145, 972, 2528, 817]. **Logistic** [163]. **Lohi** [834]. **Loligo** [1966, 605]. **Lomond** [239]. **Long** [2253, 872, 2303, 2050, 2484, 1202, 1624, 2283, 2284, 1881, 1802, 149, 1556, 2285, 2225, 815]. **Long-Term** [2253, 872, 2303, 2050, 2484, 1202, 1624, 2283, 2284, 1881, 1802, 149, 1556, 2285]. **Longear** [180]. **Longevity** [941]. **longicruris** [1250]. **Longitudinal** [690]. **Longline** [2465]. **Ionoregulation** [1493]. **Look** [2066]. **lors** [265]. **Loss** [434, 1597, 1691, 2186, 1845, 2307, 1491, 2042]. **Losses** [268, 46]. **Lotic** [1456, 2122, 2517, 1217, 1839, 174, 1743, 2455, 2579, 1892, 81]. **lourds** [658]. **Low** [900, 2254, 2277, 1606, 1609, 457, 1950, 1987, 1464, 1607, 1060, 2336, 1752, 2506, 2171, 1344, 50, 2281, 2283, 2284, 2536, 103, 755, 2120, 935, 1106, 2286, 890, 1694, 2460, 1893, 2282, 720, 133]. **Low-Alkalinity** [2336, 1106]. **Low-Frequency** [1607]. **Low-Level** [2171, 2536]. **Lower** [175, 223]. **Lowland** [1407]. **lucius** [1098, 2436, 2552, 187, 203, 1885, 1013, 1477]. **luetkeana** [311]. **Lumped** [2301]. **Lumped-Parameter** [2301]. **lurus** [1507]. **lutrensis** [573].

**m** [2302, 1054]. **même** [714]. **mêmes** [1135]. **macrochirus** [745]. **Mackerel** [109, 399, 2064, 2197, 2154, 1324, 1321]. **Macoma** [911, 432]. **Macro** [427]. **Macro-** [427]. **Macroalgal** [896]. **Macrobenthic** [2618]. **Macrobenthos** [1068, 1881, 1258, 1091]. **macrocephalus** [1998, 1878, 2296, 1604, 2130, 1448]. **macrochirus** [779, 2014, 1648, 2094, 2599, 276]. **Macrocystis** [311]. **Macrofaunal** [1801, 2426]. **Macroinvertebrate** [1407]. **Macroinvertebrate** [741, 174, 934, 1263, 469, 2544, 2343, 1942, 840, 663, 1058]. **Macroinvertebrates** [1217, 2469, 1475, 2124, 1430, 982, 140]. **Macrophyte** [1408, 1336, 2211, 1889, 1813]. **Macrophytes** [951, 1075, 2262, 2321, 557, 2021, 2409, 1480, 1737, 2116]. **macrostoma** [625]. **Macrozoarces** [617]. **Macrozooplankton** [2002, 1432]. **macrurus** [1811]. **maculatum** [2013]. **Made** [143]. **Madeleine** [1767, 2047, 2196, 1862, 1767, 1862, 870]. **maderensis** [2565]. **maenas** [2033]. **magellanicus** [591, 799, 2252, 1979, 1828]. **magister**

[802, 1025, 1788, 1362, 1605, 279, 668, 1578, 2556, 2555]. **magna** [898, 307, 1464, 697, 757]. **Magnetic** [938]. **Magnitude** [2319]. **main** [1621]. **Maine** [2428, 1511, 2430, 2228, 2410, 780, 2141, 306, 1358]. **Maintenance** [166]. **Maja** [2442]. **Major** [1519, 1048, 1541, 1752, 1023, 1448]. **Making** [2187]. **Mako** [977, 581]. **Malacostraca** [1555]. **Maldanidae** [370]. **Male** [1584, 1716, 839, 2335, 2470, 2317, 1944, 1656, 2556, 2533]. **Mallotus** [94, 2572, 677, 1621, 1974, 465, 314, 657, 621, 919, 1174, 995, 1209, 1157, 323]. **Mallows** [2210]. **malma** [1346, 2246, 1259, 2265]. **Mammal** [2398]. **Mammalian** [2054]. **Mammals** [1116, 317]. **Man** [143, 522]. **Man-Made** [143]. **Management** [483, 2520, 514, 366, 1310, 2481, 469, 117, 2040, 713, 518, 1701, 291, 485, 484, 521, 891, 506, 1298, 871, 1047, 497, 249, 2329, 1133, 378, 308, 523, 824, 1941, 254, 494, 2153, 2308, 2598]. **Managerial** [1418]. **Managing** [1981, 2518, 689, 1594, 1418, 522]. **Manan** [1771]. **Mandibular** [875]. **Manganese** [948]. **Manipulation** [150, 762, 1263, 152]. **Manipulations** [1939, 145, 1487]. **Manitoba** [2297, 2103, 1096, 1095, 1098, 2552, 1092, 1097, 1986, 2186, 203, 1089, 122, 1094, 2487, 1091, 185]. **Manitounuk** [1371, 471]. **marginatus** [1762, 2435]. **Margins** [2243]. **Marine** [2398, 1116, 1953, 1404, 814, 2554, 1134, 2304, 2303, 2055, 2559, 2459, 317, 2006, 1185, 1113, 9, 1625, 1981, 288, 299, 1356, 145, 825, 2422, 1527, 642, 296, 552, 805, 1565, 1803, 36, 157, 718, 2332, 2239, 2591, 1400, 353, 102, 1158, 452, 1809, 2039, 401, 1066, 152, 835, 311, 359, 2344, 883, 426]. **marinus** [233, 2255, 505, 242, 230, 231, 252, 458, 228, 251, 253, 1191, 241, 604, 240, 258, 210, 515, 260, 261, 262, 250, 245, 227, 224, 2005, 223, 225, 247, 249, 229, 222, 243, 248, 1815, 259, 254, 226, 1590, 244, 1345]. **Maritime** [1898, 104]. **Maritimes** [978, 1199]. **Mark** [434, 848, 1857, 1858, 341, 920, 2411]. **Marked** [814, 1961, 73]. **Markers** [2612]. **Markets** [1153]. **Marking** [904, 1180, 442, 1997]. **Marks** [240]. **Marsh** [561, 1696]. **Marshes** [1747, 1748]. **Mass** [2267, 937, 657, 1883, 2496, 75, 1962, 850]. **Massachusetts** [1967]. **Masses** [682]. **massive** [408]. **Matamec** [1125]. **Match** [621, 1139]. **Match/Mismatch** [621]. **Matched** [1514]. **Material** [1942]. **Materials** [896, 1541, 516, 312, 2089]. **Maternal** [2340]. **Matings** [874]. **Matrix** [146, 398, 781, 2377]. **Mats** [1646]. **Matter** [923, 1833, 2467, 55, 1332, 1661, 2325, 1389, 1986, 2170, 277, 155, 2086, 1441, 1704]. **Maturation** [1680, 1996, 2138, 2139, 1777, 343, 1902, 1181, 1656, 2099, 563, 2576]. **Maturational** [1694]. **Mature** [1681, 1584, 2470, 2289]. **Matured** [1611]. **Maturity** [583, 1716, 124, 2335, 2405, 1000, 2477, 1232, 1446, 1536, 290, 921, 2354, 192, 308, 1151, 2130]. **Mauritania** [1490]. **Mauritanie** [1490]. **Maximum** [2215, 631, 664, 2032, 2232, 2485, 1721, 686, 1888, 130, 784, 1282, 2160, 2130, 1922]. **Maximum-Likelihood** [1922]. **Mayflies** [742]. **Mayfly** [985, 1918, 2338, 2412, 2286, 1504]. **McGregor** [947]. **McLay** [1361]. **Meadow** [942]. **Meal** [795, 1645]. **Mean** [1538, 2267, 1218]. **Meaningful** [1124]. **Means** [316]. **Measure** [597, 387, 454]. **Measured** [970, 937, 2077, 2257]. **Measurement** [2038, 11, 2110, 110, 822, 857, 1958,

160, 638, 380, 1663, 1613, 1904, 2063, 596, 2003, 379, 88]. **Measurements** [1128, 91, 1670, 1458, 2325, 1214, 69, 1019, 1886, 777, 262, 826, 351, 711, 87, 840, 1908, 2411]. **Measures** [2127, 1126, 246, 1482]. **Measuring** [459, 1707, 2057, 1323, 400, 1753, 803, 2180]. **Meat** [134]. **Mechanical** [2287]. **Mechanics** [634]. **Mechanism** [2500, 1230, 2344]. **Mechanisms** [989, 2459, 295, 1541, 117, 487, 1688, 2288, 1145]. **Media** [1164, 1698]. **Mediated** [678, 1033, 2428, 1415, 2495]. **Medium** [858, 1109]. **Medusae** [729]. **megalotis** [180]. **Meganyctiphanes** [1248, 478]. **Megaptera** [2589, 284, 1081]. **Meigen** [1482]. **Meio** [427]. **Meio-benthos** [427]. **Meiobenthic** [1509, 717]. **Meiofauna** [353]. **mélangé** [1621]. **Melanogrammus** [1820, 2428, 1474, 1821, 2540, 1594]. **Meltwater** [1470]. **Membrane** [1844]. **Memory** [2287]. **Memphremagog** [945, 630, 959]. **Menhaden** [1418]. **Menidia** [1563]. **mentella** [1598, 925, 1455, 404, 747]. **Menten** [1543]. **mer** [543]. **mercure** [1525]. **Mercury** [2486, 1095, 775, 1734, 2297, 2103, 773, 448, 2408, 1678, 766, 1334, 113, 1010, 1011, 1012, 1013, 1588, 954, 720, 1908, 1525, 1014]. **Mercury-Contaminated** [113]. **Merganser** [1929, 1930, 1403, 1929, 1930]. **Mergansers** [1403]. **Mergus** [1403, 1929, 1930]. **Meristic** [2247, 603, 94, 1063, 2373, 747, 2152]. **Meristics** [1065]. **Merluccius** [202, 4, 866, 976, 2574, 824, 1941]. **Meromictic** [1806, 2160]. **Meromixis** [166]. **Meseta** [2624]. **Mesh** [77, 1485, 427, 300]. **Mesopelagic** [2600]. **Mesoscale** [2591, 2511, 292]. **Mesotrophic** [1319, 2202]. **measure** [88]. **Metabolic** [1732, 1468, 112]. **Metabolism** [1456, 2105, 2499, 2401, 156, 2178, 686, 1082, 605, 2587, 1893, 835, 1906, 1965]. **Metabolite** [401, 1066]. **Metabolites** [1201]. **Metal** [1871, 1671, 423, 1249, 2410, 52, 1580, 53, 1595, 27, 2402, 203, 1127, 738, 1957, 545, 81, 275]. **Metal-Contaminated** [275]. **Metalimnetic** [855]. **Metallothionein** [738]. **Metallothioneins** [2239]. **Metals** [592, 72, 165, 1497, 2326, 2386, 643, 2573, 1510, 51, 1018, 1258, 1035, 1196, 2549, 658]. **Metamorphosed** [2097, 226, 208]. **Metamorphosing** [212]. **Metamorphosis** [2055, 892, 594, 225, 1652, 216]. **métaux** [658]. **Metazoan** [947]. **Meteorological** [465, 1157]. **Methanesulfonate** [615]. **Methanol** [1251]. **Methemoglobin** [615]. **Method** [1833, 418, 562, 11, 459, 106, 603, 1161, 681, 1699, 1707, 2453, 628, 1868, 986, 1323, 2378, 252, 2190, 614, 903, 691, 825, 1112, 2369, 1172, 2172, 1846, 2062, 1962, 158, 45, 1003, 1024, 162, 2350, 804, 1750, 543, 714]. **méthode** [543, 714]. **Methodological** [1105]. **Methodology** [584, 1351, 2130]. **Methods** [146, 168, 2249, 63, 2192, 117, 1356, 516, 1529, 1040, 1581, 1420, 1921, 1655, 571, 977, 637, 1531, 924, 1938, 280, 61, 426]. **Methoxychlor** [1676, 1849, 2487]. **Methyl** [1734, 2103, 1334, 720, 1908]. **Methylation** [895, 1201, 359]. **Methylisoborneol** [1926, 185]. **Methylmercury** [2498, 2621, 462, 862]. **Methyltestosterone** [2372, 1269, 382]. **Methyltin** [1835]. **Mg** [2167]. **Michaelis** [1543]. **Michigan** [222, 201, 509, 2123, 2593, 2217, 375, 662, 1306, 1519, 1879, 1880, 450, 1475,

2496, 2497, 734, 728, 105, 23, 622, 1388, 1547, 2261, 826, 1667, 922, 1039, 130, 1881, 247, 1651, 1556, 2109, 565, 844, 564, 358, 2051, 244, 1034, 300]. **Micro** [1432]. **Micro-** [1432]. **Microalgae** [1371, 1803]. **Microanalysis** [592]. **Microanalytic** [387]. **Microbial** [1953, 55, 1839, 1545, 1295, 2121, 671, 1942, 2587]. **Microbiological** [2592]. **Microcomputer** [1753]. **Microcontaminants** [326]. **Microcosms** [1430]. **Microcrustacean** [1677]. **Microdetritus** [1423]. **Microdistribution** [1918, 934, 1626]. **Microfossils** [1730, 2519, 2008]. **Microgadus** [1008]. **Microhabitat** [2341, 1832, 1655, 1072]. **Microhabitat-Preference** [1655]. **Microlayers** [2190]. **Micrometer** [2038]. **Micronekton** [627]. **Microorganisms** [2103, 1543]. **microps** [1527]. **Micropterus** [2486, 1609, 1648, 2408, 1230, 506, 2610, 1596]. **Microquantitation** [903]. **Microscope** [2287]. **Microscopy** [470, 2083, 350]. **Microstructure** [2053]. **Microstructure** [1373, 600, 1360, 2045, 2557, 1028]. **Microzooplankton** [463]. **Mid** [2433, 2493]. **Mid-Infrared** [2433]. **Mid-Latitude** [2493]. **Middle** [1288, 677]. **Midlake** [2084]. **Midwestern** [782]. **Migrant** [861]. **Migrating** [2162, 2491, 2541, 1718, 2584, 392, 2275]. **Migration** [1242, 2474, 558, 394, 1858, 1732, 1560, 2291, 2431, 23, 1489, 2159, 1772, 328, 1870, 2224, 1738, 1929, 2516, 389, 1611]. **Migrations** [1866, 510, 1811, 932, 395, 2488, 1592, 1322, 870, 1177, 2236]. **Migratory** [1771, 230]. **milieu** [899, 88]. **milieux** [2502]. **Milk** [1912]. **Mill** [2272, 32]. **Miller** [2213]. **Milling** [1865]. **Mills** [386]. **Mimic** [868]. **Mine** [1136]. **Mineral** [1953, 414]. **Mineral-Based** [1953]. **Minerals** [2596]. **Minimum** [823, 1101, 2590, 401, 1066]. **Mining** [1865, 1897, 1196]. **Minnesota** [742, 1022]. **Minnow** [2100, 849, 1032]. **Minnows** [2417, 84, 1663]. **minutus** [901, 1635]. **Miramichi** [329]. **Mirex** [1894, 2541, 412, 1307, 1521]. **Mismatch** [1139, 621]. **Mississippi** [1926]. **Mite** [735]. **Mitigate** [2389]. **Mitigation** [2385]. **Mitochondria** [2473, 1037]. **Mitochondrial** [2535, 1137, 2328, 2169, 1733, 2461, 2337, 2608, 1970]. **Mixed** [932, 1063, 1338, 1888, 1122, 1512, 2295, 1278, 1352, 804, 2612, 1621]. **Mixed-Species** [1122, 1512, 2295, 804]. **Mixed-Stock** [1278, 2612]. **Mixing** [1470, 960, 2310, 867, 1022]. **mixtum** [2338]. **Mixture** [353, 1922]. **Mixtures** [165, 1580, 2167]. **Mobilization** [51]. **Mode** [872, 2512]. **Model** [1254, 2429, 2300, 2428, 557, 1635, 1918, 144, 2583, 1004, 34, 2220, 438, 1608, 730, 1631, 893, 1868, 2481, 1625, 273, 398, 597, 556, 624, 722, 2543, 70, 1915, 1980, 373, 1715, 1701, 1070, 2472, 258, 975, 1361, 1467, 330, 815, 2477, 99, 1077, 1468, 2577, 1937, 607, 1848, 157, 718, 2048, 920, 1424, 1914, 914, 1418, 1577, 2109, 439, 864, 1714, 1928, 2444, 2445, 706, 1363, 412, 1133, 2555, 1194, 844, 1069, 824, 2028, 326, 1922, 2502, 37, 158, 164]. **modèle** [2502]. **Modeling** [128, 760, 1940, 1365, 184, 1941]. **Modelling** [1277, 1787, 2029]. **Models** [1550, 1520, 2106, 2585, 2520, 2004, 147, 1798, 2228, 2481, 469, 1857, 117, 1356, 2525, 2355, 1940, 2301, 1378, 279, 1615, 163, 2128, 2294, 1968, 1516, 298, 181, 2475, 2489, 1934, 1989, 2600, 769, 1252, 1935, 2167]. **Modes** [366]. **Modification** [872, 903, 1525, 2150, 1893, 1525]. **Modifications** [145].



**Modified** [95, 1349, 1849, 837, 655]. **Modifiers** [1235]. **Modifies** [862].  
**Modify** [1430]. **Modifying** [405]. **Modulated** [1919]. **Modulating** [2499].  
**Modulation** [527]. **Molecular** [1033, 490, 2117, 2567, 83]. **Mollusc**  
[2553, 2239, 1196]. **Mollusca** [1106, 911]. **Mollusks** [2554, 704]. **Molt** [1716].  
**Molting** [2580, 2189]. **Molybdate** [564]. **Molybdenum** [89, 61]. **Moments**  
[2300]. **Monimolimnion** [166]. **Monitor** [1083]. **Monitored** [2519].  
**Monitoring** [1972, 2124, 750]. **Mono** [2439]. **Mono-** [2439]. **monoceros**  
[1333]. **Monoclonal** [1967]. **Monocyclic** [391]. **Monodon** [1333].  
**Monomictic** [671]. **Monooxygenase** [865]. **Monotypic** [2602]. **Monoxide**  
[2362]. **Montana** [1826, 2044]. **Montane** [1719]. **Monte** [2111, 164].  
**Monthly** [1625]. **mordax** [677, 1621, 847, 1602, 1416, 2093, 1288]. **morhua**  
[1820, 2428, 2208, 2200, 190, 1474, 1821, 639, 2540, 617, 1921, 1444, 727, 274,  
1619, 2236, 2591, 2427, 2199]. **Morone**  
[1004, 388, 1184, 1172, 1312, 2366, 19, 369, 629]. **Morphoedaphic** [2418].  
**Morphological**  
[2568, 1310, 289, 1598, 2043, 2214, 875, 294, 1482, 2227, 2513]. **Morphology**  
[1851, 1141, 512, 328, 2531, 1495, 1289, 216]. **Morphometric**  
[2161, 1063, 2373, 2447, 2233, 2285, 1152]. **Morphometrics** [2274, 1065].  
**Morphometries** [35]. **Morphometry** [198, 2116, 309]. **Mortality**  
[1790, 1243, 814, 1079, 1161, 783, 952, 760, 2002, 664, 1029, 465, 1174, 1625,  
272, 1379, 643, 653, 2614, 2263, 2009, 2501, 2380, 1280, 245, 926, 1512, 833, 2,  
1147, 2045, 2597, 247, 1872, 2556, 256, 29, 936, 1903, 257]. **Mortostilifera**  
[1289]. **Mosquitoes** [2560]. **Moss** [2184, 2185]. **Motion** [16]. **Motor** [2287].  
**Mountain** [310, 2343, 1924, 2395, 1671, 2315, 1401, 15]. **Mountains**  
[2010, 304, 2388, 504, 1574]. **Mouth** [2038]. **Movement**  
[868, 606, 2230, 2488, 1177]. **Movements**  
[1276, 1771, 2538, 1362, 1775, 1620, 1794, 2245, 776, 503, 904, 853, 2149].  
**moyen** [677]. **Mud** [1567, 1926]. **Muddy** [1509, 185]. **Mudflat** [1204, 178].  
**Muds** [620, 324]. **Mulispecies** [2475]. **Multi** [472, 2520, 1435].  
**Multi-Objective** [2520]. **Multi-Sea-Winter** [1435]. **Multi-species** [472].  
**Multiarea** [2475]. **Multiattribute** [1188]. **Multicohort** [1069].  
**Multidisciplinary** [1809]. **Multifactorial** [980]. **Multifunctionalism**  
[1633]. **Multilocus** [730]. **Multiplate** [741]. **Multiple**  
[1417, 2451, 93, 1782, 830]. **Multiple-Impoundment** [1417]. **Multiplicative**  
[273]. **Multispecies** [851, 2102, 2422, 345, 323]. **Multispecific** [677].  
**multispécifiques** [677]. **Multistage** [1212, 279, 1516]. **Multitube** [752].  
**Multivariate** [316, 603, 2161, 94, 2274, 1715, 925, 1714, 2293, 1152].  
**Mummichogs** [2606]. **Muscle** [1988, 913]. **Musculature** [623, 1666].  
**Musculium** [854]. **Mussel** [1029, 1389, 104, 816, 2009, 2501, 1899]. **Mussels**  
[2529, 1216]. **Mya** [336]. **Mycoplasma** [1031]. **mykiss**  
[2596, 2551, 2607, 2584, 2570]. **Mylocheilus** [2241]. **Myo** [2381].  
**Myo-inositol** [2381]. **Myofibrogranuloma** [1988]. **Myopathy** [1988].  
**Myriophyllum** [1408]. **Mysid** [979, 1173]. **Mysidacea** [1555]. **Mysis**  
[120, 547, 764, 1660, 420, 571, 974, 1555, 1718]. **mysticetus** [1074]. **Mytilus**

[1029, 1390, 2009, 2501, 1525, 1899]. **Myxosoma** [132, 422, 266, 647]. **Myxosporea** [422]. **Myxosporean** [1056]. **Myxozoa** [1409, 422].

**N** [2459, 1833, 2123, 2378, 1203]. **N-Cycling** [1833]. **N-Dimethylformamide** [1203]. **N.B** [329]. **N.S.** [1620]. **N.W.T** [2578]. **N.W.T.** [2529, 643, 1315, 1642, 2179, 2364]. **NaCl** [767]. **namaycush** [2473, 2401, 2255, 346, 987, 509, 508, 1574, 1306, 507, 2337, 1052, 1987, 1341, 2216, 282, 240, 2171, 246, 2263, 503, 773, 2617, 2408, 1528, 245, 247, 844, 248, 1815, 2546, 255, 244, 257]. **Namsen** [2404]. **Nanaimo** [1141]. **Nannoplankton** [415]. **Nanoflagellate** [2593]. **Nanoplankton** [2082, 293, 2203]. **Narcotic** [849]. **Narrow** [2478]. **Narwhals** [1333]. **Natal** [1679]. **National** [2044, 1826]. **Native** [2351, 507, 503, 71, 329, 229]. **Natural** [2162, 2258, 1161, 1260, 344, 1894, 664, 1726, 1461, 2098, 1625, 272, 569, 2139, 2264, 1112, 1547, 1221, 1576, 2614, 221, 2132, 2540, 2009, 2501, 1840, 2367, 833, 85, 468, 1587, 2197, 1740, 2489, 655, 1414, 152, 1642, 2179, 2364, 83, 1664, 743, 1582, 56, 1862, 478]. **Naturally** [910, 2008, 981, 755]. **Nature** [486]. **naturel** [1862, 478]. **NBS** [88]. **Neanthes** [36, 157]. **Near** [433, 2527, 2556, 565, 275, 1447, 203, 1018, 2578, 319, 834]. **Near-Substrate** [2527]. **Nearshore** [2021, 2081, 1086, 2515, 1220, 1651, 2235, 2236, 1034]. **nebulosus** [79, 566]. **Necessary** [114, 485]. **Nécrologie** [1639]. **Necrosis** [2476, 1009, 107, 675, 926, 1812, 1943, 1944, 274, 1619, 736, 553]. **Need** [1206]. **Needle** [1092]. **Neglected** [1168]. **neiges** [1267]. **Nematoda** [987, 1666]. **Nematode** [894, 838, 149]. **Nemertean** [1292, 1597, 1289, 1291, 1783]. **Neocalanus** [2221]. **Nephropidae** [873]. **Nereocystis** [311]. **nerka** [2162, 151, 26, 1825, 2249, 861, 342, 1723, 2004, 609, 1458, 2371, 2194, 1625, 560, 159, 1560, 2431, 1287, 2195, 1705, 600, 1023, 675, 926, 1812, 1944, 2266, 644, 1238, 1239, 1446, 1536, 2058, 2349, 2039, 1903, 193, 702, 2612, 2516, 1960]. **Nest** [2400, 1038]. **Nesting** [2523]. **Net** [2277, 77, 307, 1620, 1266, 2621, 1057, 93, 2203, 2279, 1908]. **Net-** [2203]. **Nets** [1167]. **Neuroendocrine** [530]. **Neuronal** [1453]. **Neurons** [324]. **Neurophysiology** [218]. **Neurotoxic** [2332]. **Neutral** [2410]. **Neutralization** [2391, 2393]. **Nevada** [2346, 1461]. **Newfoundland** [603, 724, 839, 1895, 124, 1317, 393, 190, 2159, 585, 1859, 496, 1026, 1368, 812, 2152]. **Newly** [1620, 444, 399, 1569, 2119]. **Newport** [787]. **Niagara** [1405, 1972, 1457]. **Niche** [1415, 2094]. **Nickel** [1803, 1339]. **Nighttime** [2307]. **nigromaculatus** [79]. **Niño** [1559, 1324, 2024]. **Nitinat** [1466]. **Nitrate** [89, 175]. **Nitrification** [82, 1907]. **Nitrite** [615, 130, 1230, 340, 436, 2569]. **Nitrogen** [150, 968, 1461, 64, 2319, 792, 63, 2178, 1112, 670, 2261, 2331, 2079, 2352, 1890, 1803, 1193, 1391, 1906, 1176, 1348, 1649, 743, 917]. **Nitrogen-15** [63]. **Nitrogen-Limited** [2178]. **Nitzschia** [2507, 2332]. **NO** [1019]. **Nocturnal** [868]. **Nomenclature** [209]. **Non** [2184, 1316]. **Non-anadromous** [1316]. **Non-Dragraked** [2184]. **Nonanadromous** [1584, 2371, 2404]. **Nonessential** [2573]. **Nonevasive** [548]. **Nonfeeding** [1997]. **Nongame**

[640]. **Nonhomogeneous** [1800]. **Nonlinear** [2050, 644]. **Nonnesting** [2523]. **Nonparametric** [2604]. **Nonparasitic** [2036]. **Nonrandom** [2156]. **Nonrandomly** [2518]. **Nonresident** [5]. **Nonsalmonid** [2214, 1473]. **Nontarget** [2487]. **Nonviable** [4]. **Normal** [661, 712, 318, 813, 2600]. **Normally** [1269]. **Normally-Growing** [1269]. **North** [283, 1319, 1367, 618, 2494, 744, 1729, 2616, 1053, 1931, 475, 1473, 2149, 1215, 1956, 1345, 233, 364, 2500, 128, 2174, 1248, 2313, 975, 539, 1660, 1440, 1220, 2361, 2600, 1885, 966, 2224, 1637, 319]. **North-Central** [2313]. **North-Temperate** [1319, 1473, 1215]. **Northeast** [3, 975, 1517, 1559]. **Northeastern** [2159, 404, 292, 1956, 1345]. **Northern** [2474, 2155, 1095, 1098, 333, 2436, 2552, 1092, 187, 2148, 1986, 180, 203, 2093, 2611, 1885, 2533, 1013, 1477, 1313, 812, 297, 774, 802, 1025, 1788, 2146, 1362, 2594, 105, 2491, 2297, 2103, 1946, 234, 279, 2292, 2312, 1089, 1515, 2235, 122, 238]. **Northshore** [2084]. **Northwest** [2426, 848, 1854, 2161, 2050, 1399, 94, 376, 1598, 1228, 1821, 747, 1232, 871, 1568, 1359, 581, 1970, 1923, 2152]. **Northwestern** [67, 1382, 59, 1549, 448, 887, 699, 2310, 1489, 969, 2435]. **norvegica** [1248, 478]. **Norway** [2474, 1248, 2248, 1729, 661, 712, 912, 2404, 1383]. **Norwegian** [698, 2193, 320, 1622, 1735, 1551, 2113]. **Notching** [2069]. **Note** [2186, 2039]. **Notemigonus** [2512, 2452]. **Notes** [1761]. **Notropis** [573, 868]. **nouveau** [265]. **nouveautés** [2225]. **Nova** [1279, 558, 1276, 1770, 2582, 1229, 1526, 672, 780, 2515, 563, 2427, 2252, 466, 1043, 613, 1883, 816, 433, 1994, 2601, 1044, 2296, 1432, 268, 627, 1244, 2157, 818]. **novaeangliae** [2589, 284, 1081]. **Nucleic** [1030]. **Null** [2543]. **Number** [900, 73, 1162, 2241]. **Numbers** [330, 1435]. **Numerical** [404, 111]. **numéro** [43]. **Nuphar** [1249]. **Nurture** [486]. **Nutrient** [1550, 74, 2065, 2262, 1873, 1408, 2409, 682, 1552, 1129, 1417, 2357, 2497, 1690, 569, 58, 75, 1019, 1748, 2070, 287, 1039, 889, 1968, 400, 1083, 2076, 778, 2504, 1166, 1892, 1551, 1827, 2109, 2242, 45, 1518, 1330, 949, 2034, 841, 720, 1599]. **Nutrient-Enriched** [1166]. **Nutrient-Poor** [1599]. **Nutrients** [1445, 348, 1747, 2503, 2086, 2446, 1035, 2364]. **Nutrition** [1786, 160]. **Nutritional** [1785, 545, 2496]. **Nymph** [1698]. **Nymphs** [985, 1727].

**O** [646, 1201]. **O-de-ethylase** [646]. **O-Methylation** [1201]. **O.** [1286, 342, 1267, 1331, 1571, 2530, 2163, 2266, 2438, 1194]. **Obituary** [1639]. **Obituary/Nécrologie** [1639]. **Objective** [2520]. **Objectives** [830]. **Objects** [2052]. **Obligate** [745]. **obliquas** [2031]. **obscurus** [601]. **Observational** [2326]. **Observations** [124, 321, 706]. **Observed** [558]. **Obtained** [2202]. **occidentale** [854]. **Occurrence** [2500, 1292, 2021, 2494, 130, 1544, 1555, 2028]. **occurrences** [2377]. **Occurring** [1900]. **Ocean** [665, 617, 2508, 1565, 1238, 1239, 2235, 2236, 1569, 2119, 1843, 3, 2500, 1559, 2101, 292]. **Ocean-** [1569, 2119]. **Oceanic** [2143, 1123, 2354, 2502]. **océanique** [2502]. **Oceanographic** [435, 1358]. **Oceanography** [882, 1954, 1017, 879]. **Oceans** [1019]. **ocellata** [835].

**Odobenus** [334]. **Odonata** [2019]. **Odor** [185]. **Odorant** [2367]. **Off** [2582, 787, 2159, 2296, 758, 2383, 2108, 1276, 1771, 1770, 2218, 1229, 1526, 1560, 2047, 2196, 1966, 1605, 1000, 2565, 1368, 1050]. **Off-Channel** [2383]. **offs** [833]. **Offshore** [626, 1366, 2081, 1429, 358, 1448]. **Ohio** [741]. **Oikopleura** [2028]. **Oil** [2345, 927, 101, 160, 1481, 928, 1304]. **Oils** [757]. **Oklahoma** [2264]. **Old** [1985, 332, 1474]. **Old-growth** [1985]. **Oldman** [690]. **Olfaction** [1453]. **Olfactory** [2367, 2368]. **Oligochaeta** [792]. **Oligochaete** [1120]. **Oligochaetes** [1573, 2007, 943]. **Oligotrophic** [860, 1707, 1382, 59, 1570, 1193]. **Oligotrophy** [1215, 1935]. **Ommastrephid** [35]. **Omnivorous** [1741, 2173]. **Onchorhynchus** [1699]. **Onchorhynchus** [2564]. **Oncorhynchus** [1308, 2162, 821, 996, 814, 984, 1305, 1431, 1466, 1286, 1534, 1851, 2026, 2258, 1422, 872, 151, 26, 2175, 2500, 1985, 583, 1825, 2249, 861, 342, 1723, 1335, 1141, 1396, 2524, 823, 2004, 609, 1458, 2596, 1842, 2375, 1155, 2232, 1844, 796, 76, 2218, 1977, 2371, 2345, 1850, 2194, 1625, 560, 1913, 1910, 288, 159, 1560, 1721, 2494, 1331, 1571, 606, 653, 1073, 2431, 733, 544, 1742, 2151, 2530, 1287, 2245, 2491, 593, 1102, 2265, 781, 1961, 2607, 705, 2195, 2616, 2615, 1900, 1674, 107, 2251, 2163, 1705, 600, 365, 176, 2508, 1838, 391, 1023, 2548, 2347, 675]. **Oncorhynchus** [926, 1812, 1944, 904, 703, 1360, 1565, 1805, 2005, 2266, 1483, 644, 891, 1238, 1239, 1446, 1536, 2505, 696, 695, 1208, 938, 1142, 1177, 2058, 2181, 1870, 1282, 352, 1145, 2438, 1938, 1804, 2384, 1194, 611, 102, 2349, 2531, 2383, 1495, 1496, 1569, 2119, 2528, 2039, 817, 2054, 1028, 2584, 1917, 1903, 1860, 193, 702, 1970, 2275, 2516, 1960, 2570, 335, 1611, 1038]. **Oncorhynchus** [2612]. **Oncorhynchus** [2551, 2488]. **One** [2036, 2410, 1676, 1474, 2172, 416]. **One-Day-Old** [1474]. **Oneida** [2464, 2]. **Onset** [1863, 2090]. **Onshore** [1535]. **Ontario** [1582, 2486, 2255, 801, 1175, 1811, 511, 242, 964, 67, 2311, 2256, 1405, 829, 1382, 502, 708, 2081, 2018, 59, 2336, 2506, 691, 161, 1595, 1819, 2313, 1105, 1221, 2091, 2079, 2070, 2073, 2074, 2083, 1549, 503, 2025, 1394, 2087, 448, 2316, 763, 2408, 1890, 2342, 2562, 2086, 2446, 467, 2088, 2075, 2082, 1727, 2080, 2090, 1106, 1577, 111, 2242, 1363, 2460, 2071, 1018, 2150, 2293, 2072, 641, 1343, 1225, 2085, 2084, 275, 834, 961, 2089]. **onto** [949]. **Ontogenesis** [670]. **Ontogenetic** [2451, 2094, 2305, 2257]. **Ontogeny** [2559]. **Oocysts** [1983]. **Oocyte** [1680, 1996, 1151]. **Oocytes** [4, 1499]. **opalescens** [1966, 605]. **Open** [1046, 2248, 1498]. **Open-Work** [1046]. **Operated** [2469]. **Opercula** [948]. **opilio** [1716, 1267, 1310, 2335, 2062, 308]. **Opossum** [120, 1718, 420]. **Opportunistic** [919, 1080]. **Optical** [1087, 266]. **Optimal** [549, 993, 994, 1366, 2127, 2437, 1612, 1915, 1513, 2301, 37, 1516, 1512, 1282, 586, 1069, 19, 21]. **Optimization** [1437]. **Optimizing** [831, 1472]. **Optimum** [1188, 1476, 374, 1024, 141, 377]. **Oral** [382]. **Orconectes** [2468, 1382, 1752, 1889, 50, 601, 1628]. **Order** [332, 112]. **Ordination** [174]. **Oregon** [1966, 196, 333, 823, 2218, 1605, 787, 304, 112, 1565, 1805, 891, 1823, 2048, 2505, 941, 2011, 2181, 352, 830, 2240]. **oregonensis** [2155, 333]. **Organic** [923, 1833, 2467, 168, 55, 1332, 1661, 1396, 2325, 295, 898, 2357, 1389, 1323, 2170, 1546, 2007, 1126, 1846, 749, 2086, 1964, 1441, 2181, 1035,

1391, 1704, 1348, 1525]. **Organics** [1120]. **organique** [1525]. **Organismal** [490]. **Organisms** [2229, 1976, 2353, 2487, 1750]. **Organization** [2043, 2455, 1524]. **Organochlorine** [1912, 2456, 1457, 299, 604]. **Organochlorines** [2398]. **Orientation** [2488, 938, 1177, 87]. **Oriented** [1133]. **Origin** [492, 894, 2430, 367, 1278, 281, 658]. **Origins** [2456, 736]. **Orthophosphate** [1033, 1542, 1687, 62, 1840, 916, 61, 2350, 449, 587]. **Orthophosphorus** [564]. **Oscillations** [1478]. **osculus** [725]. **Osmerus** [2046, 677, 1621, 847, 1415, 1602, 1416, 1288]. **Osmolality** [29]. **Osmoregulation** [219, 214, 2284]. **Osmoregulatory** [1223, 2265]. **Ostrea** [1898]. **Other** [646, 2415, 2055, 2469, 1306, 674, 2103, 2442, 773, 1329, 2316, 2446, 644, 1632, 312, 2383, 1933, 2207, 954]. **Otic** [1590]. **Otolith** [2053, 2271, 1360, 1429, 2045, 2366, 2557, 1028]. **Otoliths** [1654, 650, 1373, 600, 703, 2588, 2365, 1682, 193, 1426]. **Otter** [2465]. **ouest** [1267]. **Outdoor** [944]. **Outlet** [2176, 1826]. **Output** [1748, 1837]. **Ovarian** [1973, 1996, 2339, 1499]. **Ovary** [115]. **Overestimation** [564]. **Overexploited** [1915]. **Overfishing** [1927]. **Overlap** [803]. **Overlying** [1204, 1215]. **Overview** [2070, 2385]. **Overwinter** [2597, 817]. **Overwintering** [2144, 695]. **Ovigerous** [1771]. **Ovulation** [611, 1537, 2054]. **Ovulatory** [1977]. **Oxaloacetate** [21]. **Oxic** [1104]. **Oxidation** [2473, 160, 709]. **Oxidized** [2345]. **Oxine** [1529]. **Oxygen** [1277, 1948, 929, 342, 156, 1670, 198, 7, 1920, 660, 1433, 691, 20, 670, 1907, 1978, 2359, 1450, 2307, 24, 2292, 183, 1381, 462, 2252, 419, 2160]. **oxyrinchus** [977, 581]. **Oxytetracycline** [1925]. **Oyster** [874, 669]. **Oysters** [1898, 126, 2244, 2306]. **Ozone** [388].

**P** [2123, 865, 1547, 944, 292, 850]. **P-450-Dependent** [865]. **P-Cresol** [944]. **P.** [2471]. **P/B** [850]. **P450** [1967]. **Pacific** [3, 2500, 1559, 292, 729, 984, 232, 1492, 1409, 1051, 1048, 4, 893, 976, 618, 1118, 1143, 1878, 2461, 339, 2198, 744, 1958, 1996, 2138, 2139, 2040, 1952, 1961, 1440, 1000, 341, 1065, 2564, 1177, 1424, 2611, 499, 2257, 935, 1874, 1156, 706, 831, 2101, 1938, 1324, 590, 2205, 824, 1941, 1995, 1604, 2576, 2130, 1448, 669, 1970, 1152, 1929, 1930]. **Packhorse** [1773]. **Pagophilus** [357]. **Paired** [207]. **Paiute** [413]. **Paleolimnological** [610]. **Pallas** [2553]. **pallasi** [729, 1118, 339, 2198, 1958, 1996, 2138, 2139, 1065, 2611, 2257, 1156, 706, 831, 590, 2205, 1995, 1604, 2576]. **Panache** [761]. **Panagrellus** [149]. **Pancreatic** [1009, 736, 553]. **Pandalopsis** [1933]. **Pandalus** [1933, 1644]. **Panope** [612]. **Panulirus** [1776, 1764, 1775, 1777, 1760, 1762, 1774, 1763, 2435, 1765]. **Paradox** [2098]. **Paragnetina** [1698]. **Paralithodes** [2471]. **Paralytic** [799]. **Parameter** [1520, 34, 2301, 380, 2369, 794, 298]. **Parameterizations** [1593]. **Parameters** [146, 2156, 2300, 86, 2206, 1266, 915, 341, 112, 1130, 1510, 1326, 1695, 439, 2293, 812, 2280]. **Parasite** [947, 1056, 2058, 1933]. **Parasites** [947, 623, 2162, 1489, 1783]. **Parasitic** [625, 2036, 2407, 242, 2097, 2583, 476]. **Parasitism** [2142, 2005]. **Parental** [177, 1536]. **Park** [2044, 1826]. **Parophrys** [1226, 2339, 786, 1823, 2048, 1481]. **Parr** [1584, 1037, 2538, 839,

1107, 1317, 2405, 1945, 446, 2470, 1838, 1992, 1656, 2099, 1125].  
**Parr-to-Smolt** [1838]. **Parsnip** [947]. **Partial** [1195, 424]. **Partially** [932, 2160, 1621]. **Participation** [2040]. **Particle** [619, 983, 801, 934, 2244, 358, 2051]. **Particle-Size** [358, 2051].  
**Particle-Size-Conversion** [619, 983, 801]. **Particles** [1635, 2496, 1411, 958].  
**Particular** [535, 207]. **Particulate** [11, 1197, 2325, 1389, 2170, 155, 630, 2115, 1054, 1843, 1704]. **partiellement** [1621]. **partir** [2502]. **Partition** [1678]. **Partitioning** [201, 1249, 1542, 1460, 1702, 1430, 1415, 180, 1837, 1808, 1231, 1196].  
**Passage** [1845]. **Passamaquoddy** [1693, 1581]. **Passing** [1473]. **Passive** [1620, 1167]. **Past** [2572, 1478, 1006]. **Pasteurella** [752]. **Patches** [2605].  
**Patchiness** [371]. **Pathogenesis** [126, 2060, 675, 1619, 1507]. **Pathogenic** [752]. **Pathogenicity** [430]. **Pathogens** [350]. **Pathways** [295, 1071].  
**Patinopecten** [1837]. **Pattern** [609, 187, 2550, 1474, 600]. **Patterns** [1459, 2321, 1217, 2509, 1737, 1107, 1317, 1974, 792, 1475, 288, 859, 1662, 1677, 433, 306, 2491, 670, 1228, 763, 407, 585, 2094, 1446, 2579, 697, 2478, 1434, 2224, 2523, 2203, 2240, 397]. **Pb** [1349, 1401, 1136]. **PCB** [2105, 622, 913]. **PCB-Induced** [2105]. **pCO** [1946, 1234]. **PDF** [1916].  
**Peak** [1916]. **Peamouth** [2241]. **Peatlands** [1168]. **Pelagic** [619, 983, 2437, 1389, 2622, 882, 1210, 1697, 1867, 2565, 1848, 1147, 1766, 735, 958, 2427].  
**pélagiques** [2225]. **pelamis** [1952]. **Pelecypoda** [911]. **Pellet** [173].  
**peltastes** [180]. **Penetrating** [320]. **penicillatus** [1242]. **Peninsula** [6, 1236, 2624]. **péninsule** [6]. **Pennate** [2507]. **Pennsylvania** [123]. **People** [1247]. **Perca** [2376, 2068, 1449, 1506, 2317, 1077, 1884, 2464, 2292, 1962, 2, 1200, 2045, 2305, 2597, 570, 1392, 1231, 1696, 2479, 1524]. **Perch** [2376, 2068, 1449, 1506, 2317, 1312, 1077, 1884, 2464, 2292, 1962, 2, 1200, 2045, 2305, 2597, 570, 1392, 1231, 2101, 1696, 2479, 369, 629, 548]. **Performance** [2401, 1825, 628, 621, 2012, 1172, 1312, 605, 2384, 1496, 1099, 504].  
**Perfusate** [1234]. **Perfused** [410, 1234, 2348]. **Period** [1563, 2594, 2367, 1432, 111]. **Periodicity** [1064]. **Periods** [1385, 2484].  
**Periphytic** [2122, 2517]. **Periphyton** [2304, 2303, 1855, 2067, 1739, 348, 1743, 982, 1731, 49, 1964, 2455, 2022, 1892, 972, 2566]. **Perivitelline** [2607, 1140, 1679]. **perlan** [677, 1621]. **Perlid** [2551]. **Perlidae** [1698].  
**Permeability** [2015, 2411]. **Permethrin** [1256, 312, 1255]. **Permits** [1153].  
**Peroxide** [2509]. **Persistence** [1831]. **Persistent** [321]. **Perspective** [1779, 153, 484, 1927, 1809]. **Perspectives** [1787, 1760, 1774, 493, 523].  
**Persson** [2106]. **Persulfate** [1846]. **Perturbation** [1520, 2622, 2385, 1724].  
**Perturbations** [1484, 2242]. **Peruvian** [2024]. **Pest** [252, 249]. **Pesticide** [356, 624]. **Pesticides** [312]. **Peter's** [877]. **Petroleum** [1318, 1566, 642, 846, 757, 392]. **Petroleum-** [757]. **Petromyzon** [233, 2255, 505, 242, 230, 231, 252, 458, 228, 251, 253, 1191, 241, 604, 240, 258, 210, 515, 260, 261, 262, 250, 245, 227, 224, 2005, 223, 225, 247, 249, 229, 222, 243, 248, 1815, 259, 254, 226, 1590, 244, 1345]. **Petromyzonidae** [208].  
**Petromyzoniformes** [207]. **pH**

[2254, 2277, 1340, 1021, 1661, 1439, 1609, 1689, 133, 1730, 2256, 2125, 2594, 1950, 1987, 2543, 1585, 643, 1464, 1752, 2506, 53, 1946, 2607, 1344, 1529, 1688, 50, 2316, 2281, 1487, 2121, 2292, 88, 1381, 103, 853, 1140, 1127, 755, 2168, 1334, 2120, 1235, 935, 2286, 340, 890, 1694, 1957, 1537, 1893, 2282, 954, 834].  
**pH-Altered** [2125]. **Pharyngeal** [1663]. **Phase** [2498, 242, 241, 1766, 2003].  
**Phenolic** [896]. **Phenomenon** [1127, 2024]. **Phenotype** [1807].  
**Phenotypes** [331]. **Phenotypic** [1113, 911, 2035]. **Pheromone** [254].  
**philippinarum** [2502]. **Phoca**  
[848, 918, 1399, 1309, 1031, 270, 871, 1568, 2212, 2549]. **Phosphatase**  
[1542, 1297, 2075, 474]. **Phosphate**  
[1939, 1268, 1546, 2087, 315, 1487, 1544, 2121, 2031, 1686, 1543, 1215].  
**Phosphorus** [1550, 1257, 11, 2122, 2517, 1548, 968, 940, 344, 557, 860, 2217, 937, 1542, 1687, 1545, 110, 1541, 417, 722, 2432, 1546, 2264, 782, 2327, 57, 777, 2073, 2074, 1549, 2352, 2360, 2571, 1890, 1808, 85, 199, 858, 315, 1544, 1104, 1570, 2145, 1911, 1931, 2406, 1144, 2088, 962, 630, 1089, 2114, 2115, 635, 758, 1054, 1651, 184, 38, 1643, 1117, 1352, 697, 1421, 1553, 2478, 474, 1258, 1022, 2072, 463, 1225, 2224, 1975, 1284, 1348, 83, 1864, 56, 1540, 1554].  
**Photo** [1402]. **Photo-Electric** [1402]. **Photocycle** [939]. **Photoinhibition**  
[2080]. **Photomicroscopy** [148]. **Photoperiod**  
[1271, 1680, 2370, 76, 1902, 1992, 389, 1611]. **Photoperiodic** [873].  
**Photosynthesis** [89, 1487, 2031]. **Photosynthetic** [60, 2178, 1743, 131].  
**Phototrophic** [2593, 2082]. **Phthalate** [1226, 399]. **physalus** [1517].  
**Physeter** [283, 2296]. **Physical**  
[910, 807, 2572, 887, 2336, 253, 132, 2573, 471, 2408, 2259, 2587, 1869].  
**Physicochemical** [961]. **Physiological** [2272, 1337, 1254, 2429, 2144, 892, 58, 981, 107, 1316, 1647, 1494, 2191, 1870, 1735, 1628, 2279, 2280].  
**Physiology** [220, 221, 1829, 216]. **Phytomacrofaunal** [2211].  
**Phytoplankton** [1545]. **phytoplankton** [408]. **Phytoplankter** [1906].  
**Phytoplankton** [1550, 459, 1445, 168, 2403, 1385, 2397, 95, 1873, 2459, 1043, 1687, 1552, 656, 67, 1726, 1895, 1417, 1879, 1880, 66, 2081, 2178, 1690, 117, 569, 58, 1395, 2620, 1547, 57, 360, 945, 2261, 579, 471, 191, 349, 1840, 1968, 1647, 1544, 2446, 962, 1083, 778, 2080, 131, 1551, 1386, 1827, 1486, 1518, 1203, 1330, 1686, 2034, 1225, 371, 1391, 2270, 739, 2364, 1649, 359, 56].  
**Phytoplanktonic** [1839]. **Picogram** [2498]. **Picoplankton**  
[1530, 2083, 2082, 1809]. **Pigment** [11, 630]. **Pigmentation** [845]. **Pike**  
[1098, 2436, 2552, 187, 2148, 203, 1885, 1013, 1477]. **pileus** [1526].  
**Pimephales** [2100, 2417, 84, 1663, 849, 1032]. **Pink** [1431, 1286, 128, 2358, 1913, 288, 1560, 1331, 2488, 705, 2163, 365, 2005, 1194, 1860]. **Pinnipeds**  
[1357]. **Piona** [735]. **Pisces** [852, 1136]. **Piscicola** [1492]. **Piscivory**  
[640, 167]. **Piscivorous** [1909]. **Piscivory** [2363]. **Pituitary**  
[1668, 533, 215, 2233]. **Placer** [1897]. **Placopecten**  
[591, 799, 2252, 1979, 1828]. **Plaice** [617]. **Plain** [1552, 1827, 1219]. **Plains**  
[742]. **planctonique** [677]. **Planktivore** [745]. **Planktivores** [2484].  
**Planktivorous** [1811, 2112, 454, 2571, 1736, 588]. **Planktivory** [2622, 1384].

**Plankton** [1204, 2078, 2077, 1741, 2466, 2297, 777, 2073, 2074, 266, 54, 448, 922, 1896, 1090, 867, 959, 2076, 2109, 1724, 1138, 1192, 1869, 1540, 1554, 1657, 2051, 2173, 1935, 743, 677]. **Planktonic** [14, 1021, 2027, 957, 299, 1546, 1342, 2196, 578, 2025, 1487, 671, 381, 1064, 1979, 152, 1469]. **Plans** [2124]. **Plant** [2211, 1636, 1603, 570, 1245]. **Planted** [502]. **Plants** [1905, 231, 806].

**Plasma**  
[2182, 108, 2258, 1977, 1113, 2234, 1222, 1172, 1992, 1695, 2606, 2450, 436, 2054].

**Plasmid** [2495]. **Plasmid-Mediated** [2495]. **Plastic** [312]. **Plasticity** [488].

**Plate** [2190]. **platessoides** [617]. **Platichthys** [650, 783, 594]. **platyceros** [1644]. **platypus** [2471]. **Plecoptera** [1698, 1626]. **Pleurobrachia** [1526]. **plicatilis** [97]. **Plots** [750]. **Pluie** [2204]. **plumbeus** [1367]. **Plume** [347]. **plumosus** [161]. **Pneumonia** [1031]. **Pocket** [351]. **Poecilia** [290, 2365, 936]. **Point** [815, 1678, 1801]. **Points** [1927]. **Poison** [799]. **Poisoned** [2589]. **poisson** [1307]. **poissons** [714, 2225]. **Poland** [1394]. **Polar** [174]. **Policies** [1369, 1915, 153]. **Policy** [582, 523, 830, 263]. **Pollachius** [1682]. **Pollock** [623, 2059, 142, 188, 2416, 1682]. **Polluted** [2272, 1734]. **Pollution** [738, 885, 1302, 81]. **Polychaeta** [370, 3, 36, 157]. **Polychaete** [545]. **Polychaetes** [825]. **Polychlorinated** [913, 1481]. **Polycultural** [538]. **Polycyclic** [2322]. **Polyethylene** [2476]. **Polygenic** [329]. **polymorpha** [2553, 1810]. **Polymorphic** [2273]. **Polymorphism** [2535, 2146, 2222]. **polynyma** [444]. **Polyorchis** [1242]. **Pomatoschistus** [1527]. **Pomoxis** [79, 1736]. **Pond** [2008, 1648, 1677, 123, 1423, 2366, 2566]. **Pond-reared** [2366]. **Ponding** [1282]. **Ponds** [1873, 2307, 1926, 696, 695, 1245, 2383]. **Pontoporeia** [2311]. **Pontoporeia** [2568, 2497, 2166, 2567]. **Pool** [2333, 1054]. **Pooled** [1308]. **Pools** [1573, 1135]. **Poor** [1599]. **Poorly** [1434]. **Pope** [1800]. **Population** [146, 2376, 678, 2415, 489, 491, 1308, 2529, 2036, 2407, 2535, 1357, 1098, 2413, 2414, 2547, 1854, 1074, 1796, 1004, 970, 2453, 2468, 2220, 613, 1608, 376, 2092, 1113, 1791, 1382, 1950, 976, 1119, 986, 142, 1118, 1143, 28, 911, 1073, 933, 2102, 2400, 105, 2452, 1952, 167, 1961, 2470, 2614, 484, 1800, 345, 447, 874, 2617, 1455, 1673, 2048, 695, 2154, 2029, 1623, 424, 871, 1568, 1418, 1928, 2101, 281, 1804, 1745, 2177, 844, 1993, 248, 254, 1933, 2546, 1477, 369, 629, 942, 1891, 2130, 2024, 257, 394, 1135]. **Populations** [1790, 495, 2104, 510, 2169, 1788, 505, 1723, 413, 1887, 1918, 230, 1224, 719, 1719, 1443, 1306, 124, 1461, 347, 1202, 1519, 2466, 2396, 1999, 1027, 104, 816, 1910, 332, 569, 2139, 33, 2246, 2525, 1341, 1259, 1759, 1622, 740, 515, 1807, 2043, 1467, 1195, 1800, 1603, 2009, 2501, 318, 689, 420, 654, 1812, 2536, 1656, 1962, 1805, 298, 2595, 1190, 644, 2542, 2058, 2611, 329, 1392, 1003, 1145, 1885, 1139, 2243, 1495, 1496, 1569, 2119, 1936, 372, 498, 237, 1637, 2290, 2608, 1514, 244, 1970, 1007, 1345, 6, 1125, 1135, 1810]. **Pore** [69]. **Porewater** [2478].

**Positional** [2287]. **Positions** [450]. **Possible** [947, 1882, 1560, 868, 284, 2442, 700, 1036, 1801, 2344]. **Postemergent** [1344, 390]. **Postglacial** [894, 2568, 1236, 1885]. **Postimpoundment** [1097, 1099]. **Postlarval** [2047]. **Postmolt** [2580]. **Postmortem** [623].



**Postsettlement** [1343]. **Postsmolt** [2159, 2449]. **Poststocking** [2245].  
**Potent** [2375]. **Potential** [1175, 357, 1492, 336, 978, 1511, 726, 1452, 2466,  
1974, 1478, 2299, 252, 772, 2204, 2132, 287, 1489, 1983, 250, 1201, 1432, 1140,  
2489, 1364, 2623, 2030, 1872, 2478, 2028, 2546, 2513, 939]. **Potentials**  
[1679, 2015]. **Potentiated** [770]. **Pothole** [1948, 183]. **Potomac** [1004].  
**pour** [2225, 408]. **Pout** [617]. **Power**  
[91, 1511, 2618, 1253, 1636, 806, 1603, 2049, 2505, 570, 525, 1448, 1801].  
**Power-Cost** [2618]. **Practical** [1787, 686, 1645, 864]. **Practical-Type**  
[1645]. **Practice** [1660]. **Prairie**  
[1948, 1445, 968, 1606, 1233, 2174, 2170, 1734, 428, 429, 183, 1696]. **Prawn**  
[1285, 1644]. **Preamplexus** [1875]. **Precambrian**  
[64, 2506, 773, 2147, 1487, 47, 1570, 1200, 758, 954]. **Precipitation**  
[2476, 1391, 1642]. **Precision** [434, 2038, 418, 2165, 73, 1753]. **Precocious**  
[839, 1181]. **Predation** [14, 729, 2340, 2255, 793, 477, 333, 2353, 120, 547,  
2002, 1478, 1850, 1331, 734, 2560, 1814, 2400, 2142, 591, 1415, 1602, 2163, 979,  
2, 1736, 1722, 1848, 2064, 2532, 247, 1872, 2314, 1556, 2109, 1244, 1162, 248,  
1815, 1524, 276, 1929, 1930, 2231, 2610, 1080]. **Predator**  
[678, 796, 2014, 657, 868, 2591, 276]. **Predator-Induced** [2014]. **Predators**  
[1462, 1698, 1478, 2102, 2452, 304, 435, 645, 2305, 2298, 1032]. **Predatory**  
[1548, 964, 1055, 241, 577, 735, 325, 1270]. **Predatory-Phase** [241]. **Predict**  
[1635, 272, 692]. **Predictability** [2312, 2579]. **Predicted** [2546]. **Predicting**  
[2394, 2466, 556, 691, 2434, 776, 2307, 2172, 2294, 833, 1392, 706, 1258, 2205,  
1368, 1403, 2516]. **Prediction** [344, 1075, 1631, 465, 2432, 559, 1068, 1100,  
27, 360, 1494, 2145, 1763, 184, 1816, 2418, 1813, 2578, 1599]. **Predictions**  
[2006]. **Predictive** [1918, 144, 1558, 469]. **Predictor** [768, 1975]. **Predictors**  
[630, 966]. **Predicts** [1977]. **Preexposure** [1849, 1899, 1947]. **Preference**  
[2484, 96, 601, 1655, 645, 648]. **Preferences** [2302, 1531]. **Preferenda** [573].  
**Prehistoric** [660]. **Preliminary** [562, 1898, 259]. **Preparation** [2348, 550].  
**Preseason** [2249, 668, 718]. **Presence** [2412, 2281, 1103, 1525, 1307, 1525].  
**Present** [2572, 1478, 387, 883]. **Presenting** [38]. **Preservation** [2421, 552].  
**Preservatives** [2186]. **Preserved** [1638, 2063]. **Preserving** [2057].  
**Presmolts** [1805, 2528]. **Prespawning** [2138]. **Prespring** [1432]. **Pressions**  
[2225]. **Pressure** [313, 979]. **Prevalance** [2058]. **Prevalence** [190, 727].  
**Previous** [1579]. **Previously** [1110, 775]. **Prey** [678, 2019, 2414, 1079, 1820,  
2436, 2068, 2001, 2484, 1462, 1155, 1306, 796, 1698, 1076, 2521, 657, 2098,  
1672, 228, 2560, 1346, 2102, 955, 1384, 454, 1909, 617, 836, 1884, 1483, 645,  
1848, 2305, 735, 2314, 2591, 276, 548, 1028, 2480, 1032, 1596, 138, 325, 1426].  
**Preying** [1571]. **Pribilof** [2471, 2534]. **Primary**  
[2507, 2397, 324, 1879, 857, 1986, 569, 1356, 1088, 277, 800, 1322, 1940, 2619,  
2620, 855, 293, 1014, 596, 2364]. **Prince** [2507]. **principaux** [1621]. **Prior**  
[1337, 507]. **Pristine** [749]. **Probabilities** [2580]. **Probability**  
[2194, 398, 1167]. **Probable** [1519]. **Probe** [1733, 2463, 351]. **Probes** [1967].  
**Probing** [828]. **Problem** [2103, 912, 2505, 141]. **Problems**  
[708, 1191, 1760, 96, 601, 250, 1173, 1359, 1769, 1922]. **Procedure**

[1844, 447, 184]. **Procedures** [2415, 312, 2205]. **Proceedings** [480, 205].  
**Process** [2020, 2336, 1522]. **Processes** [989, 1787, 1758, 2010, 435, 1651, 1151]. **Processing** [1332, 15, 2493].  
**Procladius** [1814, 2227, 2513]. **Produced** [821, 2036, 1201, 1483, 2332].  
**Producers** [2397]. **Producing** [1048, 1457]. **Product** [1668]. **Production** [923, 472, 1955, 1985, 72, 165, 619, 1175, 2429, 848, 650, 1511, 1770, 1521, 823, 1309, 760, 67, 2174, 1417, 1879, 66, 717, 1659, 4, 986, 1250, 1986, 876, 2378, 795, 569, 772, 2186, 2103, 2166, 1940, 1410, 2619, 2620, 855, 2601, 471, 287, 742, 1394, 2501, 1564, 971, 37, 296, 2425, 163, 2128, 703, 953, 2379, 1565, 1896, 2621, 1964, 437, 2542, 2475, 1740, 1334, 293, 2063, 1285, 2395, 1486, 1407, 1463, 1993, 1330, 1036, 1537, 850, 401, 1066, 164, 1843, 739, 204, 2203, 2364, 1801, 2426, 1908, 297, 426]. **Productive** [916, 1117]. **Productivity** [198, 1382, 857, 1356, 1088, 277, 800, 309, 2132, 1581, 1731, 768, 1014, 596, 2157, 1724]. **Products** [464, 726, 999, 752]. **productus** [4, 976, 824, 1941].  
**produit** [1307]. **Profiles** [631, 691, 1865]. **Profundal** [1068, 1091]. **Progeny** [2283, 1611]. **Program** [2423, 252, 1023]. **Programs** [519, 1437, 608].  
**Progress** [2457]. **Prohibited** [1024]. **Project** [2276, 2385, 44]. **Projection** [148]. **Projections** [1932]. **Projects** [1148]. **Prolactin** [2234]. **Prologue** [526]. **Prolonged** [593, 2281, 1897, 1496]. **promelas** [2100, 2417, 84, 1663, 849, 1032]. **Promotion** [2107, 1449]. **Propagation** [501, 163]. **Properties** [2573, 361, 2539, 1593]. **propos** [43]. **Proposal** [645].  
**Proposed** [157]. **Prorocentrum** [401, 1066]. **Prosimulium** [2338].  
**Prosopium** [654]. **Prospects** [539, 249]. **Prostaglandins** [534]. **Protease** [1056, 1182]. **Proteases** [361]. **Protected** [1942]. **Protection** [153].  
**Protective** [551, 751]. **Protein** [1030, 13, 2061, 2077, 1113, 2133, 1631, 1662, 2012, 2208, 1505, 639, 2076, 1291].  
**Protein-Based** [1662]. **Proteins** [1630]. **Protozoa** [699, 1409]. **Protozoan** [947, 422]. **Provide** [2008]. **Provides** [2359]. **Provinces** [1898, 104, 497].  
**Proximate** [2433, 2138]. **Psammophifous** [1407].  
**Pseudocarcinonemertes** [1290, 1292, 1597, 1289, 1291]. **pseudoharengus** [1607, 1447, 728, 23, 1485, 2550, 167, 362, 1667]. **Pseudophyllidea** [861].  
**Pseudopleuronectes** [865, 1174, 572, 2434, 617, 2322, 1425, 1967, 430].  
**Pseudopleuronectes** [2055]. **Pseudoterranova** [2492]. **Ptychocheilus** [2155, 333]. **Pu** [2140]. **publications** [41, 171, 322, 576, 685, 791, 908, 1062, 1171, 1301, 1428, 1562, 1713, 1877, 2137, 2269, 2399, 2537].  
**publications/Corrections** [1062, 1171, 1301, 1428, 1562, 2269, 41, 171, 322, 576, 685, 791, 908, 1713, 1877, 2137, 2399, 2537]. **Pueruli** [1774]. **Puerulus** [1762]. **Puget** [814, 1431, 1260, 1887, 2618, 2339, 176]. **pulex** [636]. **Pulp** [2272, 386]. **Pulse** [1987, 1676, 1133]. **Pulses** [1422, 2034]. **Pumpkinseed** [180, 2094, 276]. **Pumps** [1192]. **punctatus** [1110, 2105, 2499, 2381, 652, 615, 997, 1926, 788, 411, 421, 1230, 1507, 436].  
**pungens** [2507, 2332]. **Pup** [1357, 848, 1309, 2177, 297]. **Pure** [874].  
**Purified** [845]. **purpuratus** [2024]. **Purse** [1253, 2355]. **Purse-Seine** [2355].  
**Pushnet** [1485]. **Put** [416]. **pygmaea** [1727]. **pyrene** [278]. **Pyruvate** [21].

**Quadrat** [1198]. **Quadratic** [1455]. **Qualitative** [2479]. **Quality** [821, 996, 2078, 2485, 862, 1556, 46, 2150, 1504, 1826, 545]. **Quantification** [1274, 903, 2457, 2239, 1219]. **Quantify** [837, 2150]. **Quantifying** [1844, 1578, 635]. **Quantitative** [623, 2238, 1443, 87, 2479, 554]. **Quantity** [2413]. **Quebec** [2373, 2047, 2196, 1862, 1862, 1703, 1538, 1119, 1125, 2299, 945, 2176, 496, 390, 1582, 1125, 1236, 319]. **Question** [1653]. **Questions** [1375]. **Quid** [540]. **Quinoline** [2440]. **Quinte** [161, 2446, 1343, 1421]. **Quo** [540].

**r** [272]. **r-K** [272]. **Ra** [2442]. **Race** [560]. **Races** [1675]. **radiata** [1567]. **Radioactive** [1510]. **Radiobioassay** [2350]. **Radiocarbon** [60, 59]. **Radiochemical** [62]. **Radionuclides** [1865, 51]. **Radiophosphorus** [860, 406]. **Radiotracer** [777, 1549, 1295, 1510, 463]. **Radiotracers** [52]. **Radium** [1071]. **Raiding** [2400]. **Rain** [1168, 1852, 1615]. **Rain-Forest** [1852]. **Rainbow** [1668, 2107, 1186, 2254, 2253, 108, 1337, 2104, 510, 1165, 13, 1340, 1020, 1589, 1521, 1894, 2372, 2356, 2596, 2440, 133, 405, 1372, 2125, 1719, 457, 1614, 2551, 847, 1160, 1222, 1223, 2219, 197, 897, 795, 1268, 1847, 1822, 1746, 686, 981, 765, 1645, 22, 30, 1354, 2012, 160, 955, 289, 1493, 1919, 186, 715, 710, 2607, 2359, 1688, 1829, 1830, 1505, 1602, 2060, 2362, 1708, 1312, 2342, 99, 813, 1494, 467, 913, 451, 331, 1532, 1416, 410, 181, 1234, 2334, 2324, 1288, 2168, 2120, 738, 462, 862, 1523, 340, 1213, 2447, 1414, 2096, 2348, 419, 1588, 751, 2570, 21]. **Rainbow** [265, 1749]. **Rainforest** [972]. **Raised** [1857]. **Rakers** [488]. **Random** [2488, 689, 437, 1177]. **Randomness** [1522]. **Range** [1444]. **Ranges** [813]. **Rank** [2484, 1302]. **Rapid** [2107, 2440, 628, 1493, 149]. **Rapidly** [166, 1284, 835]. **Rare** [5]. **raschii** [1248]. **Rate** [32, 2122, 2517, 1033, 1161, 2000, 2232, 76, 116, 730, 621, 273, 1150, 688, 572, 1945, 1266, 2614, 874, 2368, 1516, 1173, 1147, 1183, 2063, 655, 2533]. **Rates** [1277, 459, 1319, 1025, 115, 1320, 1635, 2267, 77, 547, 1349, 952, 2027, 2002, 2311, 465, 1174, 307, 792, 2497, 1164, 556, 63, 1721, 2378, 1662, 1311, 2208, 1940, 1450, 617, 1039, 1865, 2128, 2294, 2271, 833, 1647, 953, 2145, 2406, 1083, 2489, 143, 2382, 2257, 2236, 1008, 431, 474, 2555, 1414, 2349, 1686, 2160, 204, 1176, 2207, 1908]. **Ratio** [409]. **Ration** [151, 26, 2106, 1842, 2059, 581]. **Rational** [2514]. **Rationalizing** [2040]. **Rations** [288, 1028, 335]. **Ratios** [604, 945, 1890, 2257, 850]. **Raven** [1113]. **Ray** [68, 592]. **Rays** [1699, 442]. **Reacidification** [2394, 2387, 1383]. **React** [1304]. **Reaction** [1155, 928]. **Reactions** [391, 392]. **Reactive** [779, 2327, 1104, 83]. **Reality** [2053]. **Reanalysis** [2418]. **Reappraisal** [1501]. **Reared** [177, 2055, 686, 981, 1900, 1674, 268, 195, 1213, 2366]. **Rearing** [593, 446, 365, 905, 1859, 2531]. **Reassessment** [2061]. **Rebuild** [1805]. **Rebuilding** [1594]. **Recapture** [434, 848, 1614, 1857, 1858, 341, 920]. **Receiving** [46]. **récentes** [41, 171, 322, 576, 685, 791, 908, 1713, 1877, 2137, 2399, 2537]. **Recently** [2097, 759, 2103]. **récents** [1062, 1171, 1301, 1428, 1562, 2269]. **Reciprocal**

[174, 1478, 1567]. **Recognition** [609, 1474, 700]. **Recombinant** [2107, 2375]. **Recommendations** [1799, 523, 263]. **Reconditioned** [2454]. **Reconditioning** [1902]. **Reconstructed** [1238]. **Reconstruction** [2349]. **Reconstructions** [1730]. **Record** [660, 2242]. **Records** [5]. **Recovered** [1426]. **Recoveries** [1362, 713, 2159]. **Recovery** [2255, 1589, 2519, 1863, 2352, 2172, 1121, 248, 1754, 1664]. **Recreational** [169, 366, 1006]. **Recruit** [2156, 1101]. **Recruitment** [1779, 1789, 1773, 1776, 1787, 1764, 2110, 1786, 724, 2004, 1795, 1558, 2437, 1758, 2466, 2201, 1791, 1798, 560, 398, 33, 1447, 1369, 1338, 1476, 1759, 2260, 1228, 1821, 380, 1760, 1762, 279, 2288, 1122, 2, 1594, 2093, 1761, 1765, 1792, 424, 1583, 2445, 1927, 378, 2205, 1151, 824, 2581, 379, 377, 2598, 129, 1514, 1982, 1923, 1756]. **Recurrence** [271]. **Recurrent** [1001]. **Recycling** [74, 2217, 1545]. **Red** [573, 2494, 445, 835, 1001, 679]. **Red-** [2494]. **Redd** [859]. **Redds** [1283, 2181]. **Redeposition** [166]. **Redfish** [1146, 925, 1429]. **Redfishes** [1598, 925, 1455, 404, 1232, 747]. **redivivus** [149]. **Redmouth** [770]. **Redside** [2011]. **Reduce** [1024, 1012]. **Reduced** [2095, 2029, 419, 2290, 1652]. **Reduces** [1735]. **Reducing** [45, 300]. **Reductant** [2145]. **Reductant-Soluble** [2145]. **Reduction** [698, 63, 1690, 721, 1178, 1500, 2088, 255, 359]. **Reductions** [1889, 2072, 369, 629]. **Redundancy** [836]. **Reef** [1652, 248]. **Reevaluation** [2112]. **Reference** [1671, 1557, 2552, 535, 2059, 1726, 487, 1622, 763, 207, 1094, 1927, 767, 2270]. **Reflectance** [11]. **Reflection** [1478]. **Reflections** [989, 2052]. **Regard** [221]. **Regarding** [1760]. **Regeneration** [1548, 1019, 1039]. **Régime** [1621, 899, 899, 265]. **Regimes** [2527, 292, 834]. **Region** [1519, 393, 512, 2216, 387, 47, 2595, 208, 43]. **Regional** [1954, 2579, 2419, 308, 1917]. **Regionally** [2297]. **Regions** [1566, 637]. **Registration** [250]. **Regression** [2050, 823, 1720, 1802, 164]. **Regressions** [1419]. **Regulated** [469, 15]. **Regulating** [1320, 2400, 1738]. **Regulation** [1680, 2370, 573, 144, 1835, 314, 621, 687, 2402, 1157, 199, 1245, 29]. **Regulations** [2590]. **Regulatory** [1531]. **Rehabilitate** [246]. **Rehabilitation** [1915, 519]. **Reinhardtus** [2161, 376, 699]. **Related** [1205, 1606, 97, 124, 228, 1449, 1302]. **Relation** [2486, 1955, 665, 1601, 151, 26, 1597, 1811, 1336, 2021, 1839, 1856, 693, 1390, 887, 2246, 348, 782, 1954, 190, 2573, 2607, 1283, 806, 262, 2316, 245, 2295, 1555, 644, 2076, 496, 247, 462, 2090, 431, 1358, 1724, 2224, 1936, 138]. **Relations** [1266, 437, 2502]. **Relationship** [1790, 1116, 1789, 1866, 1445, 2467, 1764, 1154, 724, 2127, 464, 823, 2552, 664, 2563, 764, 1229, 1382, 215, 2261, 1517, 794, 2087, 2408, 2406, 671, 1144, 183, 758, 2259, 1632, 965, 2366, 1022, 1225, 1028, 2226, 1514, 466, 702, 589]. **Relationships** [963, 11, 1134, 2568, 2126, 1249, 2110, 128, 1197, 682, 2211, 67, 796, 124, 1798, 2357, 1910, 1338, 2111, 787, 349, 2503, 1697, 112, 1911, 962, 1, 2504, 1352, 2382, 1583, 1421, 1728, 1330, 1196, 2567, 849, 379, 1264, 415, 2502]. **Relative**

[633, 1770, 557, 896, 970, 1451, 934, 2213, 653, 1221, 773, 2446, 2082, 1778, 2483, 1518, 2096, 1975, 204, 1448, 1454, 954]. **Release** [583, 307, 417, 792, 2497, 2172, 858, 2145, 2406, 1651, 697, 463, 720]. **Release/Recovery** [2172]. **Released** [814, 898]. **Releases** [823, 2248, 2508, 971]. **Releasing** [1977]. **Releasing** [2054]. **Relevance** [1073, 2417, 523]. **Reliability** [803]. **Reliable** [459]. **Relict** [281, 2568]. **relicta** [120, 547, 764, 1660, 420, 571, 974, 1555, 1718]. **Remaining** [2172]. **remontées** [1490]. **Remote** [2319, 435]. **Removal** [295, 2497, 2412, 1499, 1003]. **rendu** [575, 931]. **Rendus** [18, 40, 100, 119, 137, 154, 189, 286, 338, 354, 384, 402, 425, 443, 461, 555, 616, 632, 649, 667, 684, 701, 753, 771, 790, 809, 842, 863, 886, 907, 967, 990, 1016, 1042, 1061, 1115, 1132, 1149, 1170, 1189, 1207, 1227, 1273, 1300, 1328, 1377, 1398, 1413, 1427, 1442, 1479, 1502, 1533, 1561, 1591, 1616, 1641, 1665, 1685, 1712]. **Renewal** [47]. **Renibacterium** [1844, 1841]. **Repair** [2020]. **répartition** [677, 1767]. **Repeat** [1983]. **Repeat-Spawning** [1983]. **Repetition** [73]. **Replacement** [2001, 657, 634]. **Replication** [115]. **Report** [261, 262, 260]. **Reproducibility** [681]. **Reproduction** [2398, 1797, 1508, 983, 527, 636, 2389, 101, 221, 1517, 833, 1201, 2189, 530, 290, 1623, 914, 1213, 534, 774]. **Reproductive** [346, 357, 978, 2184, 762, 529, 1732, 897, 1676, 1266, 2471, 712, 1210, 1195, 1837, 2623, 2030, 416, 748, 697, 655, 2460, 1936, 939]. **Require** [1293]. **Required** [1972]. **Requirement** [2031, 1469]. **Requirements** [2061, 342, 2448, 85, 1803, 608]. **rerio** [1978]. **Research** [541, 1799, 1168, 1212, 920, 1753, 1010, 2308, 1313, 1058]. **Reserves** [1871, 1850, 1644]. **Reservoir** [923, 1092, 2014, 2178, 277, 634, 2312, 122, 1237, 2224, 1085]. **Reservoirs** [2129, 722, 2264, 782, 2103, 2360, 1089, 1094]. **Residence** [2140, 2538, 1102, 1173]. **Residency** [561]. **Resident** [2108, 1744, 230, 5, 1930]. **Residual** [788, 2393]. **Residue** [604]. **Residues** [1912, 1318, 1566]. **Resin** [2432]. **Resistance** [775, 652, 1950, 2611, 1947, 2495]. **Resistant** [2200]. **Resolute** [2578]. **Resolution** [2605]. **Resorption** [2500]. **Resource** [444, 518, 1415, 180, 1517, 1693, 1432, 1298, 1355, 1047, 1231]. **Resources** [665, 1952, 485, 671, 522]. **Respiration** [1707, 217, 757, 1315, 2449]. **Respiratory** [1037, 854, 605]. **Respirometer** [1058]. **Response** [1165, 1098, 1079, 2397, 2381, 2123, 1406, 2097, 2468, 2387, 2116, 2396, 1977, 1055, 2543, 981, 2102, 1395, 1715, 1902, 2558, 2313, 57, 997, 1449, 2271, 1494, 331, 435, 2334, 2455, 2022, 2305, 1465, 1989, 1438, 1510, 1124, 1714, 229, 243, 2072, 1569, 595, 1627, 1596, 1403]. **Responses** [472, 1337, 2122, 2517, 1020, 1589, 1263, 1453, 2323, 1223, 1371, 687, 1287, 2195, 1994, 330, 2540, 2317, 601, 1897, 1262, 2367, 950, 468, 1494, 1381, 2242, 1156, 1121, 102, 1936, 255, 2153, 1628, 2344, 1582]. **Rest** [108]. **Restabilization** [1085]. **Resting** [902, 204, 679]. **Restoration** [1036, 608]. **Restricted** [1887, 327, 1951]. **Restriction** [1137]. **Result** [1079]. **Resulting** [626, 419]. **Results** [1681, 1243, 2326, 2251, 2365, 1386, 259, 164].

**Resuspension** [626, 1233]. **Retardation** [1754]. **Retention** [1396, 77, 937, 110, 1705, 1765, 1288, 1488]. **reticulata** [290, 2365, 936].  
**Retinal** [2246]. **Retirement** [16]. **Return** [2232, 2516]. **Returned** [1776].  
**Returning** [365]. **Returns** [583, 2204, 2604]. **Reuse** [1528]. **Reversal** [382].  
**Review** [1781, 2055, 1758, 882, 884, 234, 642, 1329, 1761, 1765, 1780, 885, 2152, 575, 931].  
**review/Compte** [575, 931]. **Reviews** [18, 40, 100, 119, 137, 154, 189, 286, 338, 354, 384, 402, 425, 443, 461, 555, 616, 632, 649, 667, 684, 701, 753, 771, 790, 809, 842, 863, 886, 907, 967, 990, 1016, 1042, 1061, 1115, 1132, 1149, 1170, 1189, 1207, 1227, 1273, 1300, 1328, 1377, 1398, 1413, 1427, 1442, 1479, 1502, 1533, 1561, 1591, 1616, 1641, 1665, 1685, 1712]. **Reviews/Comptes** [18, 40, 100, 119, 137, 154, 189, 286, 338, 354, 384, 402, 425, 443, 461, 555, 616, 632, 649, 667, 684, 701, 753, 771, 790, 809, 842, 863, 886, 907, 967, 990, 1016, 1042, 1061, 1115, 1132, 1149, 1170, 1189, 1207, 1227, 1273, 1300, 1328, 1377, 1398, 1413, 1427, 1442, 1479, 1502, 1533, 1561, 1591, 1616, 1641, 1665, 1685, 1712]. **Revised** [2568, 960]. **Revisited** [1999]. **Reynolds** [900].  
**Rheotactic** [2119]. **Rhinichthys** [725, 1055]. **rhotheus** [477]. **Rhythms** [527]. **Richards** [86]. **Richardsonius** [2011]. **Richness** [1889, 2316]. **Ricker** [1476]. **Rifle** [725, 2487]. **Right** [1498]. **Rigler** [2350]. **Ring** [1050]. **Ringed** [1399, 270, 2212, 2549]. **Rings** [815, 193]. **Riparian** [2170, 887, 2056]. **Risk** [2142, 2163, 689, 1615]. **Risks** [1418, 1285]. **River** [1466, 1534, 232, 364, 2474, 1538, 1096, 1095, 333, 2575, 1335, 1141, 690, 2146, 1317, 1125, 2454, 2131, 1746, 1088, 1087, 2291, 1395, 1734, 800, 236, 1675, 1674, 561, 1963, 239, 1579, 2564, 1084, 2005, 2621, 1536, 1, 1727, 1142, 329, 843, 1072, 1735, 2487, 281, 238, 1407, 1375, 1993, 2383, 237, 17, 1261, 2584, 1091, 390, 2162, 1882, 741, 1004, 2004, 1458, 952, 1159, 1452, 1451, 690, 1405, 1972, 560, 1729, 2491, 1435, 1678, 1288, 738, 1010, 1011, 1014, 1012, 1013, 369, 629, 2404, 2226, 1860, 2516]. **Riverine** [896, 2297, 696, 695, 1237]. **Rivers** [947, 724, 1659, 567, 1622, 236, 1994, 2601, 1163, 237, 818, 1035]. **rivière** [1125]. **RNA** [1668, 2257]. **Roberts** [1]. **Robust** [2369, 1669]. **Robustness** [2062]. **robustus** [1752]. **rocheux** [899]. **Rock** [1773, 1776, 1764, 613, 591, 2561, 1763, 1244, 1761]. **Rocky** [1671, 1574, 1401, 15]. **Role** [1786, 2356, 1453, 9, 28, 252, 253, 2400, 199, 1117, 1245, 534, 1696, 2383, 248, 1960]. **Roles** [1454]. **Roots** [557, 2409]. **rosea** [468]. **rosmarus** [334]. **rostrata** [2456, 1269, 1307, 1700, 658]. **Rot** [195]. **Rotifer** [97, 2025, 10]. **Rotifers** [381]. **Round** [654]. **Routes** [2372, 2516]. **rubens** [10]. **ruckeri** [641, 1109]. **Ruditapes** [2502]. **Run** [1485, 2195]. **Running** [236, 237, 2545]. **Runoff** [1395, 1491]. **Runs** [1335, 176, 227]. **Rural** [1126]. **rusticus** [1752, 1889]. **Rutilus** [2207]. **Ryder** [2418].  
**S** [739]. **S.** [346, 133, 1614, 1822, 1746, 1598, 925, 1455, 404, 747, 451, 2334, 329, 1241]. **sa** [1749]. **Sablefish** [562, 2108, 1000, 1617, 659]. **Sac** [1052, 1379]. **Sacramento** [548]. **Safe** [2322]. **Saffron** [1051]. **Sagittae** [2358, 1440, 702]. **Saguenay**

[761]. **saida** [580]. **Saint** [877, 6, 1267, 677, 819, 1767]. **Saint-Laurent** [6, 1267, 677, 1767]. **saisonnnières** [870]. **Salamanders** [2174, 887]. **salar** [177, 364, 1187, 1538, 1584, 1037, 2247, 558, 724, 1973, 762, 2341, 2538, 839, 133, 719, 1453, 1107, 1317, 2133, 2441, 1125, 2454, 2131, 2248, 859, 1379, 2405, 1746, 1060, 1729, 2193, 2291, 2439, 1592, 343, 1945, 567, 1622, 2448, 446, 1902, 1322, 1845, 2470, 1344, 1283, 1994, 2601, 1327, 1435, 1316, 1992, 2159, 1832, 2367, 2368, 1181, 1656, 1078, 268, 1859, 103, 853, 1140, 2015, 496, 2623, 1278, 328, 329, 843, 1072, 1735, 1057, 1503, 1816, 497, 890, 1326, 2099, 921, 1123, 1163, 2354, 195, 1694, 1151, 494, 1637, 2290, 1241, 2404, 2113, 2449]. **salar** [390, 2569]. **Salicylate** [106]. **Saline** [1445, 1606, 2319, 1806]. **Salinity** [674, 2431, 1493, 1992, 1679]. **salminicola** [1056, 1409]. **Salmo** [1459, 1668, 2107, 1186, 2254, 2253, 177, 108, 1337, 364, 1187, 1538, 510, 1584, 1037, 1165, 2247, 13, 1340, 558, 1020, 1589, 413, 1260, 1887, 724, 1973, 1521, 1894, 2372, 762, 1744, 2341, 2538, 2356, 1689, 839, 2440, 133, 719, 405, 1372, 2125, 1719, 1453, 457, 1107, 1317, 450, 1614, 2133, 2441, 1125, 1160, 640, 2454, 2131, 1222, 1223, 2219, 197, 2248, 859, 897, 1379, 2405, 795, 1268, 1847, 1822, 1746, 1060, 1729, 2193, 2291, 2230, 2302, 1346, 2246, 686, 981, 765, 1645, 22, 30, 1354, 2439, 2012, 1259, 1853, 160, 1592, 343, 955, 289, 1945, 567, 1622, 2448].

**Salmo** [446, 1493, 1902, 1322, 1919, 186, 1845, 715, 710, 2470, 1344, 1283, 1994, 2601, 2359, 1688, 1829, 1830, 1505, 1327, 1195, 1675, 2060, 2362, 2044, 1435, 1316, 1992, 1708, 1312, 2342, 99, 813, 2159, 2315, 1832, 2367, 2368, 1944, 1181, 1656, 1494, 2379, 1078, 467, 913, 451, 331, 1532, 1190, 410, 268, 181, 1859, 1234, 103, 853, 1140, 2015, 2334, 2324, 496, 2489, 2168, 2623, 1749, 1278, 2011, 2120, 2361, 328, 329, 843, 1072, 738, 462, 862, 1523, 1735, 340, 1057, 1503, 1816, 8, 497, 890, 1326, 2099, 921, 1123, 1163, 2354, 195, 1694, 1067, 1213]. **Salmo** [2035, 2447, 1414, 2096, 2348, 1151, 2243, 494, 419, 1637, 2290, 1241, 2404, 1588, 2113, 2226, 818, 319, 2449, 390, 2569, 1454, 751, 389, 21, 265].

**salmoïdes** [1648, 1230, 506, 2610, 1596]. **Salmon** [1308, 177, 2162, 821, 996, 814, 984, 1305, 1431, 1466, 1286, 1534, 1851, 2026, 1882, 2258, 1187, 1422, 872, 1538, 151, 26, 2175, 2500, 1985, 1056, 583, 1584, 1825, 1037, 2247, 2249, 1492, 861, 1409, 342, 1723, 1335, 1141, 1396, 2524, 724, 1973, 1699, 823, 2004, 609, 1458, 762, 2341, 2538, 839, 1842, 133, 719, 1453, 2375, 1155, 2232, 1844, 796, 1107, 1317, 76, 1048, 2218, 1977, 2057, 2133, 2371, 2345, 2441, 1850, 2194, 1625, 560, 2454, 1913, 1910, 2131, 288, 159, 1857, 1858, 2248, 859, 1560, 1721, 1379, 2405, 2494, 1331, 1571, 606, 653, 1073, 1746, 1060]. **Salmon** [1729, 2193, 2291, 2431, 733, 544, 1253, 2040, 2488, 2439, 1742, 2151, 2530, 1592, 1287, 343, 2245, 2491, 593, 1102, 1945, 567, 1622, 2448, 20, 2265, 446, 1902, 1322, 781, 1961, 582, 1845, 705, 2195, 2470, 1344, 1283, 1994, 2601, 387, 484, 2616, 1900, 1674, 561, 107, 2251, 2163, 520, 1705, 600, 365, 1435, 176, 2508, 1838, 391, 971, 1316, 1992, 500, 1023, 2548, 2347, 2159, 1832, 2367, 2368, 675, 926, 1812, 1944, 785, 1673, 904, 2564, 1181, 1656, 703, 1360, 1078, 1565, 1805, 2604, 2005, 2266, 1483, 268, 1859, 71, 437, 718, 644, 891, 1238]. **Salmon** [1239, 1446, 1536, 2505, 103, 696, 695, 853, 1140, 2015, 496, 1208, 938, 1142,

1177, 2058, 2623, 1278, 499, 328, 329, 1199, 843, 1072, 2181, 1870, 935, 1282, 1735, 1057, 1503, 1816, 497, 890, 1326, 2099, 352, 921, 1123, 1163, 2329, 2354, 195, 864, 1694, 1145, 2438, 1938, 1804, 2384, 1194, 611, 102, 2349, 1151, 2531, 2383, 1495, 1496, 1569, 2119, 2528, 2039, 494, 817, 2054, 1637, 2290, 1028, 1241, 2404, 830, 2113, 1374, 818, 392, 1917, 1903, 2449, 390, 1860, 2569, 193, 702, 1152, 2275, 1403, 1929, 1930, 2612, 2516, 1960, 335, 1611, 1038, 558].

**salmon** [1327]. **Salmon-Producing** [1048]. **salmonicida** [464, 551, 726, 1406, 1182, 2463, 268]. **Salmonid** [1137, 1608, 2457, 1715, 520, 1564, 1943, 1841, 988, 1997]. **Salmonidae** [1135]. **Salmonidés** [1135]. **Salmonids** [2182, 1128, 333, 535, 2351, 1852, 501, 373, 1963, 422, 905, 1692, 467, 2541, 2383, 498, 194]. **salmoninarum** [1844, 1841]. **Salmonine** [1556]. **Salmonines** [1306]. **salmoninus** [92]. **salmositica** [1492]. **Salt** [441]. **salvelini** [861]. **Salvelinus** [646, 310, 2473, 2401, 2474, 2276, 2255, 346, 1703, 987, 2277, 509, 551, 726, 1744, 2356, 508, 2146, 1574, 1306, 2396, 450, 1709, 502, 1119, 2234, 2451, 2389, 2299, 507, 1984, 2337, 1052, 1987, 1346, 2246, 661, 2439, 1341, 1259, 2216, 320, 2448, 2265, 1863, 2183, 712, 2273, 282, 240, 291, 2171, 246, 1499, 2263, 503, 773, 2214, 1316, 2281, 2617, 2408, 1528, 245, 948, 2271, 2283, 2284, 912, 181, 247, 1623, 1235, 1523, 1057, 2391, 2395, 1751, 281, 844, 248, 1815, 1537, 1754, 1893, 2233, 1947, 2285, 2546, 2282, 255, 504, 244, 390, 2278, 2279, 2280, 257].

**same** [714, 1135]. **Sample** [283]. **Sampled** [2238]. **Sampler** [2190]. **Samplers** [741, 2213, 93]. **Samples** [2476, 1309, 2421, 1191, 709, 2063].

**Sampling** [633, 2469, 1972, 1202, 2618, 2098, 1212, 1437, 571, 1198, 122, 1472, 2158, 554].

**Sand** [1046, 1567, 2595, 1166, 1407, 397, 812, 2152]. **Sandbar** [1367]. **Sandy** [1034]. **sapidissima** [2535, 952, 1159, 1452, 1451, 1558, 395, 394, 1579].

**Saqvaqujac** [1313, 1315, 1642, 1991, 2179, 2364]. **Sardina** [2602]. **sardinae** [1983]. **Sardinella** [2565, 318]. **Sardines** [2602]. **Sardinops** [2602].

**Sargasso** [2600]. **Sarotherodon** [877]. **Sars** [2167]. **Saskatchewan** [690, 2227]. **Satisfaction** [1279]. **Satisfy** [1546]. **Saturation** [1356]. **Sauger** [2328, 711, 1261]. **saumons** [1327]. **sauvages** [1327]. **Saving** [2065]. **Savings** [2124]. **saxatilis** [1004, 388, 1184, 1172, 2366, 19]. **Saxitoxin** [2344]. **Scale** [2175, 2500, 956, 609, 1552, 2000, 1076, 1845, 2310, 68, 1615, 707, 1843, 88].

**Scaled** [2256]. **Scales** [117, 567, 387, 948, 707, 2584, 714]. **Scalings** [2429].

**Scallop** [1979, 1828, 2024]. **Scallops** [591, 799, 1837, 2252]. **Scandinavian** [1660, 493]. **Scanning** [470]. **Scarring** [239, 442]. **Scats** [1426]. **Scattering** [627, 2511]. **Scenedesmus** [2031, 1339]. **Schaefer** [37, 158, 1252, 164].

**Schedules** [1161]. **Schemes** [2618]. **schmidti** [1387]. **Schnute** [1500].

**Schools** [2164, 2003]. **Sciaenops** [835]. **Science** [486, 2222]. **Sciences** [665].

**Scomber** [109, 399, 2064, 2197, 2154, 1324, 1321]. **scombri** [109]. **scombrus** [109, 399, 2064, 2197, 1321]. **Scotia** [1279, 558, 1276, 1770, 2582, 1043, 613, 1229, 1526, 1883, 672, 780, 433, 2515, 1994, 2601, 1044, 2296, 1244, 563, 2157, 2427, 2252, 466]. **Scotian** [1432, 1650, 816, 2574, 5, 2425, 2289, 268, 1772, 1572, 627, 651, 2377, 1358,



832, 850, 818, 1050]. **Scotland** [239]. **Screen** [427]. **Screens** [300]. **Sculpin** [725, 477, 1311]. **Sea** [177, 233, 2474, 2255, 980, 1538, 1776, 505, 1973, 242, 230, 1113, 231, 1371, 2248, 252, 458, 653, 2431, 228, 819, 251, 253, 343, 1191, 591, 799, 241, 604, 240, 258, 210, 515, 787, 260, 261, 471, 262, 1435, 250, 1501, 245, 227, 224, 2005, 223, 225, 247, 2623, 1199, 2235, 2236, 2591, 249, 1163, 1244, 596, 229, 205, 222, 243, 248, 1815, 25, 259, 2252, 1995, 254, 226, 1979, 1828, 1590, 244, 466, 669, 1345, 543, 881, 694, 264, 580, 2059, 376, 206, 142, 444, 1954, 975, 2600, 308, 1158, 263]. **Sea-Age** [1538, 2623]. **Sea-Ice** [1371]. **Sea-Type** [2431]. **Seabird** [2159]. **Seabirds** [74, 1158]. **Seagrass** [744, 942]. **Seal** [1912, 848, 918, 793, 1309, 871, 1568, 2177, 2534, 774]. **Seals** [357, 1854, 1399, 1031, 1393, 270, 2212, 2533, 2549, 297, 1426]. **Sealworm** [2492]. **Search** [2112, 1265, 2329]. **Searching** [745]. **Season** [786, 1667]. **Seasonal** [1292, 993, 762, 2311, 1113, 1883, 1475, 2323, 2131, 859, 1734, 2619, 62, 287, 84, 1808, 979, 784, 1008, 2085, 2084, 358, 1935, 2578, 1649, 669, 870]. **Seasonality** [1384]. **Seasonally** [2297, 1678]. **Seasons** [1816]. **Seaward** [606, 1322, 1870, 1738, 1929, 1611]. **Seawater** [106, 861, 1842, 97, 2378, 299, 593, 1102, 611, 2606]. **Seawater-Adapted** [2606]. **Seaweeds** [1501]. **Sebastes** [1146, 1598, 969, 925, 1455, 404, 747, 1232, 1429, 2101]. **Seber** [434]. **Secchi** [344, 1336]. **Second** [1471, 1324]. **Secondarily** [32]. **Secondary** [2174, 772, 2501, 2285, 401, 426]. **secteur** [1490]. **Sectional** [1308]. **Sections** [333, 1729, 2379, 1364]. **sector** [1490]. **securis** [854]. **Sedentary** [2230]. **Sediment** [2229, 1671, 1422, 477, 1670, 1408, 1509, 82, 1349, 2116, 110, 764, 822, 1986, 999, 1086, 52, 70, 2327, 1430, 945, 797, 2087, 1295, 1865, 1897, 2342, 749, 1401, 2406, 1678, 2181, 2382, 2242, 412, 1258, 2089]. **Sediment-Degraded** [999]. **Sediment-Derived** [70]. **Sediment-Forming** [2089]. **Sediment-Lead** [764]. **Sediment/Water** [1258]. **Sedimentary** [2126, 1730, 145, 2406]. **Sedimentation** [626, 1097, 1086, 2571, 1865, 372]. **Sedimentological** [178]. **Sediments** [2467, 313, 1249, 1233, 2217, 1610, 2140, 937, 1691, 2147, 829, 2323, 1323, 2412, 2103, 1595, 1819, 2007, 1683, 1566, 2145, 1120, 1931, 648, 1334, 80, 1011, 1421, 1400, 51, 353, 2478, 1196, 1215, 679, 720, 1908]. **Seed** [1978]. **Seepage** [2132]. **Segregated** [1259]. **Segregation** [661, 1623, 1267, 1267]. **sein** [677]. **Seine** [1253, 2355, 1937]. **Selected** [1347, 438, 2594, 829, 1759, 1629, 227, 421, 305, 570, 2487]. **Selection** [1781, 542, 1861, 1462, 1634, 272, 1742, 955, 1384, 1527, 1925, 943, 1884, 1832, 1180, 1072, 651, 2241, 358, 2393]. **Selective** [730, 1174, 1331, 653, 1814, 2045, 1162, 1903, 1270]. **sélectives** [2225]. **Selectivities** [2213]. **Selectivity** [2001, 1571, 735, 1167, 276]. **Selenastrum** [1297]. **seleniris** [413]. **Selenium** [775, 30, 113, 1011, 1014, 1386, 1012, 1013, 1469, 1525, 1525]. **Self** [1083]. **Self-Cleaning** [1083]. **Semicontinuous** [1686]. **Seminatural** [1859]. **semireductus** [161]. **Semivoltine** [1154]. **Semotilus** [1055]. **Senecella**

[1154, 1811]. **sensible** [543]. **Sensing** [2319]. **Sensitive** [1563, 2367, 543]. **Sensitivities** [2154]. **Sensitivity** [1608, 2577, 1353, 1922]. **Separable** [1961]. **Separate** [982]. **Separating** [699]. **Separation** [807, 132, 1065, 1943, 1904, 6, 6]. **Sept** [319]. **Sept-Îles** [319]. **Sequence** [2461]. **Sequential** [1366, 2124, 1812]. **Series** [1308, 1654, 2110, 1417, 2228, 2434, 1802, 1006, 1869, 595, 2581, 1264]. **Serological** [641]. **serovar** [1709]. **Serum** [2146, 21]. **Serville** [2186]. **Serving** [1803]. **Session** [1797, 1799, 1796, 1795, 1798, 1794, 1793, 1792]. **Seston** [269, 1707, 1836, 78, 62, 2176, 468, 709, 2051, 11, 2076, 409]. **Set** [418, 2180]. **SETCOL** [459]. **Settlement** [1774]. **Settling** [173, 888, 2496]. **Seulpins** [708]. **Seventy** [2563, 1041]. **Seventy-Fifth** [1041]. **Seventy-Two** [2563]. **Several** [446, 121, 1706, 1803]. **Sex** [1563, 535, 1721, 1506, 35, 531, 382]. **Sexing** [284]. **Sexual** [1781, 984, 343, 1506, 1000, 290, 2099, 921, 192]. **Sexually** [1584]. **Seymour** [2624]. **Shad** [2535, 952, 1159, 1452, 1451, 395, 394, 1579, 1558]. **Shadowing** [148]. **Shagawa** [1022]. **Shallow** [781, 1416, 916, 1117, 2478]. **Shape** [1654]. **Shark** [1367]. **Sharks** [793, 2134]. **Sharp** [404]. **Sharp-beaked** [404]. **shasta** [941]. **Sheet** [558]. **Shelf** [433, 787, 2511, 840, 1448, 1650, 618, 2574, 1566, 2310, 5, 2425, 2289, 1432, 1772, 1572, 651, 2377, 1358, 949, 1657, 832, 850, 1050]. **Shell** [336, 2336, 612, 2529]. **Shellfish** [2507, 2006, 306, 799, 902]. **Shelter** [1778]. **Shield** [1610, 1033, 2140, 2147, 64, 2323, 1071, 2506, 1410, 62, 1549, 773, 1487, 47, 1570, 758, 954, 1599]. **Shift** [2214, 843]. **Shifting** [1407]. **Shifts** [662, 332, 1415, 2094]. **Shiner** [2512, 868, 2452, 2011]. **Shiners** [573]. **Ship** [1438]. **Shoal** [2572]. **Shock** [2121]. **Shoots** [2409]. **Shore** [319]. **Shoreline** [1085, 2312]. **Short** [1456, 1422, 2303, 1217, 2484, 2386, 2392, 1939, 1296, 2251, 365, 452, 2581, 2598, 2397]. **Short-Finned** [1296]. **Short-Term** [2303, 1217, 2484, 2386, 2392, 1939, 2251, 2598, 1456, 1422, 365, 452, 2397]. **Shortfin** [977, 581]. **Shrimp** [128, 120, 1933, 1718, 420]. **Shrinkage** [674, 2588]. **Si** [2123, 1547]. **sicilis** [358]. **Side** [905]. **Side-Channel** [905]. **Sierra** [2346]. **Sieve** [875]. **Sigmoid** [2503]. **Signal** [2359, 2164]. **Significance** [1254, 2568, 1526, 501, 2102, 2470, 1575, 2209, 2212, 2243, 1225]. **Significant** [1680, 1907]. **Silica** [2217, 2261, 1421, 1553, 353]. **Silicon** [841]. **Silt** [648]. **Silt-Clay** [648]. **Siltation** [178]. **Silver** [202, 1990, 866, 2574, 1738, 2306]. **Silverside** [1563, 634]. **SIMCA** [1474]. **Similarities** [1002]. **Similarity** [2461, 291, 2613]. **Simple** [1833, 11, 459, 1707, 373, 149, 1543]. **simplex** [1666]. **Simplified** [1476, 1846, 663, 550]. **simulans** [2186]. **Simulated** [1835, 2481, 1356, 955, 29]. **Simulation** [998, 1980, 776, 440, 2472, 786, 2062, 2048, 2534, 1353, 164]. **Simulations** [2415, 10]. **Simuliid** [2128]. **Simuliidae** [2522, 1655]. **Simultaneous** [2475]. **Simultaneously** [628]. **Single** [128, 816, 878, 2296, 1916]. **Single-Transducer** [1916]. **Sinking** [459]. **Site** [1029, 1052, 487, 888, 1734, 1463, 1006]. **Site-Specific** [1734]. **Sites**

[1160, 2227]. **Sitka** [1560]. **Situ** [2106, 1356, 69, 1126, 448, 2597, 1166, 2123, 1320, 1635, 2077, 2027, 796, 2202, 131, 87, 596, 1824, 2231, 56, 1862]. **Six** [2274, 2506, 1968, 1106]. **Size** [1790, 283, 1955, 1466, 1851, 26, 583, 619, 983, 801, 2429, 779, 2593, 901, 1154, 2067, 2055, 970, 77, 1197, 1458, 2453, 934, 2002, 2220, 820, 2232, 124, 76, 116, 2521, 1850, 986, 1987, 1702, 2544, 780, 1571, 653, 2431, 1476, 819, 688, 1742, 2491, 374, 566, 1821, 1101, 1449, 2617, 2288, 2464, 407, 2580, 1516, 427, 2590, 1232, 959, 594, 2045, 2597, 2185, 694, 2030, 1778, 499, 1167, 1916, 2600, 431, 1928, 2444, 2445, 453, 1145, 2366, 1804, 707, 192, 308, 958, 1724, 432, 2034, 1995, 1225, 2528, 1524, 1477, 152, 358, 2051, 2226, 2584, 2180]. **Size** [1903, 1270, 1403, 1864, 1038]. **Size-Biased** [2584]. **Size-Class** [2185]. **Size-Dependent** [2597]. **Size-Limited** [1524]. **Size-Related** [1449]. **Size-Selective** [653, 2045, 1903, 1270]. **Size-Specific** [2580]. **Size-Structure** [819]. **Size-Structured** [1928, 2444, 2445]. **Sizes** [955, 1493, 1198, 1138]. **Skin** [783]. **Skipjack** [1952]. **Skuse** [2513]. **Slimy** [1311]. **SLIS** [264, 205, 260, 262]. **Slope** [2108, 627, 840]. **Slot** [1473]. **Slow** [1269, 2020, 1493, 200]. **Slow-** [1269]. **Slower** [2365]. **Slub** [2028]. **Slurry** [1735]. **Small** [1470, 60, 1396, 1635, 1610, 2335, 1076, 1382, 1850, 1433, 28, 2622, 1212, 2192, 1852, 1071, 2056, 2457, 2245, 1747, 1748, 188, 155, 2430, 304, 1200, 1423, 843, 1072, 2181, 2363, 1363, 2587, 1192, 2298, 1843, 1314]. **Small-Scale** [1076, 1843]. **Smallmouth** [2486, 1609, 2408]. **Smeaton** [1035]. **Smelt** [2046, 847, 1415, 1602, 1416, 1288]. **Smelter** [203]. **Smoking** [647, 643]. **Smolt** [177, 1584, 1037, 446, 1838, 971, 1316, 1992, 1565, 437, 2226, 2449, 1611]. **Smolt-to-Adult** [437, 2226]. **Smoltification** [2368]. **Smolting** [177, 1107, 1317, 2405, 890]. **Smolts** [1973, 2248, 2530, 2491, 2265, 1322, 1845, 1483, 644, 102, 2584]. **Snail** [2566]. **Snapper** [2358]. **Snow** [1953, 929, 1716, 1310, 2335, 2062, 1991, 1267]. **Snowcover** [1491]. **Snowmelt** [2010, 1052, 2338, 2562]. **Snowpack** [2042]. **Soak** [2555]. **Socio** [2520]. **Socioeconomic** [1199]. **Sockeye** [2162, 151, 26, 1825, 2249, 861, 342, 1723, 2004, 609, 1458, 2371, 2194, 1625, 560, 159, 1560, 2431, 1287, 2195, 1705, 600, 1023, 675, 926, 1812, 1944, 644, 1238, 1239, 1446, 1536, 2058, 2349, 2039, 1903, 193, 702, 2612, 2516, 1960]. **Sodium** [2234, 2281, 2279]. **Soft** [2253, 336, 822, 1464, 145, 1580, 53, 1414, 2348, 442]. **Soft-Bottom** [145]. **Soft-Shell** [336]. **Soft-Water** [53]. **Softwater** [1021, 1469]. **Sol** [353]. **solar** [818]. **Sole** [1226, 2339, 786, 1823, 2048, 1481]. **Solids** [1806, 768]. **Soluble** [13, 2327, 1104, 2145, 1841, 478]. **solubles** [478]. **Solution** [458, 721, 912]. **Solutions** [2514]. **Solvents** [1385]. **Solving** [1161, 546]. **Somatic** [983, 2271, 2366, 2479]. **Somatotropin** [2375]. **Some** [146, 2415, 370, 1787, 650, 2125, 613, 1739, 1247, 1529, 2301, 107, 1218, 1705, 182, 386, 2539, 298, 2611, 1156, 1145, 1728, 259, 817, 164, 818, 1622, 1283, 1023, 1140, 237]. **Sonar** [2066, 1916]. **Sorbitol** [353, 21]. **Sound** [1953, 814, 2618, 1371, 1607, 2339, 471, 2511, 1431, 1260, 1887, 176]. **Sounder**

[2238, 87, 554]. **Sounds** [1156]. **Source** [2507, 845, 945, 1613, 1803, 1678, 98, 1704, 335]. **Sources** [923, 1221, 182, 531, 85, 1872, 1013]. **Souris** [2487]. **sous** [2306]. **South** [690, 433, 1775, 1447, 2166, 1760, 1774, 2460, 961]. **South-Central** [2460, 961]. **Southeast** [2572, 2564, 1035, 1560, 537, 2528, 2612]. **Southeastern** [2129, 142, 444, 1954, 1667]. **Southern** [1098, 840, 1305, 1431, 1286, 1093, 1096, 2582, 1811, 2184, 1092, 829, 2318, 1097, 1986, 78, 332, 339, 1086, 1100, 1088, 1087, 2373, 2343, 287, 763, 1881, 1085, 1084, 1090, 1727, 1651, 122, 1094, 2150, 564, 1657, 1099, 1321, 1917, 1091]. **Southshore** [2084]. **Southward** [320]. **Southwest** [1279, 2515, 563]. **Southwestern** [1276, 1770, 2430, 1267, 1317, 1229, 1526, 2427]. **Soya** [2595]. **Soybean** [950]. **sp** [892]. **Space** [900, 1822, 1259, 2310, 1420]. **Space-** [2310]. **Spacing** [1717, 2000]. **Spatial** [2529, 2509, 1730, 2147, 117, 2246, 2550, 1595, 1636, 191, 2565, 2086, 2478, 1138, 1637, 1374, 2240]. **Spatially** [1980]. **spatio** [677]. **spatio-temporal** [677]. **spatio-temporelle** [677]. **Spawn** [1958, 706, 1472]. **Spawning** [1271, 1680, 2370, 510, 1335, 2572, 2524, 1974, 2454, 394, 1052, 772, 1822, 2193, 2291, 2373, 1476, 20, 740, 786, 705, 1210, 2609, 221, 1195, 503, 211, 1000, 1489, 1983, 2477, 1579, 227, 1416, 2532, 1874, 2438, 1139, 590, 2039, 19, 1782, 2576, 1923]. **Spawnings** [339]. **Special** [1671, 1557, 2552, 2059, 1726, 487, 1622, 221, 1094, 42, 43]. **Specialist** [1633]. **Specialized** [1906]. **Speciation** [1529, 2621, 766, 2168]. **Species** [2486, 1871, 625, 1093, 156, 2055, 2127, 985, 1263, 708, 1573, 1331, 70, 2506, 622, 878, 752, 2615, 1624, 1889, 836, 1693, 2214, 2316, 763, 634, 1867, 2565, 1122, 1512, 2295, 2209, 1555, 1931, 2406, 2455, 207, 755, 1515, 2164, 340, 2600, 1827, 965, 972, 736, 308, 1024, 1933, 513, 498, 2298, 1325, 939, 1596, 804, 2207, 1626, 2152, 1582, 472, 714]. **Specific** [1734, 2580, 1008, 431, 850, 1908, 1465]. **Specificity** [2570]. **Specimens** [208]. **Speckled** [725]. **Spectra** [1724]. **Spectral** [2215]. **Spectroscopy** [2433]. **Spectrum** [2051]. **Speed** [1436, 77, 1698, 2213, 1860]. **Speeds** [187, 141]. **Sperm** [283, 2296]. **Spermatogenesis** [532, 1834]. **Sphaerium** [854]. **Spherical** [2052]. **spicatum** [1408]. **Spider** [2442]. **Spill** [2022, 928]. **Spine** [1471]. **Spiny** [1471, 1775, 1777, 1760, 1762, 1774, 1766, 2435, 1765]. **Spiralling** [400]. **Spisula** [444]. **Spore** [266, 1564]. **Spores** [132, 647]. **Sport** [2299]. **Sports** [1531]. **Spot** [942]. **spotted** [2035]. **spp** [1146, 1954, 1429, 1938, 2152]. **Spring** [1271, 1470, 1043, 2010, 2323, 1052, 2338, 1700, 2373, 740, 1946, 1900, 1280, 1044, 2477, 1491, 111, 1145, 1696, 1923, 1611]. **Spring-** [2373, 2477]. **Spring-Spawning** [1923]. **Springwater** [2258, 2056]. **Spurious** [2467, 2614]. **Squalus** [1471]. **Squamish** [1463]. **Squares** [327, 2453, 164]. **Squawfish** [2155, 333]. **Squid** [1296, 1966, 35, 605]. **squinado** [2442]. **St** [441, 2184, 1267, 376, 127, 780, 1767, 2196, 2609, 1318, 1890, 1441, 2235, 323, 1321, 319]. **St.** [74, 672, 1620, 2360, 1416, 1288]. **Stability** [1229, 2318, 183]. **Stable** [2403, 2575, 1461, 2299, 945, 279, 439, 769]. **Stackhouse** [2184, 2185]. **Stage** [1950, 2287, 2492, 1564, 386, 941, 697, 919]. **Stages** [476, 762, 388, 2506, 343, 2616, 2615, 2477, 2093]. **Stain** [904]. **Staining**

[1844]. **Stamina** [872]. **Standard** [692]. **Standardization** [1806].  
**Standardized** [99]. **Standardizing** [2555]. **Standing**  
[1445, 1480, 1410, 1952, 840]. **Standpipe** [2411]. **Starry** [650, 783, 594].  
**Starvation** [221, 1872, 1644, 1609]. **State** [963, 2126, 951, 853, 478]. **States**  
[2129, 887, 506]. **Stations** [1041, 2084]. **Statistic** [2210]. **Statistical**  
[681, 2000, 1329, 96, 601, 121, 2209, 2049, 2505, 1424, 1183, 1593, 1653, 608].  
**Statistically** [439]. **Stalolith** [1296]. **Staloliths** [1590]. **Status**  
[2482, 1306, 2070, 1544, 1551, 1600, 1414, 1434, 1284, 415, 1628, 2278, 883].  
**Ste** [187, 2479]. **Steel** [1944]. **Steelhead** [1459, 1260, 1689, 1853, 1195, 1675,  
2143, 1190, 2011, 2361, 1067, 2226, 2584, 319, 389]. **Steppass** [1825].  
**stellatus** [650, 783, 594]. **stenolepis** [1143, 1424]. **Sterility** [252].  
**Sterilization** [458]. **Sterilized** [2266]. **Steroid** [529]. **Steroids** [531].  
**Stickleback** [2142, 1807, 2043]. **Sticklebacks** [2400, 1162]. **stigmatura**  
[894, 838]. **Stikine** [1458]. **Still** [84]. **Stimulation** [89, 1544]. **Stizostedion**  
[2328, 2169, 514, 2552, 2521, 139, 1988, 1575, 1909, 711, 2420, 2, 1261, 2608].  
**Stochastic** [1004, 2220, 1513, 1418, 824, 1941]. **Stochasticity** [2301]. **Stock**  
[495, 491, 2156, 2162, 1789, 1305, 1431, 2026, 480, 2247, 486, 336, 1161, 1787,  
2110, 724, 490, 609, 998, 1029, 2358, 1758, 393, 1798, 1974, 1063, 1868, 1878,  
1721, 501, 1338, 1476, 1980, 487, 444, 516, 105, 1191, 1410, 721, 1178, 1500,  
1952, 740, 1821, 485, 387, 2614, 261, 2616, 2526, 380, 521, 2165, 1265, 500,  
1065, 1888, 1455, 585, 1516, 785, 2143, 2289, 1594, 2602, 496, 1278, 1583, 517,  
1804, 1359, 378, 523, 2349, 379, 129, 1514, 1982, 1370, 1922, 2613, 1960, 1307,  
1862, 2612, 479]. **Stock-Isolating** [487]. **Stock-Recruit** [2156].  
**Stock-Recruitment** [1787, 724]. **Stocked** [1985, 640, 2389, 1280, 363, 2334].  
**Stocking** [108, 877, 1853, 2380, 255]. **Stocks**  
[1882, 872, 483, 603, 509, 978, 511, 514, 2274, 1458, 507, 159, 1721, 780, 1369,  
1915, 518, 512, 2216, 878, 190, 699, 1228, 1821, 2616, 488, 828, 521, 262, 345,  
1705, 506, 1932, 8, 493, 497, 921, 1123, 2354, 831, 452, 494, 513, 1374, 2612].  
**STOCS** [480]. **Stomach** [1173, 1722]. **Stone** [1750]. **Stone-dwelling** [1750].  
**Stonefly** [1698, 2551, 1727]. **Stony** [837]. **Storage** [2170, 188, 1463, 2160].  
**Stored** [1129, 995]. **Stores** [2250]. **Strain** [268]. **Strains**  
[502, 2463, 1708, 1815, 504]. **Strait** [893, 1566, 879, 867, 1604, 14, 1882, 1399,  
882, 772, 883, 881, 884, 880, 1387, 2257, 1472, 840, 949, 885]. **Strait/Foxe**  
[1566]. **Strategies**  
[1462, 1898, 34, 2198, 1622, 1210, 2301, 828, 1633, 748, 1551, 1982]. **Strategy**  
[712, 520]. **Stratification** [65, 1453, 2090, 2071]. **Stratified**  
[1976, 60, 179, 1702, 1352, 1231]. **Stratigraphy** [1671]. **Straying** [1142].  
**Stream** [310, 1274, 2333, 725, 1332, 1661, 573, 82, 1197, 934, 1744, 1224, 719,  
450, 2318, 1850, 986, 2323, 2170, 332, 1150, 2018, 692, 606, 687, 2230, 2302,  
2056, 2151, 2530, 348, 955, 1484, 2343, 1126, 982, 1361, 742, 1376, 1437, 1731,  
904, 950, 112, 2379, 125, 1587, 1964, 1658, 455, 655, 1363, 1728, 15, 972, 1121,  
2150, 2587, 2531, 1569, 2119, 1826, 1704, 2240, 1454, 1930, 2245, 1351, 2066].  
**Stream-Dwelling** [1454]. **Stream-Resident** [1930]. **Stream-Type**  
[1569, 2119]. **Streambeds** [837]. **Streamflow** [2579, 352]. **Streams**

[196, 1985, 1260, 2262, 1396, 2524, 2326, 2325, 2144, 295, 2351, 1883, 78, 1212, 2192, 887, 2457, 1297, 1221, 1283, 1148, 1053, 1394, 227, 2315, 1808, 304, 1692, 140, 400, 1805, 1942, 2334, 1740, 2114, 2115, 2489, 1646, 2181, 46, 2016, 944, 2493, 2528, 1219, 2113, 1403]. **Streamside** [926]. **Streamwater** [2562, 1577]. **Strength** [952, 1159, 2223, 1157, 1111, 1679, 369, 629]. **Strengths** [2037]. **Stress** [1205, 1337, 2304, 1605, 1863, 997, 448, 2536, 2095, 1465, 1735, 102, 1627, 599, 1482, 1628, 2279, 2280]. **Stress-Related** [1205]. **Stressed** [2234, 289, 54, 1018, 2233, 2227]. **Stressors** [2380]. **Strike** [1032]. **Striped** [1004, 388, 1184, 1172, 2366, 19]. **Strips** [752, 1692, 140]. **Strongly** [179]. **Strongylocentrotus** [980, 1244, 25, 466]. **Strontium** [1296, 948, 1997, 714]. **Structural** [1329, 2455, 1121]. **Structure** [2376, 489, 1205, 2535, 505, 1887, 2593, 1796, 1839, 1741, 393, 2092, 1631, 1119, 142, 911, 2622, 1648, 1721, 473, 2246, 819, 470, 105, 975, 568, 1053, 345, 642, 2617, 2289, 2135, 1144, 1896, 2602, 718, 959, 2579, 2185, 1623, 475, 1583, 655, 172, 831, 2101, 2016, 2587, 2034, 2566, 292, 2546, 2298, 849, 81, 589, 899]. **Structured** [1788, 1004, 34, 1467, 1513, 828, 1378, 1928, 2444, 2445, 824, 1514, 1891, 893]. **Structuring** [678, 2363]. **Students** [541]. **Studied** [470]. **Studies** [1681, 1833, 55, 956, 580, 1552, 469, 2553, 1191, 1863, 2007, 2070, 852, 96, 1925, 711, 1613, 718, 305, 1515, 73, 274, 131, 1827, 1769, 2233, 2252, 1824]. **Study** [947, 623, 1439, 2274, 1542, 393, 816, 1648, 2139, 2040, 888, 53, 440, 1549, 109, 448, 875, 1455, 2143, 2322, 2197, 111, 2534, 2173, 1626]. **Studying** [1976]. **Stunted** [1574]. **Sturgeon** [1411, 2204, 1]. **Style** [996]. **Subadult** [1294]. **Subalpine** [1719, 420, 98]. **Subarctic** [1703, 1248, 2221, 1911, 965, 1600, 899]. **subarctique** [899]. **Subareas** [308]. **Subcellular** [2074, 642]. **Subchronic** [2322]. **Subice** [2158]. **Subitaneous** [204]. **Subject** [1512, 1133]. **Subjected** [108, 1528, 2527]. **Sublethal** [2253, 1179, 2125, 2183, 710, 846, 2599, 1537]. **Sublethally** [1030]. **Submarine** [2310]. **Submerged** [2032, 1905, 2116, 122]. **Submersed** [1408, 1336, 2021, 1889]. **Submersible** [852]. **Subsampling** [663]. **Subsequent** [1503, 1947, 1644]. **Substocks** [1133]. **substrat** [899]. **Substrata** [1166]. **Substrate** [620, 477, 1509, 934, 1698, 2302, 470, 781, 943, 858, 648, 1727, 2527]. **Substrates** [880, 950, 1587, 1034]. **Substratum** [1166, 1892]. **Subtidal** [980]. **Subtropical** [1993, 1219]. **Subyearling** [1523]. **Success** [2437, 1856, 897, 2286, 1816, 655, 2460, 2039, 19]. **Successes** [1006]. **Succession** [332, 1209, 1343, 2084, 899]. **Successive** [1484]. **Sucker** [693, 1849, 203, 2250, 2536, 1936]. **Suckers** [1601, 775, 2410, 1136]. **Suction** [2469, 2158]. **sud** [1267]. **sud-ouest** [1267]. **Sudbury** [2256, 2563, 2025, 275, 834]. **Sufficient** [1687]. **Suggestion** [1664]. **Suitability** [819, 1473]. **Suitable** [1192, 2017]. **suite** [1862]. **Sulfate** [2078, 2077, 2596, 162]. **Sulfide** [1049]. **Sulfite** [1354]. **Sulfonamide** [770]. **Sulfoxide** [95, 1203]. **Sulfur** [856]. **Sulphate** [1363]. **Summary** [1797, 1799, 1796, 1795, 1798, 1794, 1793, 1792]. **Summer**

[65, 1546, 75, 1675, 1450, 2315, 1832, 183, 867, 1072, 1145, 2071, 1696].  
**Sunfish** [779, 180, 2094, 2523, 954]. **superba** [875]. **Superior** [515, 248, 508, 1530, 507, 246, 227, 315, 1647, 1544, 2005, 247, 229, 602, 222, 2042, 267, 513].  
**Supersaturation** [1715, 2171, 1280]. **Supplementation** [1268]. **Supplies** [1892]. **Supply** [1687, 586, 2224]. **Support** [1306, 289, 2091, 1324].  
**Suppression** [1011]. **Surf** [444]. **Surface** [269, 2147, 1880, 2357, 2190, 289, 1978, 1124, 966, 564, 936, 1908]. **Surfaces** [875]. **Surficial** [1566, 1931]. **Surplus** [114]. **Survey** [2026, 1723, 508, 422, 2289, 831]. **Surveys** [2483, 1472, 554]. **Survival** [1776, 1990, 1451, 2521, 314, 919, 502, 1097, 2131, 2389, 197, 1052, 2338, 101, 1853, 1845, 1344, 1283, 503, 2251, 874, 50, 1667, 365, 2508, 68, 2420, 2283, 2465, 1565, 2266, 718, 1381, 1735, 1586, 988, 2445, 1694, 2438, 1067, 1535, 1324, 102, 1815, 2039, 2533, 817, 757, 2226, 2584, 138]. **SUS** [261].  
**Susceptibility** [973, 1709, 1031, 1184, 736]. **Suspended** [1422, 558, 477, 746, 1986, 1747, 1011]. **Suspension** [2221]. **Sustain** [1687].  
**Sustainable** [664]. **Sustained** [2182, 2232, 1208]. **SW** [776]. **Sweden** [2312, 238]. **Swedish** [2229, 1813]. **Swimbladder** [894, 838, 2100, 2600].  
**Swimbladdered** [2600]. **Swimming** [2401, 1436, 872, 187, 1768, 621, 2100, 200, 1312, 1078, 605, 1208, 2384, 1496, 141, 1860]. **Switches** [2512].  
**Symmetric** [1914]. **Sympatric** [719, 1732, 1346, 2246, 1195, 318, 2595, 1626].  
**Symposium** [264, 480, 205, 479, 206, 879, 1540, 1554, 263]. **Synchrony** [2581]. **Syndrome** [1900]. **Synopsis** [1554]. **Synoptic** [2066]. **synthèse** [1307]. **Synthesis** [2077, 1294, 780, 1765, 748, 1010, 263]. **Synthetic** [1529].  
**System** [1912, 2303, 2065, 2575, 1839, 690, 820, 1461, 1382, 538, 1734, 1410, 2091, 1838, 1528, 1468, 2621, 2475, 738, 1753, 1010, 1011, 1014, 1012, 1013, 2017].  
**Systematics** [1289]. **Systemic** [350]. **Systems** [2303, 1886, 1529, 378, 750].

**Table** [356, 1183]. **tacons** [1125]. **Tactics** [1032]. **Tadenac** [773]. **Tadpoles** [1439]. **Tag** [434, 1362, 2525, 713, 2172, 2159]. **Tagged** [946, 1276, 1771, 2582].  
**Tagging** [2206, 825, 1952, 12, 1026]. **Tags** [2162, 1180, 1933]. **Tailings** [1136].  
**Taking** [2066]. **Taku** [2564]. **Tallow** [335]. **tamarensis** [902]. **Tangential** [2476]. **Tanks** [1535]. **Tanner** [1954, 308]. **Tannins** [2493]. **Tantaré** [1119].  
**Tanypodinae** [1093]. **Target** [2037]. **Tasersuaq** [1623]. **Task** [260, 261, 262]. **Taupo** [1193]. **Taurine** [2033]. **Taurocholate** [1919].  
**Taxocenes** [1053]. **Taxonomic** [1302]. **Taxonomy** [838, 2602]. **Technical** [1152]. **Technique** [1349, 284, 132, 387, 709, 1166, 837, 192, 2237].  
**Techniques** [1723, 807, 633, 174, 2057, 1858, 776, 1598, 38]. **Technological** [1122]. **Technologically** [459]. **Technology** [2463]. **Teknar(R)** [1709].  
**Telemetry** [1312]. **Teleost** [532, 527, 1733, 531, 1679, 1032, 1596]. **Teleosts** [642, 530, 1130, 525]. **Temiskaming** [1582]. **Temperate** [1277, 1319, 896, 1185, 800, 1450, 1053, 1220, 965, 1473, 2224, 1215].  
**Temperature** [678, 2370, 2019, 2473, 1466, 1436, 151, 2122, 573, 2428, 542, 1563, 2078, 1372, 2228, 1806, 733, 544, 1447, 289, 2448, 1902, 1322, 1365, 786,

1435, 96, 601, 296, 1708, 1890, 2271, 468, 1565, 853, 594, 225, 2011, 2030, 965, 966, 707, 1504, 1995, 292, 939, 1176, 2207, 720, 389].

**Temperature-Dependent** [296]. **Temperature-Induced** [289].

**Temperature-Mediated** [678, 2428]. **Temperature-Sensitive** [1563].

**Temperatures** [26, 115, 1060, 2151, 2530, 446, 445, 715, 710, 787, 1002, 2090, 2235, 2236, 2591, 570, 1728, 757, 2113]. **Temporal** [2529, 2247, 357, 2509, 394, 117, 473, 2550, 1595, 2565, 2478, 677].

**Temporary** [1852]. **temporelle** [677]. **Temps** [1327]. **teneur** [714]. **Tenny** [1801]. **Tension** [156]. **Teratogenesis** [282]. **Terebellidae** [3]. **Term** [2253, 872, 2303, 2397, 2050, 1217, 2484, 2386, 1202, 2392, 1939, 1624, 2251, 2283, 2284, 1881, 1802, 149, 1556, 2285, 2598, 1456, 1422, 365, 452]. **terme** [2225]. **Terminal** [1716, 864]. **Terrestrial** [2419]. **Territorial** [1422].

**Territories** [1399]. **Territory** [318, 1600, 281]. **Tertiary** [1631]. **tertiolecta** [359]. **Test** [1717, 2303, 92, 2321, 822, 1875, 752, 975, 2251, 2365]. **Testing** [2006, 147, 1023, 2062, 1944]. **Testosterone** [1977]. **Tests** [2351, 692, 1812].

**Tetra** [1201]. **Tetra-Chloroguaiacol** [1201]. **Tetra-Chloroveratrole** [1201]. **Tetrahymena** [751]. **Tetrodotoxin** [2344]. **TFM** [628]. **Th** [2442, 1865]. **Th/** [2442]. **Thalassoma** [1652]. **Their** [623, 1882, 533, 650, 1154, 2456, 2127, 682, 1687, 1076, 1974, 127, 2098, 1913, 395, 2412, 819, 1598, 291, 2214, 763, 456, 68, 2128, 304, 703, 1201, 798, 671, 1432, 2602, 1364, 416, 87, 1151, 1869, 1196, 1391, 1241, 2513, 2568, 714, 2596, 2246, 261, 2314].

**Theoretical** [1787, 876, 2493]. **Theory** [680, 2194, 272, 1073, 1500, 260, 1660, 1265, 1376, 1303, 1139]. **Theragra** [623, 2059, 142, 188, 2416]. **Therapy** [770]. **There** [7]. **Thermal** [201, 2127, 375, 662, 347, 1087, 982, 123, 183, 2090, 570, 2212, 834, 2089].

**Thermally** [2014, 1702, 1919]. **Thermocline** [662]. **Thermodynamic** [367].

**Thermogravimetric** [2089]. **thermophila** [751]. **Thermoregulation** [2014]. **Thermoregulatory** [597]. **these** [1679]. **Thickness** [702]. **Thin** [1904]. **Thin-Layer** [1904]. **Thingvallavatn** [2273]. **Thinning** [1612].

**Thiourea** [457]. **Third** [2492]. **Third-Stage** [2492]. **Thirteen** [2486].

**thomasi** [1548]. **Thompson** [1860]. **Three** [1871, 1254, 156, 978, 1141, 2325, 2174, 1155, 2147, 856, 2410, 236, 2616, 1624, 1040, 211, 2380, 1655, 858, 1727, 2181, 924, 48, 565, 1138, 757, 1325, 2610, 1982].

**Three-Dimensional** [1155, 1727]. **Threespine** [2400, 2142, 1807, 2043].

**Threshold** [1596]. **Throughout** [1444]. **Thunberg** [2306]. **Thunnus** [2461, 1440, 1722, 1364]. **thuringiensis** [1709, 2577]. **Thymallus** [2112, 1897, 588]. **thynnus** [1364]. **Thyroid** [2616, 2615, 1992, 2368].

**Thyroidal** [1020, 1589]. **Thysanoessa** [1248]. **Tidal** [2050, 1511, 1371, 2619, 1416, 867, 942, 1801]. **Tidally** [2619, 2620]. **Tide** [1001, 679]. **Tiger** [2174]. **tiglium** [1978]. **tigrinum** [2174]. **Tilapia** [1230, 2173]. **Time** [1308, 2474, 583, 2065, 2110, 128, 2228, 2434, 1485, 2614, 2310, 1420, 1921, 1173, 2095, 916, 328, 2090, 1282, 1802, 546, 1006, 1869, 595, 2581, 1264, 1514, 1327].

**Time-Invariant** [1514]. **Time-Saving** [2065]. **Time-Scale** [2310].



**Time-Series** [1308, 1869, 595]. **Timed** [2508]. **Times** [1335, 2140, 314, 1089, 1282, 2555, 587]. **Timing** [510, 2559, 653, 2193, 2431, 2530, 2491, 1322, 941, 864, 1139]. **Tin** [1835, 589, 1211]. **Tissue** [1990, 2433, 2088, 550, 478]. **Tissues** [414, 13, 2134, 1196, 1828]. **tissulaire** [478]. **Titration**s [1510]. **Tobin** [2227]. **Tofino** [2556]. **Tolerable** [686]. **Tolerance** [2304, 775, 1950, 2431, 2402, 1992]. **tomcod** [1008]. **Tool** [2222]. **Top** [2135]. **Top-down** [2135]. **Topographical** [2212]. **Torrent** [477]. **Total** [619, 344, 722, 2192, 1112, 2145, 768, 1054, 1975, 1864]. **Towing** [77]. **Tows** [1620]. **Toxaphene** [999]. **Toxic** [2320, 386, 1414, 1482, 679]. **Toxicant** [767]. **Toxicants** [1030, 1329]. **Toxicities** [1689]. **Toxicity** [1497, 2013, 2356, 1179, 405, 1372, 388, 692, 1464, 22, 1849, 1580, 27, 715, 710, 1978, 1688, 1532, 1230, 2322, 1127, 2168, 1899, 340, 1386, 149, 1400, 1957, 902, 419, 849, 2167, 589]. **toxicodynamics** [1749]. **toxicodynamique** [1749]. **Toxicological** [798]. **Toxicology** [157]. **Toxin** [2507, 2589]. **Toxins** [271, 2344]. **Trace** [2386, 2358, 2412, 1580, 53, 1819, 1510, 1035, 1196]. **Tracer** [1019, 2007]. **Tracers** [1461]. **Trachylina** [200]. **Tracings** [1905]. **Track** [57]. **Tracking** [558, 2417, 1962]. **Tract** [2155, 2596, 1291]. **Trade** [833]. **Trade-offs** [833]. **Training** [2012]. **Traits** [2247]. **Trajectories** [957]. **Transaminase** [21]. **Transducer** [1916]. **Transects** [2605]. **Transfaunations** [947]. **Transfer** [1912, 2328, 983, 278, 2133, 9, 299, 1940, 2495]. **Transferred** [271]. **Transferrin** [1637]. **Transformation** [1584, 1037, 1999, 446, 1838, 1992, 1611]. **Transformations** [2056, 2079, 1045]. **Transient** [2153]. **Transit** [1237]. **Transition** [156, 919, 398, 1072, 111]. **Translation** [1668]. **Transmission** [1703, 2433, 2083, 363, 2270]. **Transmitters** [1312]. **transmontanus** [1411]. **Transparency** [2180, 834]. **Transplant** [1567]. **Transport** [108, 869, 985, 1610, 1920, 676, 932, 1323, 20, 2281, 2176, 1045, 1510, 2541, 2478, 1237, 1035, 1718, 1339, 1176, 1649]. **Transportable** [2017]. **Transportation** [102]. **Trap** [1620, 2330, 2180]. **Trapability** [964]. **Trapnet** [1380]. **Traps** [584, 2213, 2558, 2561, 122, 2555]. **Trawl** [2465, 1024, 804]. **Trawlers** [1448]. **Trays** [669]. **Treated** [32, 2394, 2387, 2317]. **Treatment** [2397, 1224, 2386, 2392, 2393]. **Treatments** [628, 226]. **Trend** [604]. **Trends** [1202, 1595, 2614, 1921, 2049, 1568, 368, 1556]. **très** [543]. **Tri** [2459, 1082, 1201, 1965]. **Tri-** [1082, 1201, 1965]. **Tri-N-Butyltin** [2459]. **Triactinomyxon** [1564]. **Triacylglycerol** [2586]. **Trials** [1694]. **Tributaries** [1852, 1746, 630, 329, 229]. **Tributary** [1822, 1416, 1577, 2531]. **Tricaine** [615]. **Trichoptera** [1218]. **tridentata** [2407, 2097, 1048, 1874]. **tridentate** [232]. **Triphosphatase** [389, 550]. **Triphosphate** [826]. **triplicata** [1047]. **Triploid** [1187, 1128]. **Triploidy** [988, 2384]. **Tritiated** [69]. **Trophic** [923, 2482, 963, 2126, 951, 278, 1461, 976, 722, 1734, 2195, 1807, 2043, 1697, 959, 2259, 655, 1600, 1434, 1284, 415, 2502]. **Trophic-Dynamics** [923]. **trophiques** [2502]. **Trophy** [1855]. **Tropical** [1185, 2493, 2557]. **Troughs** [32]. **Trout**

[1459, 646, 1668, 2107, 310, 1186, 2254, 2253, 108, 1337, 2401, 2104, 2276, 2255, 510, 987, 1165, 2277, 13, 1340, 509, 1020, 1589, 413, 1260, 1887, 1521, 551, 726, 1894, 2372, 1744, 2356, 1689, 2596, 2440, 133, 508, 405, 1372, 2125, 1719, 1574, 457, 1306, 2396, 450, 116, 730, 1614, 2551, 1709, 502, 1119, 1160, 2234, 640, 1222, 1223, 2219, 2389, 2299, 507, 1984, 2337, 197, 1052, 1987, 897, 795, 1268, 1847, 1822, 1746, 2230, 2302, 1346, 2246, 686, 981, 765, 1645, 22, 30, 1354, 1341, 2012, 1259, 1853, 160, 2216, 955, 289, 374, 567, 2448, 1493, 1919, 282, 240, 186].

**Trout**

[715, 710, 2171, 2607, 2359, 1688, 1829, 1830, 246, 1505, 1195, 1675, 1499, 2263, 503, 773, 2060, 2362, 520, 2044, 1280, 1316, 2281, 2617, 1708, 2408, 1528, 1312, 2342, 99, 813, 363, 245, 2315, 948, 2283, 2284, 1944, 2143, 1494, 2379, 467, 913, 451, 331, 1532, 1190, 410, 181, 1234, 2334, 2324, 2489, 247, 2168, 2011, 2120, 738, 462, 862, 1235, 1523, 340, 1057, 8, 2391, 2395, 1067, 1213, 1751, 2035, 2447, 1414, 2096, 2348, 844, 248, 553, 1815, 1537, 1754, 1893, 2233, 1947, 2243, 419, 2285, 2546, 1241, 1588, 2282, 255, 2226, 2584, 504, 244, 319, 390, 1454].

**Trout** [751, 647, 2278, 2279, 2280, 2570, 257, 21, 265, 1749, 1624, 318].

**Trouts** [736]. **True** [2421]. **Truite** [265, 1749]. **truncatus**

[1275, 927, 90, 928, 1304, 1627]. **trutta** [364, 1744, 450, 1614, 640, 1822, 2230, 2302, 567, 2448, 2379, 2489, 8, 2035, 2243, 1241]. **Trypanosome** [190].

**Trypsin** [1708]. **Trypsinization** [266]. **tshawytscha**

[2258, 1335, 1141, 1699, 1844, 796, 76, 1910, 1721, 2494, 1073, 733, 544, 1961, 1900, 1674, 2251, 2347, 703, 1360, 1142, 1282, 1569, 2119, 1970, 1611].

**Tubercles** [1325]. **Tubificid** [82, 943, 2382]. **Tumors** [783, 1969]. **Tumours** [2342]. **Tuna** [2461, 2355, 1952, 1722, 1364]. **Tundra** [2575, 1677, 1658].

**Tuning** [2472]. **Turbidity** [2264, 1582]. **Turbidostat** [1342]. **Turbine** [1845].

**turf** [1379]. **Turkey** [1595]. **Turnover** [968, 2012, 2208, 1952, 1089, 916, 587].

**Tursiops** [1275, 927, 90, 928, 1304, 1627]. **Twilight** [473]. **Two**

[2129, 1871, 1948, 2182, 1703, 872, 1093, 168, 1037, 1335, 633, 1260, 985, 1918, 2563, 2396, 1659, 2392, 288, 1732, 1281, 1672, 2264, 704, 1945, 1598, 1886, 2601, 180, 62, 503, 1774, 1708, 889, 2296, 1808, 1487, 1041, 2210, 571, 331, 637, 329, 1117, 1816, 1163, 2391, 2395, 280, 308, 2388, 1725, 1151, 1815, 1933, 2173, 2549, 2227, 1626, 2427]. **Two-Coloured** [1945]. **Two-Sea-Winter**

[1163]. **Type** [2414, 2068, 339, 2431, 1645, 121, 1706, 1632, 651, 1569, 2119].

**Types** [2036, 1141, 2427]. **Typologies** [961]. **tyrannus** [1418].

**U** [1865]. **U.S.** [495, 498]. **Ultrasonic** [558]. **Ultrasound** [1409].

**Ultrastructure** [1953, 1381]. **Umbra** [1524]. **Unavailable** [2525].

**Unbiased** [1243]. **Uncertain** [1271]. **Uncertainties** [794]. **Uncertainty**

[994, 380, 1039, 2143, 298, 416]. **Unconventional** [116]. **Uncoupling**

[490, 2271]. **undatum** [2330]. **Undersize** [1776]. **Underwater**

[1399, 2215, 591, 1156]. **Underyearling** [151, 26]. **Undisturbed** [1197, 1463].

**Unexploited** [336, 1719]. **Ungava** [1745, 840]. **Unidentified** [1110].

**Unifying** [2504]. **Unionid** [28, 815]. **Unionidae** [1567]. **Unit**

[1538, 637, 1424, 280]. **United** [2129, 887, 506]. **Units** [713]. **Univoltine**

[1154]. **Unknowns** [263]. **Unproductive** [2353]. **Unregulated** [1069]. **Unstable** [606]. **Unsupported** [1401]. **Unusually** [1606]. **Update** [12]. **Upon** [1168, 2172, 19, 603, 542, 794, 1101, 1435, 2189, 125]. **Upper** [2360, 211, 2263]. **Upstream** [2407, 2541]. **Upsurge** [722]. **Uptake** [89, 1508, 2554, 1226, 60, 1033, 557, 2409, 860, 2078, 1542, 1687, 1160, 63, 1939, 2378, 299, 1585, 1071, 622, 797, 777, 773, 50, 175, 429, 315, 1487, 1544, 2121, 1120, 1083, 410, 1234, 1193, 1103, 462, 862, 707, 1686, 406, 1543, 463, 1211]. **Upwelling** [2437, 2218, 728, 787, 786, 1565, 352, 2071, 2028, 1490]. **Uranium** [1865]. **Urchin** [980, 25, 466]. **Urchins** [819, 1501, 1244]. **Urea** [2378, 2134, 1803, 543]. **urée** [543]. **uricotéliques** [1810]. **Urine** [1222]. **ursinus** [2534, 2533, 774]. **USA** [2618, 2218, 497, 1826]. **Use** [2482, 489, 1128, 1357, 375, 1905, 847, 560, 986, 273, 395, 394, 469, 159, 1984, 1852, 1259, 2142, 1674, 852, 1506, 1489, 2548, 2128, 2536, 709, 1805, 1083, 718, 920, 1364, 184, 1503, 1400, 707, 308, 750, 767, 1477, 599, 1590, 335, 2415, 132]. **Used** [1409, 1709, 1191, 836, 1198, 312]. **Useful** [2308]. **Usefulness** [1492, 1733]. **User** [2040]. **Uses** [645]. **Using** [1308, 2162, 1654, 423, 918, 2161, 1699, 860, 1349, 760, 2077, 2052, 110, 893, 1063, 2194, 1857, 272, 2432, 1620, 614, 1607, 69, 1915, 1945, 1715, 776, 1940, 915, 57, 2260, 387, 1172, 35, 2143, 2209, 2605, 1578, 977, 184, 1802, 1916, 87, 149, 824, 2003, 1933, 1353, 1514, 751, 1864, 2411, 1426, 146, 2502, 2519, 2378, 2463, 752, 2526, 2477, 2581, 2612]. **Usque** [540]. **Utility** [1356, 2613]. **Utilization** [549, 1043, 1744, 1746, 544, 1645, 1693, 1963, 2315, 2564, 1432, 1553, 586]. **Utilizing** [823, 1868]. **UV** [896].

**V** [2069, 1014]. **V-Notching** [2069]. **Vaccine** [411]. **Vadimus** [540]. **Vaired** [304]. **Validation** [918, 1925, 1924]. **Validity** [1471, 2303, 1699]. **Valley** [1961]. **Valuation** [169]. **Value** [919, 2590, 2598]. **Values** [2329]. **Vancomycin** [134]. **Vancouver** [2491, 2511, 1929, 1930, 618, 1403]. **Vanda** [739]. **Vangsvatnet** [661, 712]. **Vapour** [2498]. **var** [1862, 2577, 902]. **var.** [1862]. **Varden** [1346, 2246, 1259, 2265]. **Vardnes** [2474]. **variabilis** [869, 1257, 1585]. **Variabilité** [1490, 1135]. **Variability** [2156, 2413, 2414, 2547, 1730, 1758, 147, 1229, 1380, 2530, 90, 440, 2472, 155, 210, 270, 182, 971, 1437, 1559, 1594, 2093, 2579, 1465, 1792, 31, 1285, 1324, 2039, 513, 2290, 1843, 1152, 1490, 1135]. **Variable** [398, 1981, 1369, 2330, 1173, 2483, 586, 548]. **Variables** [2126, 650, 2563, 2006, 560, 836, 2295, 1647, 496, 954]. **Variance** [440, 280, 554]. **Variances** [953, 2154]. **Variants** [159]. **Variation** [646, 2529, 869, 1257, 1286, 1851, 2535, 2169, 2247, 202, 901, 2055, 514, 1842, 508, 2146, 2148, 1950, 847, 2323, 2451, 142, 2494, 1073, 1729, 1247, 1752, 2273, 287, 1218, 1444, 979, 1656, 2094, 1190, 437, 1446, 98, 2361, 328, 329, 1008, 1326, 1885, 2101, 2035, 308, 1495, 1496, 2119, 2598, 2608, 1917, 669, 2411, 2013, 747]. **Variations** [1113, 1734, 2009, 654, 2235, 2236, 1123, 2354, 432, 1995]. **variegatum** [1249]. **Various** [1030, 762, 645, 1198, 736, 1754, 1588]. **Vary**

[1542]. **Varying** [1021, 1055, 2264, 2297, 2313, 2518, 2025, 1678, 1140]. **Vasa** [1681]. **Vegetation** [1971, 339, 2312]. **Velocity** [2522, 348, 1485, 806, 2548, 1613, 1646]. **VEN** [274, 1619]. **Vendace** [1702]. **Ventilation** [2282]. **Ventilatory** [750, 595]. **Verification** [1550]. **Verifying** [1296]. **Vermont** [1746]. **verreauxi** [1773]. **Versatile** [439]. **Version** [1846]. **versus** [2409, 2436, 2325, 1221, 2317, 1633, 1177, 1069, 406]. **Vertebrae** [785, 1364, 1960]. **Vertebral** [330, 1162, 2241]. **Vertebrate** [1632]. **Vertical** [1242, 1811, 1920, 631, 932, 1702, 1620, 1108, 433, 23, 2620, 2181, 1392, 1473, 2085, 2224, 1767]. **verticale** [1767]. **verticalis** [2019]. **Vertically** [1976, 1718]. **very** [543]. **vetuls** [1823]. **vetulus** [1226, 2339, 786, 2048, 1481]. **VI** [2411]. **via** [278]. **Vibrio** [1184, 752, 430]. **Vibriosis** [126]. **Vicinity** [1435]. **victoria** [2532]. **View** [209, 2066, 2135, 1736, 1010]. **Viewpoint** [491]. **villosus** [465]. **villosus** [94, 2572, 677, 1621, 1974, 314, 657, 621, 919, 1174, 995, 1209, 1157, 323]. **Viral** [1900, 107, 274, 1619]. **virens** [1682]. **Virginia** [640]. **virginica** [126, 2244, 874]. **viridans** [1862]. **virilis** [2468, 1382, 50]. **Virtual** [2102, 1961, 2614, 1800, 2154, 424]. **Virulence** [464, 1182]. **Virulent** [551]. **Virus** [1110, 2476, 115, 1009, 1031, 675, 1812, 1943, 1944, 411, 736, 553]. **Visual** [2192, 1346, 1477]. **Visually** [558]. **Vital** [904]. **Vitamin** [652, 1847, 160]. **Vitelline** [1679]. **Vitellogenesis** [873]. **Vitellogenesis** [2284]. **Vitellogenic** [1893]. **Vitellogenin** [1521]. **vitreum** [514, 2521, 139, 1988, 2, 2169, 514, 2552, 2521, 139, 1988, 1575, 1909, 2420, 2, 2608]. **Vitro** [2492, 274, 1668]. **vitulina** [1031]. **vivo** [2270]. **Vocalizations** [1399, 2296]. **voie** [2306]. **Volatilization** [428]. **volucellus** [868]. **Volume** [2403, 2238, 2190, 454, 2117, 1192]. **volutator** [614]. **VPA** [2514, 2614, 1800]. **Vulnerability** [454, 1872, 2314, 276, 2610, 1596]. **Vulnerable** [2560].

**W** [329]. **Wabigoon** [1010, 1011, 1014, 1012, 1013, 1678, 2621]. **Wabigoon/English** [2621]. **Walker** [2186]. **Walking** [324, 411]. **Wall** [1499]. **Walleye** [623, 2328, 2169, 514, 2552, 2059, 2521, 142, 139, 1988, 188, 1575, 2420, 2, 2416, 2608]. **Walleyes** [1909]. **Walrus** [334]. **Warm** [1050]. **Warmwater** [542, 1394, 135]. **Washington** [2618, 370, 814, 2218, 1605, 2339, 1675, 1823, 2048, 1142, 2361, 2349]. **Waste** [101]. **Wastewater** [1839]. **Watch** [520]. **Water** [2486, 2229, 2272, 620, 2253, 996, 2476, 1466, 11, 1340, 807, 1249, 1204, 542, 2097, 682, 1610, 2552, 628, 1372, 1129, 2485, 1768, 2357, 1229, 657, 1027, 618, 1222, 1052, 1464, 1607, 1447, 52, 69, 1580, 53, 2100, 75, 1322, 1283, 1688, 806, 84, 2087, 1926, 763, 1890, 1528, 1613, 858, 47, 331, 421, 1678, 2621, 635, 1054, 1892, 766, 2011, 735, 862, 1556, 966, 611, 1414, 2348, 1258, 1036, 1754, 406, 1543, 2350, 1215, 1314, 2545, 1908, 1864, 389, 543, 396, 135]. **Waterborne** [1372, 30, 1354, 462, 862, 2096, 1013]. **Waterfoorne** [688]. **Waters** [269, 623, 2108, 1134, 1976, 1033, 896, 511, 2409, 2430, 580, 1051, 2358, 2201, 507, 2506, 306, 277, 1112, 1566, 191, 852, 1081, 1823, 2048, 247, 1551, 1751, 564, 1956, 504, 1026, 83, 2152, 2509, 449]. **Watershed**

[1985, 1197, 2491, 47, 1491]. **Watersheds** [2357, 749, 46]. **Wave** [2021]. **Waves** [2576]. **Wawa** [1018]. **Weather** [1556]. **Weathervane** [1837]. **Webs** [983, 1158]. **Wedge** [300]. **Wedge-Wire** [300]. **Weight** [646, 1538, 1033, 128, 1419, 1609, 1185, 2421, 2186, 552, 2117, 1282, 1008, 83, 702, 1864]. **Weight-Specific** [1008]. **Weighted** [2238]. **Weights** [1218]. **Weir** [1673]. **Well** [1164]. **Well-Buffered** [1164]. **West** [2354, 625, 2108, 2010, 1852, 713, 799, 1081, 2354]. **West-Central** [2010]. **Western** [1776, 1764, 661, 712, 1763, 283, 1074, 1367, 1719, 2358, 2494, 742, 1911, 758, 2011, 323, 1448]. **Wet** [709, 1282]. **Wetland** [1491]. **Whale** [2592, 2539, 1745, 1368]. **Whales** [283, 1074, 2020, 2589, 284, 1517, 2296, 1081, 2450, 1368]. **Whatman** [2202]. **Whelk** [2330]. **Where** [260, 482]. **Which** [393, 2555]. **Whirling** [132, 422, 1564]. **White** [1601, 2592, 775, 693, 2410, 2494, 1411, 1849, 203, 1312, 2250, 2536, 1736, 1745, 2243, 1936, 369, 629, 1746]. **White-Fleshed** [2494]. **Whitefish** [1205, 1436, 1096, 511, 1097, 33, 933, 512, 105, 1266, 604, 1602, 239, 68, 1262, 654, 2095, 1695, 256, 243]. **Whiting** [824]. **Who** [481]. **Whole** [1409, 2468, 110, 822, 2234, 1268, 52, 70, 59, 2331, 913, 1510, 1330, 2393]. **Whole-Body** [2234]. **Whole-Lake** [2468, 70, 59, 2331, 1510, 1330, 2393]. **Whose** [1133]. **Wild** [1680, 502, 2491, 2265, 1675, 1674, 520, 363, 1805, 2334, 2058, 1870, 1503, 352, 1327]. **Willamette** [333]. **Wilson** [1035]. **Wind** [1233, 2201, 314, 1605, 2235, 2236, 1869, 2017]. **Wind-Aided** [2201]. **Wind-Exposed** [2017]. **Wind-Forced** [2235, 2236, 1869]. **Window** [2437]. **Windsor** [178]. **Windstorm** [46]. **Winter** [1277, 1948, 1399, 2055, 1744, 2341, 2346, 865, 1174, 1097, 572, 691, 2434, 1907, 1946, 1675, 1450, 617, 1435, 2548, 2322, 1441, 1727, 2090, 570, 1163, 1425, 1535, 1967, 1995, 1657, 29, 817, 430, 1314, 1315]. **Winterkill** [929, 2622, 1524]. **Wire** [300]. **Wisconsin** [2594, 1946, 1624, 2292, 755, 1515, 602]. **Witch** [603, 393]. **Within** [2568, 1509, 719, 347, 2291, 1656, 1386, 2247, 2323, 2056, 1679, 1727, 1463]. **Within-River** [2291]. **Without** [147, 140, 1692]. **Wolf** [2022]. **Wood** [1219]. **Woodland** [2056, 455]. **Woods** [2390]. **Woody** [2333, 1704]. **Work** [1279, 1046]. **Workers** [1728]. **Workshop** [1756]. **Worm** [36, 1993]. **Worms** [82, 1120]. **Wound** [1275, 2020]. **Wupaw** [1098].

**X** [592, 727]. **X-Cell** [727]. **X-ray** [592]. **xanthurus** [942]. **Xenobiotic** [2105, 2499].

#### **Year**

[128, 952, 1159, 1609, 2223, 2594, 1984, 1612, 1157, 2045, 2597, 29, 19, 369, 629]. **Year-Class** [128, 952, 1159, 2223, 1612, 1157, 19, 629, 369]. **Yearling** [446, 1947]. **Yearlings** [861, 567]. **Years** [2333, 2218, 73, 48]. **Yellow** [2376, 1249, 2068, 1449, 1506, 2317, 1077, 1884, 2464, 2292, 1962, 2, 1200, 2045, 2305, 2597, 570, 1392, 1231, 1696, 2479]. **Yellowfin** [1722]. **Yellowtail**

[1861]. **Yersinia** [641, 1109]. **Yield** [664, 398, 1721, 559, 1188, 1467, 1101, 1122, 2590, 891, 352, 1123, 769, 2270, 1669]. **Yield-per-Recruitment** [1122]. **Yields** [2127, 1467, 1163, 965]. **Yolk** [1850, 1379, 544, 1291]. **York** [656, 2010, 622, 2327, 2464, 2, 2390, 2395, 2388, 504]. **Young** [1882, 342, 2068, 2484, 1451, 2341, 1609, 1984, 22, 955, 1638, 1077, 1884, 2367, 331, 2045, 2597, 2366, 1162, 29]. **Young-of-the-Year** [1984, 2045, 2597, 29]. **Young-of-Year** [1609]. **Yukon** [318, 281, 1897, 1600].

**Zealand** [1773, 1822, 1193, 83, 587]. **zenithicus** [267]. **Zinc** [869, 1257, 1340, 1249, 1990, 1689, 775, 829, 1268, 1585, 2417, 1430, 922, 948, 2250, 290, 1414, 2096, 2348, 1956, 1718]. **Zn** [1103, 1899, 1136, 2167]. **Zoarcidae** [396]. **Zonation** [690]. **Zonations** [1364]. **Zone** [1277, 2056, 277, 638, 1094, 965]. **Zones** [1389]. **Zoobenthic** [1934, 2259]. **Zoobenthos** [950]. **Zoogeography** [2602]. **Zooplankton** [1871, 963, 26, 1175, 1557, 759, 1043, 120, 1419, 2027, 796, 347, 1202, 1519, 657, 556, 2421, 1939, 1068, 1620, 1690, 745, 1256, 975, 1683, 191, 852, 2214, 123, 182, 361, 1044, 349, 1840, 2464, 979, 1555, 435, 1144, 2064, 2197, 1465, 1643, 2314, 475, 1386, 93, 627, 1586, 2391, 1036, 1225, 2084, 832, 2298, 271, 275, 1599, 1582]. **Zostera** [744].

## References

**Pomeroy:1980:AFR**

- [1] W. M. Pomeroy and C. D. Levings. Association and feeding relationships between *Eogammarus confervicolus* (*Amphipoda*, *Gammaridae*) and benthic algae on sturgeon and Roberts Banks, Fraser River Estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):1–10, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-001>.

**Nielsen:1980:EWS**

- [2] Larry A. Nielsen. Effect of walleye (*Stizostedion vitreum vitreum*) predation on juvenile mortality and recruitment of yellow perch (*Perca flavescens*) in Oneida Lake, New York. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):11–19, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-002>.

**Banse:1980:TPN**

- [3] Karl Banse. Terebellidae (Polychaeta) from the Northeast Pacific Ocean. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien*

*des sciences halieutiques et aquatiques*, 37(1):20–40, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-003>.

**Foucher:1980:PNO**

- [4] R. P. Foucher and R. J. Beamish. Production of nonviable oocytes by Pacific hake (*Merluccius productus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):41–48, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-004>.

**Markle:1980:NRR**

- [5] Douglas F. Markle, W. B. Scott, and A. C. Kohler. New and rare records of Canadian fishes and the influence of hydrography on resident and nonresident Scotian Shelf ichthyofauna. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):49–65, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-005>.

**Cote:1980:SPH**

- [6] G. Côté, P. Lamoureux, J. Boulva, and G. Lacroix. Séparation des populations de hareng de l’Atlantique (*Clupea harengus harengus*) de l’estuaire du Saint-Laurent et de la péninsule gaspésienne. (French) [Separation of the Atlantic herring (*Clupea harengus harengus*) populations of the Saint Lawrence Estuary and the Gaspé Peninsula]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):66–71, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-006>.

**Charlton:1980:ODL**

- [7] M. N. Charlton. Oxygen depletion in Lake Erie: has there been any change? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):72–80, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-007>.

**Ryman:1980:GCH**

- [8] Nils Ryman and Gunnar Ståhl. Genetic changes in hatchery stocks of brown trout (*Salmo trutta*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37

(1):82–87, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-008>.

**Fong:1980:RGF**

- [9] W. Fong and K. H. Mann. Role of gut flora in the transfer of amino acids through a marine food chain. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):88–96, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-009>.

**Majkowski:1980:SEF**

- [10] J. Majkowski, J. Pilarska, and R. Z. Klekowski. Simulations of energy flow through the amictic female rotifer *Brachionus rubens* Ehrbg. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):97–110, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-010>.

**Bergmann:1980:SRM**

- [11] Martin Bergmann and Robert Henry Peters. A simple reflectance method for the measurement of particulate pigment in lake water and its application to phosphorus–chlorophyll–Seston relationships. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):111–114, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-011>.

**Russell:1980:ADT**

- [12] Howard J. Russell, Jr. Analysis of double-tagging experiments: an update. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):114–116, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-012>.

**Bouck:1980:CLA**

- [13] Gerald R. Bouck. Concentrations of leucine aminonaphthylamidase (LAN) and soluble protein in tissues of rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):116–120, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-013>.



**Arai:1980:IPC**

- [14] Mary Needler Arai and J. Roger Jacobs. Interspecific predation of common Strait of Georgia planktonic coelenterates: Laboratory evidence. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):120–123, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-014>.

**Short:1980:LLP**

- [15] Robert A. Short and James V. Ward. Leaf litter processing in a regulated Rocky Mountain stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):123–127, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-015>.

**Roff:1980:MRB**

- [16] Derek A. Roff. A motion for the retirement of the von Bertalanffy function. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):127–129, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-016>.

**Vannote:1980:RCC**

- [17] Robin L. Vannote, G. Wayne Minshall, Kenneth W. Cummins, James R. Sedell, and Colbert E. Cushing. The river continuum concept. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):130–137, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-017>.

**Anonymous:1980:BRCa**

- [18] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(1):138–140, January 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-018>.

**Ulanowicz:1980:IAS**

- [19] R. E. Ulanowicz and T. T. Polgar. Influences of anadromous spawning behavior and optimal environmental conditions upon striped bass (*Morone saxatilis*) year-class success. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):143–154, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-019>.

**Johnson:1980:OTS**

- [20] R. A. Johnson. Oxygen transport in salmon spawning gravels. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):155–162, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-020>.

**dApollonia:1980:OAC**

- [21] S. d'Apollonia and P. D. Anderson. Optimal assay conditions for serum and liver glutamate oxaloacetate transaminase, glutamate pyruvate transaminase, and sorbitol dehydrogenase from the rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):163–169, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-021>.

**Hodson:1980:EDA**

- [22] P. V. Hodson, J. W. Hilton, B. R. Blunt, and S. J. Slinger. Effects of dietary ascorbic acid on chronic lead toxicity to young rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):170–176, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-022>.

**Janssen:1980:FEV**

- [23] John Janssen and Stephen B. Brandt. Feeding ecology and vertical migration of adult alewives (*Alosa pseudoharengus*) in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):177–184, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-023>.

**Mathias:1980:FCO**

- [24] Jack A. Mathias and Jan Barica. Factors controlling oxygen depletion in ice-covered lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):

185–194, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-024>.

**Takagi:1980:DFA**

- [25] T. Takagi, C. A. Eaton, and R. G. Ackman. Distribution of fatty acids in lipids of the common Atlantic sea urchin *Strongylocentrotus droebachiensis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):195–202, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-025>.

**Biette:1980:GUS**

- [26] R. M. Biette and G. H. Geen. Growth of underyearling sockeye salmon (*Oncorhynchus nerka*) under constant and cyclic temperatures in relation to live zooplankton ration size. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):203–210, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-026>.

**Kaiser:1980:CPM**

- [27] Klaus L. E. Kaiser. Correlation and prediction of metal toxicity to aquatic biota. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):211–218, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-027>.

**Green:1980:RUC**

- [28] Roger H. Green. Role of a unionid clam population in the calcium budget of a small Arctic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):219–224, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-028>.

**Toneys:1980:MHO**

- [29] Michael L. Toneys and Daniel W. Coble. Mortality, hematocrit, osmolality, electrolyte regulation, and fat depletion of young-of-the-year freshwater fishes under simulated winter conditions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):225–232, February 1980. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-029>.

**Hodson:1980:ERT**

- [30] P. V. Hodson, D. J. Spry, and B. R. Blunt. Effects on rainbow trout (*Salmo gairdneri*) of a chronic exposure to waterborne selenium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):233–240, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-030>.

**Sainsbury:1980:EIV**

- [31] K. J. Sainsbury. Effect of individual variability on the von Bertalanffy growth equation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):241–247, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-031>.

**Bothwell:1980:IST**

- [32] Max L. Bothwell and John G. Stockner. Influence of secondarily treated kraft mill effluent on the accumulation rate of attached algae in experimental continuous-flow troughs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):248–254, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-032>.

**Healey:1980:GRE**

- [33] M. C. Healey. Growth and recruitment in experimentally exploited lake whitefish (*Coregonus clupeaformis*) populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):255–267, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-033>.

**Deriso:1980:HSP**

- [34] R. B. Deriso. Harvesting strategies and parameter estimation for an age-structured model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):268–282, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-034>.

**Mercer:1980:SDO**

- [35] M. C. Mercer, R. K. Misra, and G. V. Hurley. Sex determination of the ommastrephid squid *Illex illecebrosus* using beak morphometries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):283–286, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-035>.

**Pesch:1980:CCM**

- [36] Gerald G. Pesch and Carol E. Pesch. Chromosome complement of the marine worm *Neanthes arenaceodentata* (Polychaeta: Annelida). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):286–288, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-036>.

**McGaw:1980:CIO**

- [37] Richard L. McGaw. Confidence intervals for optimal effort estimates from the Schaefer Production Model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):288–289, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-037>.

**Reckhow:1980:TEP**

- [38] K. H. Reckhow. Techniques for exploring and presenting data applied to lake phosphorus concentration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):290–294, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-038>.

**Anonymous:1980:LLa**

- [39] Anonymous. Letters/lettres. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):295–297, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-039>.

**Anonymous:1980:BRCb**

- [40] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):298–299, February 1980. CODEN CJFSDX.

ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-040>.

**Anonymous:1980:CRPa**

- [41] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(2):301, February 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-041>.

**Watson:1980:FSI**

- [42] J. Watson. Foreword to the special issue on the Experimental Lakes Area. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):311, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-042>.

**Watson:1980:APA**

- [43] J. Watson. *Avant-propos au numéro spécial sur la région des lacs expérimentaux*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):312, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-043>.

**Schindler:1980:EEL**

- [44] D. W. Schindler. Evolution of the Experimental Lakes Project. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):313–319, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-044>.

**Schindler:1980:HIN**

- [45] D. W. Schindler, T. Rusczyński, and E. J. Fee. Hypolimnion injection of nutrient effluents as a method for reducing eutrophication. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):320–327, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-045>.

**Schindler:1980:EFW**

- [46] D. W. Schindler, R. W. Newbury, K. G. Beaty, J. Prokopowich, T. Rusczyński, and J. A. Dalton. Effects of a windstorm and for-

est fire on chemical losses from forested watersheds and on the quality of receiving streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):328–334, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-046>.

**Newbury:1980:WRE**

- [47] R. W. Newbury and K. G. Beaty. Water renewal efficiency of watershed and lake combinations in the ELA region of the Precambrian Shield. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):335–341, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-047>.

**Schindler:1980:EAL**

- [48] D. W. Schindler, R. Wagemann, R. B. Cook, T. Ruszczynski, and J. Prokopowich. Experimental acidification of Lake 223, Experimental Lakes Area: background data and the first three years of acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):342–354, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-048>.

**Muller:1980:EAA**

- [49] Peter Müller. Effects of artificial acidification on the growth of periphyton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):355–363, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-049>.

**Malley:1980:DSC**

- [50] D. F. Malley. Decreased survival and calcium uptake by the crayfish *Orconectes virilis* in low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):364–372, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-050>.

**Schindler:1980:EAM**

- [51] D. W. Schindler, R. H. Hesslein, R. Wagemann, and W. S. Broecker. Effects of acidification on mobilization of heavy metals and radionuclides from the sediments of a freshwater lake. *Canadian Journal of Fisheries*

and Aquatic Sciences = *Journal canadien des sciences halieutiques et aquatiques*, 37(3):373–377, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-051>.

**Hesslein:1980:FMR**

- [52] R. H. Hesslein, W. S. Broecker, and D. W. Schindler. Fates of metal radiotracers added to a whole lake: Sediment–water interactions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):378–386, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-052>.

**Jackson:1980:EST**

- [53] Togwell A. Jackson, George Kipphut, Raymond H. Hesslein, and David W. Schindler. Experimental study of trace metal chemistry in soft-water lakes at different pH levels. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):387–402, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-053>.

**Marshall:1980:DCS**

- [54] J. S. Marshall and D. L. Mellinger. Dynamics of cadmium-stressed plankton communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):403–414, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-054>.

**Brunskill:1980:ESE**

- [55] G. J. Brunskill, B. W. Graham, and J. W. M. Rudd. Experimental studies on the effect of arsenic on microbial degradation of organic matter and algal growth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):415–423, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-055>.

**deNoyelles:1980:CCN**

- [56] F. deNoyelles, Jr., R. Knoechel, D. Reinke, D. Treanor, and C. Altenhofen. Continuous culturing of natural phytoplankton communities in the Experimental Lakes Area: Effects of enclosure, in situ incubation, light, phosphorus, and cadmium. *Canadian Journal of Fisheries*



and Aquatic Sciences = *Journal canadien des sciences halieutiques et aquatiques*, 37(3):424–433, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-056>.

**Knoechel:1980:ARH**

- [57] R. Knoechel and F. deNoyelles, Jr. Analysis of the response of hypolimnetic phytoplankton in continuous culture to increased light or phosphorus using track autoradiography. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):434–441, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-057>.

**Healey:1980:PIN**

- [58] F. P. Healey and L. L. Hendzel. Physiological indicators of nutrient deficiency in lake phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):442–453, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-058>.

**Hesslein:1980:WLR**

- [59] R. H. Hesslein, W. S. Broecker, P. D. Quay, and D. W. Schindler. Whole-lake radiocarbon experiment in an oligotrophic lake at the Experimental Lakes Area, Northwestern Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):454–463, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-059>.

**Bower:1980:GEP**

- [60] Peter Bower and Daniel McCorkle. Gas exchange, photosynthetic uptake, and carbon budget for a radiocarbon addition to a small enclosure in a stratified lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):464–471, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-060>.

**Stainton:1980:EMB**

- [61] M. P. Stainton. Errors in molybdenum blue methods for determining orthophosphate in freshwater. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37 (3):472–478, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-061>.

**Levine:1980:RAO**

- [62] S. N. Levine and D. W. Schindler. Radiochemical analysis of orthophosphate concentrations and seasonal changes in the flux of orthophosphate to seston in two Canadian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):479–487, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-062>.

**Graham:1980:CNU**

- [63] B. M. Graham, R. D. Hamilton, and N. E. R. Campbell. Comparison of the nitrogen-15 uptake and acetylene reduction methods for estimating the rates of nitrogen fixation by freshwater blue-green algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):488–493, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-063>.

**Flett:1980:NFC**

- [64] Robert J. Flett, David W. Schindler, Robert D. Hamilton, and Norman E. R. Campbell. Nitrogen fixation in Canadian Precambrian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):494–505, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-064>.

**Chan:1980:DLD**

- [65] Y. K. Chan and N. E. R. Campbell. Denitrification in Lake 227 during summer stratification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37 (3):506–512, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-065>.

**Fee:1980:IFE**

- [66] Everett J. Fee. Important factors for estimating annual phytoplankton production in the Experimental Lakes Area. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques*

*et aquatiques*, 37(3):513–522, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-066>.

**Davies:1980:RBD**

- [67] I. J. Davies. Relationships between dipteran emergence and phytoplankton production in the Experimental Lakes Area, Northwestern Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):523–533, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-067>.

**Mills:1980:CFR**

- [68] K. H. Mills and R. J. Beamish. Comparison of fin-ray and scale age determinations for lake whitefish (*Coregonus clupeaformis*) and their implications for estimates of growth and annual survival. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):534–544, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-068>.

**Hesslein:1980:SMP**

- [69] R. H. Hesslein. In situ measurements of pore water diffusion coefficients using tritiated water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):545–551, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-069>.

**Hesslein:1980:WLM**

- [70] R. H. Hesslein. Whole-lake model for the distribution of sediment-derived chemical species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(3):552–558, March 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-070>.

**Peterman:1980:DNI**

- [71] Randall M. Peterman. Dynamics of native Indian food fisheries on salmon in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):561–566, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-071>.

**Borgmann:1980:EMB**

- [72] U. Borgmann, R. Cove, and C. Loveridge. Effect of metals on the biomass production kinetics of freshwater copepods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):567–575, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-072>.

**Reisenbichler:1980:ENM**

- [73] R. R. Reisenbichler and N. A. Hartmann, Jr. Effect of number of marked fish and years of repetition on precision in studies of contribution to a fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):576–582, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-073>.

**Bedard:1980:AIN**

- [74] J. Bédard, J. C. Therriault, and J. Bérubé. Assessment of the importance of nutrient recycling by seabirds in the St. Lawrence Estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):583–588, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-074>.

**Jones:1980:NDC**

- [75] E. P. Jones and A. R. Coote. Nutrient distributions in the Canadian Archipelago: Indicators of summer water mass and flow characteristics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):589–599, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-075>.

**Ewing:1980:ISG**

- [76] R. D. Ewing, H. J. Pribble, S. L. Johnson, C. A. Fustish, J. Diamond, and J. A. Lichatowich. Influence of size, growth rate, and photoperiod on cyclic changes in gill (Na + K)-ATPase activity in Chinook salmon (*Oncorhynchus tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):600–605, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-076>.

**Colton:1980:BNR**

- [77] J. B. Colton, Jr., J. R. Green, R. R. Byron, and J. L. Frisella. Bongo net retention rates as effected by towing speed and mesh size. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):606–623, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-077>.

**Gurtz:1980:SDS**

- [78] Martin E. Gurtz, Jackson R. Webster, and J. Bruce Wallace. Seston dynamics in Southern Appalachian streams: Effects of clear-cutting. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):624–631, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-078>.

**Colwell:1980:DIN**

- [79] A. E. Colwell and C. H. Schaefer. Diets of *Ictalurus nebulosus* and *Pomoxis nigromaculatus* altered by diflubenzuron. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):632–639, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-079>.

**Reid:1980:DDA**

- [80] R. P. Reid, C. H. Pharo, and W. C. Barnes. Direct determination of apatite in lake sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):640–646, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-080>.

**Winner:1980:ICS**

- [81] R. W. Winner, M. W. Boesel, and M. P. Farrell. Insect community structure as an index of heavy-metal pollution in lotic ecosystems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):647–655, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-081>.

**Chatarpaul:1980:ETW**

- [82] Lakeram Chatarpaul, John B. Robinson, and Narinder K. Kaushik. Effects of tubificid worms on denitrification and nitrification in stream sed-

iment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):656–663, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-082>.

**White:1980:DBA**

- [83] E. White and G. Payne. Distribution and biological availability of reactive high molecular weight phosphorus in natural waters in New Zealand. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):664–669, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-083>.

**Luoma:1980:SFA**

- [84] Maire E. Luoma and John H. Gee. Seasonal factors affecting buoyancy attained in still water and current by fathead minnows, *Pimephales promelas*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):670–678, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-084>.

**Nakashima:1980:NSR**

- [85] Brian S. Nakashima and William C. Leggett. Natural sources and requirements of phosphorus for fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):679–686, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-085>.

**Ebert:1980:EPF**

- [86] Thomas A. Ebert. Estimating parameters in a flexible growth equation, the Richards fonction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):687–692, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-086>.

**Sameoto:1980:QME**

- [87] D. D. Sameoto. Quantitative measurements of euphausiids using a 120-kHz sounder and their in situ orientation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):693–702, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-087>.

**Pelletier:1980:MDP**

- [88] E. Pelletier and J. Lebel. La mesure du pH en milieu estuarien sur l'échelle NBS. (French) [The measurement of pH in an estuarine environment on the NBS scale]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):703–706, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-088>.

**Axler:1980:SNU**

- [89] R. P. Axler, R. M. Gersberg, and C. R. Goldman. Stimulation of nitrate uptake and photosynthesis by molybdenum in Castle Lake, California. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):707–712, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-089>.

**Hui:1980:VDD**

- [90] Clifford A. Hui. Variability of dentin deposits in *Tursiops truncatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):712–716, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-090>.

**Cammen:1980:EBP**

- [91] Leon M. Cammen. Estimation of biological power functions from group measurements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):716–719, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-091>.

**Bullock:1980:DCS**

- [92] G. L. Bullock, B. R. Griffin, and H. M. Stuckey. Detection of *Corynebacterium salmoninus* by direct fluorescent antibody test. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):719–721, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-092>.

**Sameoto:1980:BND**

- [93] D. D. Sameoto, L. O. Jaroszynski, and W. B. Fraser. BIONESS, a new design in multiple net zooplankton samplers. *Canadian Journal of Fish-*

*eries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):722–724, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-093>.

**Carscadden:1980:MAM**

- [94] J. E. Carscadden and R. K. Misra. Multivariate analysis of meristic characters of capelin (*Mallotus villosus*) in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):725–729, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-094>.

**Burnison:1980:MDS**

- [95] B. K. Burnison. Modified dimethyl sulfoxide (DMSO) extraction for chlorophyll analysis of phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):729–733, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-095>.

**Mathur:1980:SPS**

- [96] Dilip Mathur and Carl A. Silver. Statistical problems in studies of temperature preference of fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):733–737, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-096>.

**Echeverria:1980:ALB**

- [97] Tina Echeverria. Accumulation of  $^{14}\text{C}$  labeled benzene and related compounds in the rotifer *Brachionus plicatilis* from seawater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):738–741, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-097>.

**Rau:1980:CCV**

- [98] Greg H. Rau. Carbon-13/carbon-12 variation in subalpine lake aquatic insects: Food source implications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):742–746, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-098>.



**Michel:1980:SME**

- [99] C. Michel. A standardized model of experimental furunculosis in rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):746–750, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-099>.

**Anonymous:1980:BRcC**

- [100] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(4):751, April 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-100>.

**Hedtke:1980:EWO**

- [101] Steven F. Hedtke and Frank A. Puglisi. Effects of waste oil on the survival and reproduction of the American flagfish, *Jordanella floridae*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):757–764, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-101>.

**Specker:1980:SRT**

- [102] J. L. Specker and C. B. Schreck. Stress responses to transportation and fitness for marine survival in Coho salmon (*Oncorhynchus kisutch*) smolts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):765–769, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-102>.

**Peterson:1980:IAS**

- [103] R. H. Peterson, P. G. Daye, and J. L. Metcalfe. Inhibition of Atlantic salmon (*Salmo salar*) hatching at low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):770–774, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-103>.

**Gartner-Kepkay:1980:GDE**

- [104] K. E. Gartner-Kepkay, L. M. Dickie, K. R. Freeman, and E. Zouros. Genetic differences and environments of mussel populations in the Maritime

provinces. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):775–782, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-104>.

**Imhof:1980:PSS**

- [105] Mark Imhof, Robb Leary, and Henry E. Booke. Population or stock structure of lake whitefish, *Coregonus clupeaformis*, in Northern Lake Michigan as assessed by isozyme electrophoresis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):783–793, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-105>.

**Bower:1980:SHM**

- [106] Carol E. Bower and Thomas Holm-Hansen. A salicylate–hypochlorite method for determining ammonia in seawater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):794–798, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-106>.

**MacMillan:1980:VEN**

- [107] John R. MacMillan, Dan Mulcahy, and Marsha Landolt. Viral erythrocytic necrosis: Some physiological consequences of infection in chum salmon (*Oncorhynchus keta*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):799–804, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-107>.

**Barton:1980:PCL**

- [108] Bruce A. Barton, Richard E. Peter, and Christine R. Paulencu. Plasma cortisol levels of fingerling rainbow trout (*Salmo gairdneri*) at rest, and subjected to handling, confinement, transport, and stocking. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):805–811, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-108>.

**MacLean:1980:SHS**

- [109] Sharon A. MacLean. Study of *Haematractidium scomбри* in Atlantic mackerel, *Scomber scombrus*. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):812–816, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-109>.

**Evans:1980:MWL**

- [110] R. Douglas Evans and Frank H. Rigler. Measurement of whole lake sediment accumulation and phosphorus retention using lead-210 dating. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):817–822, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-110>.

**Scavia:1980:STP**

- [111] Donald Scavia and John R. Bennett. Spring transition period in Lake Ontario — a numerical study of the causes of the large biological and chemical gradients. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):823–833, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-111>.

**Naiman:1980:RBM**

- [112] Robert J. Naiman and James R. Sedell. Relationships between metabolic parameters and stream order in Oregon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):834–847, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-112>.

**Rudd:1980:DSM**

- [113] John W. M. Rudd, Michael A. Turner, Bruce E. Townsend, Alison Swick, and Akira Furutani. Dynamics of selenium in mercury-contaminated experimental freshwater ecosystems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):848–857, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-113>.

**Anderson:1980:NCE**

- [114] Lee G. Anderson. Necessary components of economic surplus in fisheries economics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):858–870, May

1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-114>.

**Bowser:1980:GRN**

- [115] P. R. Bowser and J. A. Plumb. Growth rates of a new cell line from channel catfish ovary and channel catfish virus replication at different temperatures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):871–873, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-115>.

**Favro:1980:EUS**

- [116] L. D. Favro, P. K. Kuo, and J. F. McDonald. Effects of unconventional size limits on the growth rate of trout. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):873–876, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-116>.

**Harris:1980:TSS**

- [117] Graham P. Harris. Temporal and spatial scales in phytoplankton ecology. mechanisms, methods, models, and management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):877–900, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-117>.

**Anonymous:1980:LCLa**

- [118] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):901–902, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-118>.

**Anonymous:1980:BRCd**

- [119] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(5):905–906, May 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-119>.

**Cooper:1980:OSM**

- [120] Scott D. Cooper and Charles R. Goldman. Opossum shrimp (*Mysis relicta*) predation on zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):909–919, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-120>.

**Misra:1980:SCS**

- [121] R. K. Misra. Statistical comparisons of several growth curves of the von Bertalanffy type. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):920–926, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-121>.

**Rosenberg:1980:SEC**

- [122] David M. Rosenberg, Allen P. Wiens, and Bohdan Bilyj. Sampling emerging Chironomidae (Diptera) with submerged funnel traps in a new Northern Canadian reservoir, Southern Indian Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):927–936, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-122>.

**Mathur:1980:ATD**

- [123] Dilip Mathur, Timothy W. Robbins, and Edmund J. Purdy, Jr. Assessment of thermal discharges on zooplankton in Conowingo Pond, Pennsylvania. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):937–944, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-123>.

**Ennis:1980:SMR**

- [124] G. P. Ennis. Size–maturity relationships and related observations in Newfoundland populations of the lobster (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):945–956, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-124>.

**Peckarsky:1980:IDU**

- [125] Barbara L. Peckarsky. Influence of detritus upon colonization of stream invertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):957–963, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-125>.

**Elston:1980:PEV**

- [126] Ralph Elston and Louis Leibovitz. Pathogenesis of experimental vibriosis in larval American oysters, *Crassostrea virginica*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):964–978, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-126>.

**Fradette:1980:EBE**

- [127] Pierre Fradette and Edwin Bourget. Ecology of benthic epifauna of the estuary and Gulf of St. Lawrence: Factors influencing their distribution and abundance on buoys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):979–999, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-127>.

**Cohen:1980:MGT**

- [128] Marc-David Cohen and George S. Fishman. Modeling growth–time and weight–length relationships in a single year-class fishery with examples for North Carolina pink and brown shrimp. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1000–1011, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-128>.

**Ware:1980:BSR**

- [129] D. M. Ware. Bioenergetics of stock and recruitment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1012–1024, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-129>.

**Mortonson:1980:ODN**

- [130] J. A. Mortonson and A. S. Brooks. Occurrence of a deep nitrite maximum in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1025–1027, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-130>.

**Roy:1980:FSD**

- [131] Suzanne Roy and Louis Legendre. Field studies of DCMU-enhanced fluorescence as an index of in situ phytoplankton photosynthetic activity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1028–1031, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-131>.

**Kozel:1980:IMC**

- [132] Thomas R. Kozel, Marley Lott, and Robert Taylor. Isolation of *Myxosoma cerebralis* (whirling disease) spores from infected fish by use of a physical separation technique. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1032–1035, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-132>.

**Daye:1980:AAE**

- [133] P. G. Daye. Attempts to acclimate embryos and alevins of Atlantic salmon, *Salmo salar*, and rainbow trout, *S. gairdneri*, to low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1035–1038, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-133>.

**Herbst:1980:DVL**

- [134] Doris V. Herbst. Determination of vancomycin in lobster meat. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1038–1040, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-134>.

**Pyle:1980:NAD**

- [135] Stephen W. Pyle and Emmett B. Shotts, Jr. A new approach for differentiating flexibacteria isolated from cold-water and warmwater fish.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1040–1042, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-135>.

**U:1980:LCL**

- [136] F. H. U. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1043–1055, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-136>.

**Anonymous:1980:BRCe**

- [137] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(6):1056–1058, June 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-137>.

**Werner:1980:GSL**

- [138] Robert G. Werner and J. H. S. Blaxter. Growth and survival of larval herring (*Clupea harengus*) in relation to prey density. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1063–1069, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-138>.

**Kelly:1980:FCC**

- [139] R. K. Kelly, H. R. Miller, O. Nielsen, and J. W. Clayton. Fish cell culture: Characteristics of a continuous fibroblastic cell line from walleye (*Stizostedion vitreum vitreum*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1070–1075, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-139>.

**Newbold:1980:ELM**

- [140] J. D. Newbold, D. C. Erman, and K. B. Roby. Effects of logging on macroinvertebrates in streams with and without buffer strips. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1076–1085, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-140>.



**Trump:1980:OSS**

- [141] Clifford L. Trump and William C. Leggett. Optimum swimming speeds in fish: The problem of currents. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1086–1092, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-141>.

**Grant:1980:BGV**

- [142] W. S. Grant and F. M. Utter. Biochemical genetic variation in walleye pollock, *Theragra chalcogramma*: Population structure in the Southeastern Bering Sea and the Gulf of Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1093–1100, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-142>.

**Prinsenber:1980:MMC**

- [143] S. J. Prinsenber. Man-made changes in the freshwater input rates of Hudson and James Bays. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1101–1110, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-143>.

**Clark:1980:TPM**

- [144] Colin W. Clark. Towards a predictive model for the economic regulation of commercial fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1111–1129, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-144>.

**Hulber:1980:CMM**

- [145] Larry W. Hulber and John S. Oliver. Caging manipulations in marine soft-bottom communities: Importance of animal interactions or sedimentary habitat modifications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1130–1139, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-145>.

**Aalto:1980:SME**

- [146] Sergei Aalto and G. E. (Buck) Newsome. Some methods of estimating the parameters of the Leslie matrix using incomplete population data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1140–1148, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-146>.

**Fairbairn:1980:TGM**

- [147] Daphne J. Fairbairn and Derek A. Roff. Testing genetic models of isozyme variability without breeding data: Can we depend on the  $\chi^2$ ? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1149–1159, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-147>.

**Quackenbush:1980:ASD**

- [148] Dale W. Quackenbush, Max L. Bothwell, and Peter A. Bisson. Aluminum shadowing–direct projection photomicroscopy of diatom frustules. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1160–1166, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-148>.

**Samoiloff:1980:RSL**

- [149] M. R. Samoiloff, S. Schulz, Y. Jordan, K. Denich, and E. Arnott. A rapid simple long-term toxicity assay for aquatic contaminants using the nematode *Panagrellus redivivus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1167–1174, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-149>.

**Barica:1980:EMA**

- [150] J. Barica, H. Kling, and J. Gibson. Experimental manipulation of algal bloom composition by nitrogen addition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1175–1183, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-150>.

**Biette:1980:FLF**

- [151] R. M. Biette and G. H. Geen. The fate of  $^{14}\text{C}$  labeled food ingested by underyearling sockeye salmon, *Oncorhynchus nerka*, in relation to temperature and ration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1184–1192, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-151>.

**Turpin:1980:CSM**

- [152] David H. Turpin and Paul J. Harrison. Cell size manipulation in natural marine, planktonic, diatom communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1193–1195, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-152>.

**Johnson:1980:GLE**

- [153] M. G. Johnson. Great Lakes environmental protection policies from a fisheries perspective. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1196–1204, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-153>.

**Anonymous:1980:BRcf**

- [154] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(7):1205, July 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-154>.

**Kranck:1980:VPM**

- [155] Kate Kranck. Variability of particulate matter in a small coastal inlet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1209–1215, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-155>.

**Burton:1980:AOT**

- [156] Dennis T. Burton and Alan G. Heath. Ambient oxygen tension and transition to anaerobic metabolism in three species of freshwater fish.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1216–1224, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-156>.

**Pesch:1980:NAP**

- [157] Gerald G. Pesch and Carol E. Pesch. *Neanthes arenaceodentata* (Polychaeta: Annelida), a proposed cytogenetic model for marine genetic toxicology. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1225–1228, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-157>.

**Roff:1980:EGM**

- [158] D. A. Roff and D. J. Fairbairn. An evaluation of Gulland's method for fitting the Schaefer Model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1229–1235, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-158>.

**Grant:1980:UBG**

- [159] W. S. Grant, G. B. Milner, P. Krasnowski, and F. M. Utter. Use of biochemical genetic variants for identification of sockeye salmon (*Oncorhynchus nerka*) stocks in Cook Inlet, Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1236–1247, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-159>.

**Hung:1980:MOF**

- [160] S. S. O. Hung, C. Y. Cho, and S. J. Slinger. Measurement of oxidation in fish oil and its effect on vitamin E nutrition of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1248–1253, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-160>.

**Johannsson:1980:EDE**

- [161] Ora E. Johannsson. Energy dynamics of the eutrophic chironomid *Chironomus plumosus f. semireductus* from the Bay of Quinte, Lake Ontario.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1254–1265, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-161>.

**Stauffer:1980:BEC**

- [162] Robert E. Stauffer. Bias evaluation of the cation-exchange method for sulfate and chloride. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1266–1275, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-162>.

**Mohn:1980:BEP**

- [163] Robert K. Mohn. Bias and error propagation in logistic production models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1276–1283, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-163>.

**Uhler:1980:LSR**

- [164] Russell S. Uhler. Least squares regression estimates of the Schaefer Production Model: Some Monte Carlo simulation results. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1284–1294, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-164>.

**Borgmann:1980:IEM**

- [165] Uwe Borgmann. Interactive effects of metals in mixtures on biomass production kinetics of freshwater copepods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1295–1302, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-165>.

**Campbell:1980:MIM**

- [166] P. Campbell and T. Torgersen. Maintenance of iron meromixis by iron redeposition in a rapidly flushed monimolimnion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1303–1313, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-166>.

**Kohler:1980:PLL**

- [167] Christopher C. Kohler and John J. Ney. Piscivory in a landlocked alewife (*Alosa pseudoharengus*) population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1314–1317, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-167>.

**Bitton:1980:OFH**

- [168] Gabriel Bitton, John R. Beaver, and Samuel R. Farrah. Organic flocculation and hydroextraction: Two new methods for phytoplankton concentration from lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1317–1320, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-168>.

**Cauvin:1980:VRF**

- [169] D. Cauvin. The valuation of recreational fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1321–1327, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-169>.

**Anonymous:1980:LCLb**

- [170] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1328–1332, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-170>.

**Anonymous:1980:CRPb**

- [171] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(8):1333, August 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-171>.

**Schnute:1980:NAL**

- [172] Jon Schnute and David Fournier. A new approach to length–frequency analysis: Growth structure. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1337–1351, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-172>.

**Bienfang:1980:HDA**

- [173] P. K. Bienfang. Herbivore diet affects fecal pellet settling. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1352–1357, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-173>.

**Culp:1980:RAP**

- [174] Joseph M. Culp and Ronald W. Davies. Reciprocal averaging and polar ordination as techniques for analyzing lotic macroinvertebrate communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1358–1364, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-174>.

**Murphy:1980:ANU**

- [175] T. P. Murphy. Ammonia and nitrate uptake in the Lower Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1365–1372, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-175>.

**Mathews:1980:FAP**

- [176] S. B. Mathews and F. W. Olson. Factors affecting Puget Sound Coho salmon (*Oncorhynchus kisutch*) runs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1373–1378, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-176>.

**Bailey:1980:IPS**

- [177] J. K. Bailey, R. L. Saunders, and M. I. Buzeta. Influence of parental smolt age and sea age on growth and smolting of hatchery-reared Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1379–1386, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-177>.

**Turk:1980:SBC**

- [178] Ted R. Turk, Michael J. Risk, Roy W. M. Hirtle, and Ross K. Yeo. Sedimentological and biological changes in the Windsor Mudflat, an area of induced siltation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1387–1397, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-178>.

**Freeland:1980:CED**

- [179] Howard J. Freeland and David M. Farmer. Circulation and energetics of a deep, strongly stratified inlet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1398–1410, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-179>.

**Laughlin:1980:RPT**

- [180] Dennis R. Laughlin and Earl E. Werner. Resource partitioning in two co-existing sunfish: Pumpkinseed (*Lepomis gibbosus*) and northern longear sunfish (*Lepomis megalotis peltastes*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1411–1420, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-180>.

**Paulson:1980:MAE**

- [181] Larry J. Paulson. Models of ammonia excretion for brook trout (*Salvelinus fontinalis*) and rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1421–1425, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-181>.

**Mayzaud:1980:SSV**

- [182] P. Mayzaud. Some sources of variability in determination of digestive enzyme activity in zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1426–1432, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-182>.



**Papst:1980:RBT**

- [183] M. H. Papst, J. A. Mathias, and J. Barica. Relationship between thermal stability and summer oxygen depletion in a prairie pothole lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1433–1438, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-183>.

**Reckhow:1980:PUM**

- [184] K. H. Reckhow and J. T. Simpson. A procedure using modeling and error analysis for the prediction of lake phosphorus concentration from land use information. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1439–1448, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-184>.

**Yurkowski:1980:GMI**

- [185] M. Yurkowski and Jo-Anne L. Tabachek. Geosmin and 2-methylisoborneol implicated as a cause of muddy odor and flavor in commercial fish from Cedar Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1449–1450, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-185>.

**Klaverkamp:1980:BAI**

- [186] J. F. Klaverkamp and B. R. Hobden. Brain acetylcholinesterase inhibition and hepatic activation of acephate and fenitrothion in rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1450–1453, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-186>.

**Diana:1980:DAP**

- [187] James S. Diana. Diel activity pattern and swimming speeds of northern pike (*Esox lucius*) in Lac Ste. Anne, Alberta. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1454–1458, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-187>.

**Kramer:1980:SCS**

- [188] D. E. Kramer and D. M. A. Nordin. Storage characteristics of small and large walleye pollock (*Theragra chalcogramma*) held in ice. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1458–1462, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-188>.

**Anonymous:1980:BRCg**

- [189] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(9):1463–1464, September 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-189>.

**Khan:1980:PTA**

- [190] R. A. Khan, J. Murphy, and D. Taylor. Prevalence of a trypanosome in Atlantic cod (*Gadus morhua*) especially in relation to stocks in the Newfoundland area. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1467–1475, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-190>.

**Mackas:1980:SDZ**

- [191] David L. Mackas, Gregory C. Louttit, and Merelene J. Austin. Spatial distribution of zooplankton and phytoplankton in British Columbian coastal waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1476–1487, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-191>.

**Somerton:1980:CTE**

- [192] D. A. Somerton. A computer technique for estimating the size of sexual maturity in crabs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1488–1494, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-192>.

**Wilson:1980:DGR**

- [193] K. H. Wilson and P. A. Larkin. Daily growth rings in the otoliths of juvenile sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1495–1498, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-193>.

**Wakabayashi:1980:CFB**

- [194] H. Wakabayashi, S. Egusa, and J. L. Fryer. Characteristics of filamentous bacteria isolated from a gill disease of salmonids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1499–1504, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-194>.

**Schneider:1980:BAF**

- [195] Robert Schneider and Bruce L. Nicholson. Bacteria associated with fin rot disease in hatchery-reared Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1505–1513, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-195>.

**Adams:1980:GBC**

- [196] J. N. Adams and R. L. Beschta. Gravel bed composition in Oregon coastal streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1514–1521, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-196>.

**Gunn:1980:ESR**

- [197] J. M. Gunn and W. Keller. Enhancement of the survival of rainbow trout (*Salmo gairdneri*) eggs and fry in an acid lake through incubation in limestone. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1522–1530, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-197>.

**Charlton:1980:HOC**

- [198] M. N. Charlton. Hypolimnion oxygen consumption in lakes: Discussion of productivity and morphometry effects. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1531–1539, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-198>.

**Nakashima:1980:RFR**

- [199] Brian S. Nakashima and William C. Leggett. The role of fishes in the regulation of phosphorus availability in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1540–1549, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-199>.

**Mackie:1980:SSC**

- [200] G. O. Mackie. Slow swimming and cyclical “Fishing” behavior in *Aglantha digitale* (Hydromedusae: Trachylina). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1550–1556, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-200>.

**Brandt:1980:THP**

- [201] Stephen B. Brandt, John J. Magnuson, and Larry B. Crowder. Thermal habitat partitioning by fishes in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1557–1564, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-201>.

**Bowman:1980:DVF**

- [202] Ray E. Bowman and Edgar W. Bowman. Diurnal variation in the feeding intensity and catchability of silver hake (*Merluccius bilinearis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1565–1572, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-202>.

**McFarlane:1980:ECC**

- [203] G. A. McFarlane and W. G. Franzin. An examination of Cd, Cu, and Hg concentrations in livers of northern pike, *Esox lucius*, and white sucker,

*Catostomus commersoni*, from five lakes near a base metal smelter at Flin Flon, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1573–1578, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-203>.

**Watras:1980:SRE**

- [204] C. J. Watras. Subitaneous and resting eggs of copepods: Relative rates of clutch production by *Diaptomus leptopus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(10):1579–1581, October 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-204>.

**Smith:1980:IPS**

- [205] Bernard R. Smith. Introduction to the Proceedings of the 1979 Sea Lamprey International Symposium (SLIS). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1585–1587, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-205>.

**Fetterolf:1980:WGL**

- [206] Carlos M. Fetterolf, Jr. Why a Great Lakes Fishery Commission and why a Sea Lamprey International Symposium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1588–1593, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-206>.

**Potter:1980:PPR**

- [207] I. C. Potter. The petromyzoniformes with particular reference to paired species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1595–1615, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-207>.

**Vladykov:1980:DKM**

- [208] Vadim D. Vladykov and Edward Kott. Description and key to metamorphosed specimens and ammocoetes of Petromyzonidae found in the

Great Lakes region. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1616–1625, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-208>.

**Bailey:1980:CCN**

- [209] Reeve M. Bailey. Comments on the classification and nomenclature of lampreys — an alternative view. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1626–1629, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-209>.

**Krueger:1980:DVI**

- [210] Charles C. Krueger. Detection of variability at isozyme loci in sea lamprey, *Petromyzon marinus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1630–1634, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-210>.

**Manion:1980:SBF**

- [211] Patrick J. Manion and Lee H. Hanson. Spawning behavior and fecundity of lampreys from the upper three Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1635–1640, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-211>.

**Potter:1980:ELM**

- [212] I. C. Potter. Ecology of larval and metamorphosing lampreys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1641–1657, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-212>.

**Moore:1980:FLL**

- [213] James W. Moore and Jon M. Mallatt. Feeding of larval lamprey. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1658–1664, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-213>.

**Morris:1980:BCO**

- [214] Ron Morris. Blood composition and osmoregulation in ammocoete larvae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1665–1679, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-214>.

**Gorbman:1980:EBP**

- [215] Aubrey Gorbman. Evolution of the brain–pituitary relationship: Evidence from the agnatha. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1680–1686, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-215>.

**Youson:1980:MPL**

- [216] J. H. Youson. Morphology and physiology of lamprey metamorphosis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1687–1710, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-216>.

**Lewis:1980:RL**

- [217] S. V. Lewis. Respiration of lampreys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1711–1722, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-217>.

**Rovainen:1980:NL**

- [218] Carl M. Rovainen. Neurophysiology of lampreys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1723–1738, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-218>.

**Beamish:1980:OJA**

- [219] F. W. H. Beamish. Osmoregulation in juvenile and adult lampreys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1739–1750, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-219>.

**Farmer:1980:BPF**

- [220] G. J. Farmer. Biology and physiology of feeding in adult lampreys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1751–1761, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-220>.

**Larsen:1980:PAL**

- [221] Lis Olesen Larsen. Physiology of adult lampreys, with special regard to natural starvation, reproduction, and death after spawning. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1762–1779, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-221>.

**Smith:1980:SLP**

- [222] B. R. Smith and J. J. Tibbles. Sea lamprey (*Petromyzon marinus*) in Lakes Huron, Michigan, and Superior: History of invasion and control, 1936–78. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1780–1801, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-222>.

**Pearce:1980:SLP**

- [223] W. A. Pearce, R. A. Braem, S. M. Dustin, and J. J. Tibbles. Sea lamprey (*Petromyzon marinus*) in the Lower Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1802–1810, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-223>.

**Morman:1980:FID**

- [224] R. H. Morman, D. W. Cuddy, and P. C. Rugen. Factors influencing the distribution of sea lamprey (*Petromyzon marinus*) in the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1811–1826, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-224>.

**Purvis:1980:ETM**

- [225] H. A. Purvis. Effects of temperature on metamorphosis and the age and length at metamorphosis in sea lamprey (*Petromyzon marinus*) in the



Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1827–1834, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-225>.

**Torblaa:1980:EIL**

- [226] R. L. Torblaa and R. W. Westman. Ecological impacts of lampicide treatments on sea lamprey (*Petromyzon marinus*) ammocoetes and metamorphosed individuals. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1835–1850, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-226>.

**Moore:1980:CSR**

- [227] H. H. Moore and L. P. Schleen. Changes in spawning runs of sea lamprey (*Petromyzon marinus*) in selected streams of Lake Superior after chemical control. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1851–1860, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-227>.

**Heinrich:1980:CBC**

- [228] John W. Heinrich, Jerry G. Weise, and Bernard R. Smith. Changes in biological characteristics of the sea lamprey (*Petromyzon marinus*) as related to lamprey abundance, prey abundance, and sea lamprey control. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1861–1871, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-228>.

**Schuldt:1980:CDN**

- [229] R. J. Schuldt and R. Goold. Changes in the distribution of native lampreys in Lake Superior tributaries in response to sea lamprey (*Petromyzon marinus*) control, 1953–77. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1872–1885, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-229>.

**Dahl:1980:ECS**

- [230] F. H. Dahl and R. B. McDonald. Effects of control of the sea lamprey (*Petromyzon marinus*) on migratory and resident fish populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1886–1894, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-230>.

**Gilderhus:1980:ESL**

- [231] P. A. Gilderhus and B. G. H. Johnson. Effects of sea lamprey (*Petromyzon marinus*) control in the Great Lakes on aquatic plants, invertebrates, and amphibians. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1895–1905, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-231>.

**Beamish:1980:ABR**

- [232] Richard J. Beamish. Adult biology of the river lamprey (*Lampetra ayresi*) and the Pacific lamprey (*Lampetra tridentate*) from the Pacific Coast of Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1906–1923, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-232>.

**Beamish:1980:BNA**

- [233] F. W. H. Beamish. Biology of the North American anadromous sea lamprey, *Petromyzon marinus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1924–1943, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-233>.

**Maitland:1980:REL**

- [234] P. S. Maitland. Review of the ecology of lampreys in Northern Europe. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1944–1952, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-234>.

**Tuunainen:1980:LLF**

- [235] P. Tuunainen, E. Ikonen, and H. Auvinen. Lampreys and lamprey fisheries in Finland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1953–1959, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-235>.

**Kainua:1980:DAE**

- [236] K. Kainua and T. Valtonen. Distribution and abundance of European river lamprey (*Lampetra fluviatilis*) larvae in three rivers running into Bothnian Bay, Finland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1960–1966, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-236>.

**Valtonen:1980:ERL**

- [237] Tapani Valtonen. European river lamprey (*Lampetra fluviatilis*) fishing and lamprey populations in some rivers running into Bothnian Bay, Finland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1967–1973, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-237>.

**Sjoberg:1980:EER**

- [238] K. Sjöberg. Ecology of the European river lamprey (*Lampetra fluviatilis*) in Northern Sweden. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1974–1980, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-238>.

**Maitland:1980:SWC**

- [239] P. S. Maitland. Scarring of whitefish (*Coregonus lavaretus*) by European river lamprey (*Lampetra fluviatilis*) in Loch Lomond, Scotland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1981–1988, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-239>.

**King:1980:CSL**

- [240] Everett Louis King, Jr. Classification of sea lamprey (*Petromyzon marinus*) attack marks on Great Lakes lake trout (*Salvelinus namaycush*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):1989–2006, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-240>.

**Johnson:1980:PPS**

- [241] B. G. H. Johnson and William C. Anderson. Predatory-phase sea lampreys (*Petromyzon marinus*) in the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2007–2020, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-241>.

**Christie:1980:PPS**

- [242] W. J. Christie and D. P. Kolenosky. Parasitic phase of the sea lamprey (*Petromyzon marinus*) in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2021–2038, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-242>.

**Spangler:1980:RLW**

- [243] George R. Spangler and John J. Collins. Response of lake whitefish (*Coregonus clupeaformis*) to the control of sea lamprey (*Petromyzon marinus*) in Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2039–2046, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-243>.

**Wells:1980:LTS**

- [244] LaRue Wells. Lake trout (*Salvelinus namaycush*) and sea lamprey (*Petromyzon marinus*) populations in Lake Michigan, 1971–78. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2047–2051, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-244>.

**Moore:1980:CML**

- [245] J. D. Moore and T. J. Lychwick. Changes in mortality of lake trout (*Salvelinus namaycush*) in relation to increased sea lamprey (*Petromyzon marinus*) abundance in Green Bay, 1974–78. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2052–2056, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-245>.

**Lawrie:1980:EMR**

- [246] A. H. Lawrie and W. MacCallum. On evaluating measures to rehabilitate lake trout (*Salvelinus namaycush*) of Lake Superior. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2057–2062, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-246>.

**Pycha:1980:CML**

- [247] Richard L. Pycha. Changes in mortality of lake trout (*Salvelinus namaycush*) in Michigan waters of Lake Superior in relation to sea lamprey (*Petromyzon marinus*) predation, 1968–78. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2063–2073, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-247>.

**Swanson:1980:DRL**

- [248] Bruce L. Swanson and Donald V. Swedberg. Decline and recovery of the Lake Superior Gull Island Reef lake trout (*Salvelinus namaycush*) population and the role of sea lamprey (*Petromyzon marinus*) predation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2074–2080, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-248>.

**Sawyer:1980:PIP**

- [249] Alan J. Sawyer. Prospects for integrated pest management of the sea lamprey (*Petromyzon marinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2081–2092, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-249>.

**Meyer:1980:PPR**

- [250] Fred P. Meyer and Rosalie A. Schnick. Potential problems in the registration of sea lamprey (*Petromyzon marinus*) control agents. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2093–2102, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-250>.

**Howell:1980:DSL**

- [251] John H. Howell, John J. Lech, and John L. Allen. Development of sea lamprey (*Petromyzon marinus*) larvicides. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2103–2107, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-251>.

**Hanson:1980:SMP**

- [252] Lee H. Hanson and Patrick J. Manion. Sterility method of pest control and its potential role in an integrated sea lamprey (*Petromyzon marinus*) control program. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2108–2117, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-252>.

**Hunn:1980:RPB**

- [253] J. B. Hunn and W. D. Youngs. Role of physical barriers in the control of sea lamprey (*Petromyzon marinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2118–2122, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-253>.

**Teeter:1980:PCS**

- [254] John Teeter. Pheromone communication in sea lampreys (*Petromyzon marinus*): Implications for population management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2123–2132, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-254>.

**Walters:1980:RLT**

- [255] Carl J. Walters, Greg Steer, and George Spangler. Responses of lake trout (*Salvelinus namaycush*) to harvesting, stocking, and lamprey reduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2133–2145, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-255>.

**Spangler:1980:ELI**

- [256] George R. Spangler, Douglas S. Robson, and Henry A. Regier. Estimates of lamprey-induced mortality in whitefish, *Coregonus clupeaformis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2146–2150, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-256>.

**Youngs:1980:ELI**

- [257] William D. Youngs. Estimate of lamprey-induced mortality in a lake trout (*Salvelinus namaycush*) population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2151–2158, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-257>.

**Kitchell:1980:BMF**

- [258] James F. Kitchell and James E. Breck. Bioenergetics model and foraging hypothesis for sea lamprey (*Petromyzon marinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2159–2168, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-258>.

**Talhelm:1980:BCS**

- [259] Daniel R. Talhelm and Richard C. Bishop. Benefits and costs of sea lamprey (*Petromyzon marinus*) control in the Great Lakes: Some preliminary results. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2169–2174, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-259>.

**Lamsa:1980:SLP**

- [260] A. K. Lamsa, C. M. Rovainen, D. P. Kolenosky, and L. H. Hanson. Sea lamprey (*Petromyzon marinus*) control — where to from here? Report of the SLIS Control Theory Task Force. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2175–2192, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-260>.

**Lawrie:1980:IBS**

- [261] A. H. Lawrie. Interactions between sea lamprey (*Petromyzon marinus*) and their forage base. a report from the SUS stock effects task force. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2193–2196, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-261>.

**Maitland:1980:ALF**

- [262] P. S. Maitland. Assessment of lamprey and fish stocks in the Great Lakes in relation to control of the sea lamprey (*Petromyzon marinus*): Report from the SLIS Assessment Measurements Task Force. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2197–2201, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-262>.

**Walters:1980:SKU**

- [263] Carl J. Walters, George Spangler, W. J. Christie, Patrick J. Manion, and James F. Kitchell. A synthesis of knowns, unknowns, and policy recommendations from the Sea Lamprey International Symposium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2202–2208, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-263>.

**Anonymous:1980:SLI**

- [264] Anonymous. Sea Lamprey International Symposium (SLIS). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(11):2209–2214, November 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-264>.



**de la Noue:1980:DCT**

- [265] J. de la Nouë, G. Choubert, B. Pagniez, J.-M. Blanc, and P. Luquet. Digestibilité chez la truite arc-en-ciel (*Salmo gairdneri*) lors de l'adaptation à un nouveau régime alimentaire. (French) [Digestibility in rainbow trout (*Salmo gairdneri*) when adjusting to a new diet]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2218–2224, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-265>.

**Markiw:1980:MCT**

- [266] Maria E. Markiw and Ken Wolf. *Myxosoma cerebralis*: Trypsinization of plankton centrifuge harvests increases optical clarity and spore concentration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2225–2227, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-266>.

**Todd:1980:DCZ**

- [267] Thomas N. Todd and Gerald R. Smith. Differentiation in *Coregonus zenithicus* in Lake Superior. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2228–2235, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-267>.

**Paterson:1980:IIA**

- [268] W. D. Paterson, D. Douey, and D. Desautels. Isolation and identification of an atypical *Aeromonas salmonicida* strain causing epizootic losses among Atlantic salmon (*Salmo salar*) reared in a Nova Scotian hatchery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2236–2241, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-268>.

**Anderson:1980:SES**

- [269] J. T. Anderson and J. C. Roff. Seston ecology of the surface waters of Hudson Bay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2242–2253, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-269>.

**Lowry:1980:VDR**

- [270] Lloyd F. Lowry, Kathryn J. Frost, and John J. Burns. Variability in the diet of ringed seals, *Phoca hispida*, in Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2254–2261, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-270>.

**White:1980:RKA**

- [271] Alan W. White. Recurrence of kills of Atlantic herring (*Clupea harengus harengus*) caused by dinoflagellate toxins transferred through herbivorous zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2262–2265, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-271>.

**Gunderson:1980:URK**

- [272] Donald R. Gunderson. Using  $r$ - $K$  selection theory to predict natural mortality. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2266–2271, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-272>.

**Gavaris:1980:UMM**

- [273] Stratis Gavaris. Use of a multiplicative model to estimate catch rate and effort from commercial data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2272–2275, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-273>.

**Reno:1980:VEN**

- [274] Paul W. Reno and Bruce L. Nicholson. Viral erythrocytic necrosis (VEN) in Atlantic cod (*Gadus morhua*): In vitro studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2276–2281, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-274>.

**Yan:1980:CZC**

- [275] N. D. Yan and R. Strus. Crustacean zooplankton communities of acidic, metal-contaminated lakes near Sudbury, Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2282–2293, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-275>.

**Vinyard:1980:DPV**

- [276] Gary L. Vinyard. Differential prey vulnerability and predator selectivity: Effects of evasive prey on bluegill (*Lepomis macrochirus*) and pumpkinseed (*L. gibbosus*) predation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2294–2299, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-276>.

**Jackson:1980:DPP**

- [277] Togwell A. Jackson and Robert E. Hecky. Depression of primary productivity by humic matter in lake and reservoir waters of the boreal forest zone. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2300–2317, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-277>.

**Dobroski:1980:ABP**

- [278] C. J. Dobroski, Jr. and C. E. Epifanio. Accumulation of benzo[a]pyrene in a larval bivalve via trophic transfer. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2318–2322, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-278>.

**McKelvey:1980:SCM**

- [279] R. McKelvey, D. Hankin, K. Yanosko, and C. Snygg. Stable cycles in multistage recruitment models: an application to the Northern California Dungeness crab (*Cancer magister*) fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2323–2345, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-279>.

**Smith:1980:CTM**

- [280] S. J. Smith. Comparison of two methods of estimating the variance of the estimate of catch per unit effort. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2346–2351, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-280>.

**Sikstrom:1980:ORP**

- [281] C. B. Sikstrom. Origin of a relict population of *Salvelinus* in Bear Creek of the Alsek River Drainage, Yukon Territory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2352–2354, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-281>.

**Kennedy:1980:TLT**

- [282] L. A. Kennedy. Teratogenesis in lake trout (*Salvelinus namaycush*) in an experimentally acidified lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2355–2358, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-282>.

**Adler-Fenchel:1980:ADE**

- [283] Hilary S. Adler-Fenchel. Acoustically derived estimate of the size distribution for a sample of sperm whales (*Physeter catodon*) in the Western North Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2358–2361, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-283>.

**Jurasz:1980:PST**

- [284] V. P. Jurasz, D. McSweeney, and C. M. Jurasz. Possible sexing technique for humpback whales (*Megaptera novaeangliae*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2362–2364, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f80-284>.

**Anonymous:1980:LLb**

- [285] Anonymous. Letters/lettres. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2365, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-285>.

**Anonymous:1980:BRCh**

- [286] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 37(12):2366, December 1980. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f80-286>.

**Lin:1981:SVP**

- [287] C. Kwei Lin and Claire L. Schelske. Seasonal variation of potential nutrient limitation to chlorophyll production in Southern Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):1–9, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-001>.

**Godin:1981:DPF**

- [288] Jean-Guy J. Godin. Daily patterns of feeding behavior, daily rations, and diets of juvenile pink salmon (*Oncorhynchus gorbuscha*) in two marine bays of British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):10–15, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-002>.

**Jacobs:1981:MCG**

- [289] Dan Jacobs, Edward F. Esmond, Edward L. Melisky, and Charles H. Hocutt. Morphological changes in gill epithelia of heat-stressed rainbow trout, *Salmo gairdneri*: Evidence in support of a temperature-induced surface area change hypothesis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):16–22, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-003>.

**Pierson:1981:ECZ**

- [290] Keith B. Pierson. Effects of chronic zinc exposure on the growth, sexual maturity, reproduction, and bioaccumulation of the guppy, *Poecilia reticulata*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):23–31, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-004>.

**Kornfield:1981:GSA**

- [291] Irv Kornfield, Kenneth F. Beland, John R. Moring, and Frederick W. Kircheis. Genetic similarity among endemic Arctic char (*Salvelinus alpinus*) and implications for their management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):32–39, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-005>.

**Thomson:1981:DTF**

- [292] Richard E. Thomson and Liliane S. C. Kuwahara. Detecting temperature fine structure and mesoscale frontal regimes along Line P in the Northeastern Pacific Ocean. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):40–51, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-006>.

**Rao:1981:EBP**

- [293] D. V. Subba Rao. Effect of boron on primary production of nanoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):52–58, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-007>.

**Todd:1981:EGC**

- [294] Thomas N. Todd, Gerald R. Smith, and Louella E. Cable. Environmental and genetic contributions to morphological differentiation in ciscoes (*Coregoninae*) of the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):59–67, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-008>.

**Dahm:1981:PMR**

- [295] Clifford N. Dahm. Pathways and mechanisms for removal of dissolved organic carbon from leaf leachate in streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):68–76, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-009>.

**McLaren:1981:TDG**

- [296] I. A. McLaren and C. J. Corkett. Temperature-dependent growth and production by a marine copepod. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):77–83, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-010>.

**York:1981:PPF**

- [297] Anne E. York and James R. Hartley. Pup production following harvest of female northern fur seals. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):84–90, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-011>.

**O'Neill:1981:SEP**

- [298] R. V. O'Neill, R. H. Gardner, S. W. Christensen, W. Van Winkle, J. H. Carney, and J. B. Mankin. Some effects of parameter uncertainty in density-independent and density-dependent Leslie models for fish populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):91–100, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-012>.

**Harding:1981:IFD**

- [299] Gareth C. Harding, W. Peter Vass, and Ken F. Drinkwater. Importance of feeding, direct uptake from seawater, and transfer from generation to generation in the accumulation of an organochlorine (*p, p'*-DDT) by the marine planktonic copepod *Calanus finmarchicus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):101–119, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-013>.

**Zeitoun:1981:EFM**

- [300] Ibrahim H. Zeitoun, John A. Gulvas, and Doyle B. Roarabaugh. Effectiveness of fine mesh cylindrical wedge-wire screens in reducing entrainment of Lake Michigan ichthyoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):120–125, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-014>.

**Anonymous:1981:LCLa**

- [301] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):126–129, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-015>.

**Anonymous:1981:AAa**

- [302] Anonymous. Announcements/avis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(1):130, January 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-016>.

**Michibata:1981:LFAa**

- [303] Hitoshi Michibata and Reiji Hori. Labeling fish with an activable element. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):133–136, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-017>.

**Murphy:1981:VEC**

- [304] Michael L. Murphy and James D. Hall. Vaired effects of clear-cut logging on predators and their habitat in small streams of the Cascade Mountains, Oregon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):137–145, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-018>.

**Pyle:1981:DHS**

- [305] Stephen W. Pyle and Emmett B. Shotts, Jr. DNA homology studies of selected flexibacteria associated with fish disease. *Canadian Jour-*



*nal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):146–151, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-019>.

**Hurst:1981:PIS**

- [306] John W. Hurst and Clarice M. Yentsch. Patterns of intoxication of shellfish in the Gulf of Maine coastal waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):152–156, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-020>.

**Gardner:1981:ICN**

- [307] Wayne S. Gardner and Warren H. Miller III. Intracellular composition and net release rates of free amino acids in *Daphnia magna*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):157–162, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-021>.

**Somerton:1981:RVS**

- [308] David A. Somerton. Regional variation in the size of maturity of two species of Tanner crab (*Chionoecetes bairdi* and *C. opilio*) in the Eastern Bering Sea, and its use in defining management subareas. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):163–174, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-022>.

**Jones:1981:CPA**

- [309] P. D. Jones and W. T. Momot. Crayfish productivity, allochthony, and basin morphometry. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):175–183, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-023>.

**Allan:1981:DDB**

- [310] J. David Allan. Determinants of diet of brook trout (*Salvelinus fontinalis*) in a mountain stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):184–192, February 1981. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-024>.

**Whyte:1981:CCF**

- [311] J. N. C. Whyte, J. R. Englar, and P. E. Borgmann. Compositional changes on freshwater leaching of the marine algae *Nereocystis luetkeana* and *Macrocystis integrifolia*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):193–198, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-025>.

**Sharom:1981:ADP**

- [312] M. S. Sharom and K. R. Solomon. Adsorption and desorption of permethrin and other pesticides on glass and plastic materials used in bioassay procedures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):199–204, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-026>.

**Brown:1981:ACS**

- [313] Lewis M. Brown, Barry T. Hargrave, and Michael D. MacKinnon. Analysis of chlorophyll *a* in sediments by high-pressure liquid chromatography. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):205–214, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-027>.

**Frank:1981:WRE**

- [314] Kenneth T. Frank and William C. Leggett. Wind regulation of emergence times and early larval survival in capelin (*Mallotus villosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):215–223, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-028>.

**Nalewajko:1981:PKL**

- [315] C. Nalewajko, K. Lee, and H. Shear. Phosphorus kinetics in Lake Superior: Light intensity and phosphate uptake in algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):224–232, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-029>.

**Bernard:1981:MAM**

- [316] David R. Bernard. Multivariate analysis as a means of comparing growth in fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):233–236, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-030>.

**DeMaster:1981:EAA**

- [317] Douglas P. DeMaster. Estimating the average age of first birth in marine mammals. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):237–239, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-031>.

**Mann:1981:CSD**

- [318] G. J. Mann and P. J. McCart. Comparison of sympatric dwarf and normal populations of least cisco (*Coregonus sardinella*) inhabiting Trout Lake, Yukon Territory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):240–244, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-032>.

**Whoriskey:1981:STS**

- [319] Frederick G. Whoriskey, Jr., Robert J. Naiman, and Peter H. Heiermann. Steelhead trout (*Salmo gairdneri*) on the North Shore of the Gulf of St. Lawrence, near Sept-Îles, Québec. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):245–246, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-033>.

**Jensen:1981:AAC**

- [320] John Willas Jensen. Anadromous Arctic char, *Salvelinus alpinus*, penetrating southward on the Norwegian Coast. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):247–249, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-034>.

**Niimi:1981:GGE**

- [321] A. J. Niimi. Gross growth efficiency of fish ( $K_1$ ) based on field observations of annual growth and kinetics of persistent environmental contaminants. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):250–253, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-035>.

**Anonymous:1981:CRP**

- [322] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(2):254, February 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-036>.

**Vesin:1981:FEC**

- [323] J-P. Vesin, W. C. Leggett, and K. W. Able. Feeding ecology of capelin (*Mallotus villosus*) in the estuary and Western Gulf of St. Lawrence and its multispecies implications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):257–267, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-037>.

**Derby:1981:IDM**

- [324] Charles D. Derby and Jelle Atema. Influence of drilling muds on the primary chemosensory neurons in walking legs of the lobster, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):268–274, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-038>.

**Wong:1981:PFB**

- [325] C. Kim Wong. Predatory feeding behavior of *Epischura lacustris* (Copepoda, Calanoida) and prey defense. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):275–279, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-039>.

**Thomann:1981:EMF**

- [326] Robert V. Thomann. Equilibrium model of fate of microcontaminants in diverse aquatic food chains. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):280–296, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-040>.

**Clark:1981:RLS**

- [327] W. G. Clark. Restricted least-squares estimates of age composition from length composition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):297–307, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-041>.

**Riddell:1981:EAB**

- [328] Brian E. Riddell and William C. Leggett. Evidence of an adaptive basis for geographic variation in body morphology and time of downstream migration of juvenile Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):308–320, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-042>.

**Riddell:1981:EAP**

- [329] Brian E. Riddell, William C. Leggett, and Richard L. Saunders. Evidence of adaptive polygenic variation between two populations of Atlantic salmon (*Salmo salar*) native to tributaries of the S. W. Miramichi River, N.B. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):321–333, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-043>.

**Lindsey:1981:MRV**

- [330] C. C. Lindsey and A. N. Arnason. A model for responses of vertebral numbers in fish to environmental influences during development. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):334–347, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-044>.

**Northcote:1981:DRW**

- [331] T. G. Northcote and B. W. Kelso. Differential response to water current by two homozygous LDH phenotypes of young rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):348–352, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-045>.

**Haefner:1981:SAI**

- [332] John D. Haefner and J. Bruce Wallace. Shifts in aquatic insect populations in a first-order Southern Appalachian stream following a decade of old field succession. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):353–359, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-046>.

**Buchanan:1981:NSP**

- [333] David V. Buchanan, Robert M. Hooton, and John R. Moring. Northern squawfish (*Ptychocheilus oregonensis*) predation on juvenile salmonids in sections of the Willamette River Basin, Oregon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):360–364, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-047>.

**DeMaster:1981:DIW**

- [334] Douglas P. DeMaster, James B. Faro, James A. Estes, James Taggart, and Cindy Zabel. Drug immobilization of walrus (*Odobenus rosmarus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):365–367, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-048>.

**Yu:1981:UBT**

- [335] T. C. Yu and R. O. Sinnhuber. Use of beef tallow as an energy source in Coho salmon (*Oncorhynchus kisutch*) rations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):367–370, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-049>.

**Brethes:1981:EPC**

- [336] Jean-Claude F. Brêthes and Gaston Desrosiers. Estimation of potential catches of an unexploited stock of soft-shell clam (*Mya arenaria*) from length composition data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):371–374, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-050>.

**Anonymous:1981:LCLb**

- [337] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):375–376, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-051>.

**Anonymous:1981:BRCa**

- [338] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(3):377–378, March 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-052>.

**Haegele:1981:DED**

- [339] C. W. Haegele, R. D. Humphreys, and A. S. Hourston. Distribution of eggs by depth and vegetation type in Pacific herring (*Clupea harengus pallasii*) spawnings in Southern British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):381–386, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-053>.

**Russo:1981:ATN**

- [340] Rosemarie C. Russo, Robert V. Thurston, and Kenneth Emerson. Acute toxicity of nitrite to rainbow trout (*Salmo gairdneri*): Effects of pH, nitrite species, and anion species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):387–393, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-054>.

**McCaughran:1981:EGP**

- [341] Donald A. McCaughran. Estimating growth parameters for Pacific halibut from mark–recapture data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):394–398, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-055>.

**Brett:1981:ORG**

- [342] J. R. Brett and J. M. Blackburn. Oxygen requirements for growth of young Coho (*Oncorhynchus kisutch*) and sockeye (*O. nerka*) salmon at 15 °C. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):399–404, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-056>.

**Idler:1981:DSM**

- [343] D. R. Idler, S. J. Hwang, L. W. Crim, and D. Reddin. Determination of sexual maturation stages of Atlantic salmon (*Salmo salar*) captured at sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):405–413, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-057>.

**Canfield:1981:PTP**

- [344] Daniel E. Canfield, Jr. and Roger W. Bachmann. Prediction of total phosphorus concentrations, chlorophyll *a*, and secchi depths in natural and artificial lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):414–423, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-058>.

**Majkowski:1981:AMA**

- [345] Jacek Majkowski. Application of a multispecies approach for assessing the population abundance and the age–structure of fish stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):424–431, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-059>.



**Berst:1981:RBH**

- [346] Alfred H. Berst, Alan R. Emery, and George R. Spangler. Reproductive behavior of hybrid charr (*Salvelinus fontinalis* × *S. namaycush*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):432–440, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-060>.

**Evans:1981:DZP**

- [347] Marlene S. Evans. Distribution of zooplankton populations within and adjacent to a thermal plume. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):441–448, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-061>.

**Horner:1981:SPD**

- [348] R. R. Horner and E. B. Welch. Stream periphyton development in relation to current velocity and nutrients. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):449–457, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-062>.

**McCauley:1981:ERB**

- [349] Edward McCauley and Jaap Kalf. Empirical relationships between phytoplankton and zooplankton biomass in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):458–463, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-063>.

**Lewis:1981:IMD**

- [350] D. H. Lewis. Immunoenzyme microscopy for differentiating among systemic bacterial pathogens of fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):463–466, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-064>.

**McAllister:1981:CFM**

- [351] Don E. McAllister and R. Jon Planck. Capturing fish measurements and counts with calipers and probe interfaced with a computer or pocket

calculator. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):466–470, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-065>.

**Scarnecchia:1981:ESU**

- [352] Dennis L. Scarnecchia. Effects of streamflow and upwelling on yield of wild Coho salmon (*Oncorhynchus kisutch*) in Oregon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):471–475, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-066>.

**Schwinghamer:1981:ELM**

- [353] Peter Schwinghamer. Extraction of living meiofauna from marine sediments by centrifugation in a silica Sol — sorbitol mixture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):476–478, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-067>.

**Anonymous:1981:BRCb**

- [354] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):479–480, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-068>.

**Anonymous:1981:AAAb**

- [355] Anonymous. Announcements/avis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(4):483, April 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-069>.

**Daniels:1981:LTE**

- [356] Richard E. Daniels and J. David Allan. Life table evaluation of chronic exposure to a pesticide. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):485–494, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-070>.

**Bowen:1981:TCR**

- [357] W. Don Bowen, Charles K. Capstick, and David E. Sergeant. Temporal changes in the reproductive potential of female harp seals (*Pagophilus groenlandicus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):495–503, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-071>.

**Vanderploeg:1981:SPS**

- [358] H. A. Vanderploeg. Seasonal particle-size selection by *Diaptomus sicilis* in offshore Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):504–517, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-072>.

**Wrench:1981:RMI**

- [359] J. J. Wrench and R. F. Addison. Reduction, methylation, and incorporation of arsenic into lipids by the marine phytoplankton *Dunaliella tertiolecta*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):518–523, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-073>.

**LaZerte:1981:PLP**

- [360] Bruce D. LaZerte and Susan Watson. The prediction of lacustrine phytoplankton diversity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):524–534, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-074>.

**Mayzaud:1981:KPD**

- [361] P. Mayzaud and O. Mayzaud. Kinetic properties of digestive carbohydrases and proteases of zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):535–543, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-075>.

**MacLellan:1981:DEF**

- [362] Patricia MacLellan, G. E. (Buck) Newsome, and Peter A. Dill. Discrimination by external features between alewife (*Alosa pseudoharengus*) and blueback herring (*A. aestivalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):544–546, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-076>.

**Mitchum:1981:TBK**

- [363] Douglas L. Mitchum and Loris E. Sherman. Transmission of bacterial kidney disease from wild to stocked hatchery trout. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):547–551, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-077>.

**Beland:1981:ESS**

- [364] Kenneth F. Beland, Franklin L. Roberts, and Richard L. Saunders. Evidence of *Salmo salar* × *Salmo trutta* hybridization in a North American river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):552–554, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-078>.

**Martin:1981:STR**

- [365] Roy M. Martin, William R. Heard, and Alex C. Wertheimer. Short-term rearing of pink salmon (*Oncorhynchus gorbuscha*) fry: Effect on survival and biomass of returning adults. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):554–558, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-079>.

**Copes:1981:RFA**

- [366] Parzival Copes and Jack L. Knetsch. Recreational fisheries analysis: Management modes and benefit implications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):559–570, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-080>.

**Johnson:1981:TOE**

- [367] Lionel Johnson. The thermodynamic origin of ecosystems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):571–590, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-081>.

**Rosenberg:1981:RTE**

- [368] David M. Rosenberg, Vincent H. Resh, Steven S. Balling, Mark A. Barnby, Joshua N. Collins, David V. Durbin, Thomas S. Flynn, David D. Hart, Gary A. Lamberti, Eric P. McElravy, John R. Wood, Ted E. Blank, David M. Schultz, Donn L. Marrin, and Donald G. Price. Recent trends in environmental impact assessment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(5):591–624, May 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-082>.

**VanWinkle:1981:AAD**

- [369] W. Van Winkle, D. S. Vaughan, L. W. Barnthouse, and B. L. Kirk. An analysis of the ability to detect reductions in year-class strength of the Hudson River white perch (*Morone americana*) population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):627–632, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-083>.

**Banse:1981:SCM**

- [370] Karl Banse. On some cossuridae and maldanidae (polychaeta) from Washington and British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):633–637, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-084>.

**Therriault:1981:ECP**

- [371] Jean-Claude Therriault and Trevor Platt. Environmental control of phytoplankton patchiness. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):638–641, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-085>.

**Turk:1981:ESI**

- [372] Ted R. Turk and Michael J. Risk. Effect of sedimentation on infaunal invertebrate populations of Cobequid Bay, Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):642–648, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-086>.

**Iwama:1981:SGM**

- [373] George K. Iwama and Arthur F. Tautz. A simple growth model for salmonids in hatcheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):649–656, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-087>.

**Jensen:1981:OSL**

- [374] A. L. Jensen. Optimum size limits for trout fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):657–661, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-088>.

**Crowder:1981:CUF**

- [375] Larry B. Crowder, John J. Magnuson, and Stephen B. Brandt. Complementarity in the use of food and thermal habitat by Lake Michigan fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):662–668, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-089>.

**Fairbairn:1981:BGA**

- [376] Daphne J. Fairbairn. Biochemical genetic analysis of population differentiation in Greenland halibut (*Reinhardtius hippoglossoides*) from the Northwest Atlantic, Gulf of St. Lawrence, and Bering Sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):669–677, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-090>.

**Walters:1981:OEF**

- [377] Carl J. Walters. Optimum escapements in the face of alternative recruitment hypotheses. *Canadian Journal of Fisheries and Aquatic Sciences =*

*Journal canadien des sciences halieutiques et aquatiques*, 38(6):678–689, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-091>.

**Smith:1981:AMS**

- [378] A. D. M. Smith and Carl J. Walters. Adaptive management of stock–recruitment systems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):690–703, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-092>.

**Walters:1981:EME**

- [379] Carl J. Walters and Donald Ludwig. Effects of measurement errors on the assessment of stock–recruitment relationships. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):704–710, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-093>.

**Ludwig:1981:MEU**

- [380] Donald Ludwig and Carl J. Walters. Measurement errors and uncertainty in parameter estimates for stock and recruitment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):711–720, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-094>.

**Stemberger:1981:GAC**

- [381] Richard S. Stemberger. A general approach to the culture of planktonic rotifers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):721–724, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-095>.

**Nagy:1981:SRC**

- [382] A. Nagy, M. Bercsényi, and V. Csányi. Sex reversal in carp (*Cyprinus carpio*) by oral administration of methyltestosterone. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):725–728, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-096>.

**Anonymous:1981:LCLc**

- [383] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):729–730, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-097>.

**Anonymous:1981:BRCc**

- [384] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):731–733, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-098>.

**Anonymous:1981:AAc**

- [385] Anonymous. Announcements/avis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(6):735–736, June 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-099>.

**McKague:1981:STC**

- [386] A. B. McKague. Some toxic constituents of chlorination-stage effluents from bleached kraft pulp Mills. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):739–743, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-100>.

**Lapi:1981:SSI**

- [387] Louis A. Lapi and T. J. Mulligan. Salmon stock identification using a microanalytic technique to measure elements present in the freshwater growth region of scales. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):744–751, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-101>.

**Hall:1981:COC**

- [388] Lenwood W. Hall, Jr., Dennis T. Burton, and Leonard B. Richardson. Comparison of ozone and chlorine toxicity to the developmental stages of striped bass, *Morone saxatilis*. *Canadian Journal of Fisheries*



and Aquatic Sciences = *Journal canadien des sciences halieutiques et aquatiques*, 38(7):752–757, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-102>.

**Zaugg:1981:APW**

- [389] W. S. Zaugg. Advanced photoperiod and water temperature effects on gill  $\text{Na}^+$ – $\text{K}^+$  adenosine triphosphatase activity and migration of juvenile steelhead (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):758–764, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-103>.

**Williams:1981:FDP**

- [390] D. Dudley Williams. The first diets of postemergent brook trout (*Salvelinus fontinalis*) and Atlantic salmon (*Salmo salar*) alevins in a Quebec river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):765–771, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-104>.

**Maynard:1981:ARJ**

- [391] Desmond J. Maynard and Douglas D. Weber. Avoidance reactions of juvenile Coho salmon (*Oncorhynchus kisutch*) to monocyclic aromatics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):772–778, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-105>.

**Weber:1981:ARM**

- [392] Douglas D. Weber, Desmond J. Maynard, William D. Gronlund, and Vyacheslav Konchin. Avoidance reactions of migrating adult salmon to petroleum hydrocarbons. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):779–781, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-106>.

**Fairbairn:1981:WWW**

- [393] D. J. Fairbairn. Which witch is which? A study of the stock structure of witch flounder (*Glyptocephalus cynoglossus*) in the Newfoundland region. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien*

*des sciences halieutiques et aquatiques*, 38(7):782–794, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-107>.

**Glebe:1981:TIP**

- [394] B. D. Glebe and W. C. Leggett. Temporal, intra-population differences in energy allocation and use by American shad (*Alosa sapidissima*) during the spawning migration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):795–805, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-108>.

**Glebe:1981:LDE**

- [395] B. D. Glebe and W. C. Leggett. Latitudinal differences in energy allocation and use during the freshwater migrations of American shad (*Alosa sapidissima*) and their life history consequences. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):806–820, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-109>.

**McAllister:1981:DWE**

- [396] Don E. McAllister, M. Eric Anderson, and J. G. Hunter. Deep-water eelpouts, Zoarcidae, from Arctic Canada and Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):821–839, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-110>.

**Winters:1981:GPS**

- [397] G. H. Winters. Growth patterns in sand lance, *Ammodytes dubius*, from the Grand Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):841–846, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-111>.

**Getz:1981:PTM**

- [398] Wayne M. Getz and Gordon L. Swartzman. A probability transition matrix model for yield estimation in fisheries with highly variable recruitment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):847–855, July

1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-112>.

**Musial:1981:HPD**

- [399] Charles J. Musial, John F. Uthe, Gary R. Sirota, B. Garth Burns, Michael W. Gilgan, Vladimir Zitko, and R. Alexander Matheson. Di-n-hexyl phthalate (DHP), a newly identified contaminant in Atlantic herring (*Clupea harengus harengus*) and Atlantic mackerel (*Scomber scombrus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):856–859, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-113>.

**Newbold:1981:MNS**

- [400] J. Denis Newbold, Jerry W. Elwood, Robert V. O'Neill, and Webster Van Winkle. Measuring nutrient spiralling in streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):860–863, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-114>.

**Trick:1981:ESM**

- [401] Charles G. Trick, Paul J. Harrison, and Raymond J. Andersen. Extracellular secondary metabolite production by the marine dinoflagellate *Prorocentrum minimum* in culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):864–867, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-115>.

**Anonymous:1981:BRCD**

- [402] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):868–870, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-116>.

**Anonymous:1981:AAAd**

- [403] Anonymous. Announcements/avis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(7):871, July 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-117>.

**Ni:1981:NCS**

- [404] I-H. Ni. Numerical classification of sharp-beaked redfishes, *Sebastes mentella* and *S. fasciatus*, from Northeastern Grand Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):873–879, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-118>.

**Dixon:1981:ACR**

- [405] D. George Dixon and John B. Sprague. Acclimation to copper by rainbow trout (*Salmo gairdneri*) — a modifying factor in toxicity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):880–888, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-119>.

**Tarapchak:1981:AVB**

- [406] Stephen J. Tarapchak, David R. Slavens, and Lisa M. Maloney. Abiotic versus biotic uptake of radiophosphorus in lake water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):889–895, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-120>.

**Mittelbach:1981:PIS**

- [407] Gary G. Mittelbach. Patterns of invertebrate size and abundance in aquatic habitats. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):896–904, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-121>.

**Marsot:1981:CDE**

- [408] Pierre Marsot, Réal Fournier, and Claude Blais. Culture à dialyse: emploi de fibres creuses dialysantes pour la culture massive de phytoplancton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):905–911, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-122>.

**Vanderploeg:1981:EAL**

- [409] H. A. Vanderploeg. Effect of the algal length/aperture length ratio on Coulter analyses of Lake Seston. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):912–916, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-123>.

**Part:1981:UCP**

- [410] P. Pärt and O. Svanberg. Uptake of cadmium in perfused rainbow trout (*Salmo gairdneri*) gills. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):917–924, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-124>.

**Noga:1981:EWC**

- [411] Edward J. Noga and James X. Hartmann. Establishment of walking catfish (*Clarias batrachus*) cell lines and development of a channel catfish (*Ictalurus punctatus*) virus vaccine. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):925–930, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-125>.

**Skaar:1981:FKM**

- [412] Donald R. Skaar, B. Thomas Johnson, John R. Jones, and James N. Huckins. Fate of Kepone and mirex in a model aquatic environment: Sediment, fish, and diet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):931–938, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-126>.

**Busack:1981:IHP**

- [413] Craig A. Busack and G. A. E. Gall. Introgressive hybridization in populations of Paiute cutthroat trout (*Salmo clarki seleniris*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):939–951, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-127>.

**Batterman:1981:DMF**

- [414] Allan R. Batterman and Philip M. Cook. Determination of mineral fiber concentrations in fish tissues. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38

(8):952–959, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-128>.

**Watson:1981:RBN**

- [415] Susan Watson and Jaap Kalff. Relationships between nannoplankton and lake trophic status. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):960–967, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-129>.

**Roff:1981:RUE**

- [416] Derek A. Roff. Reproductive uncertainty and the evolution of iteroparity: Why don't flatfish put all their eggs in one basket? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):968–977, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-130>.

**Gardner:1981:RPC**

- [417] Wayne S. Gardner, Thomas F. Nalepa, Michael A. Quigley, and John M. Malczyk. Release of phosphorus by certain benthic invertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):978–981, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-131>.

**Beamish:1981:MCP**

- [418] R. J. Beamish and D. A. Fournier. A method for comparing the precision of a set of age determinations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):982–983, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-132>.

**Thurston:1981:ITA**

- [419] Robert V. Thurston, Glenn R. Phillips, Rosemarie C. Russo, and Susan M. Hinkins. Increased toxicity of ammonia to rainbow trout (*Salmo gairdneri*) resulting from reduced concentrations of dissolved oxygen. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):983–988, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-133>.

**Morgan:1981:ALH**

- [420] Mark D. Morgan. Abundance, life history, and growth of introduced populations of the opossum shrimp (*Mysis relicta*) in subalpine California lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):989–993, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-134>.

**Nusbaum:1981:ASA**

- [421] Kenneth E. Nusbaum and Emmett B. Shotts, Jr. Absorption of selected antimicrobial drugs from water by channel catfish, *Ictalurus punctatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):993–996, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-135>.

**Margolis:1981:APM**

- [422] L. Margolis, T. E. McDonald, and G. E. Hoskins. Absence of the protozoan *Myxosoma cerebralis* (Myxozoa: Myxosporea), the cause of whirling disease, in a survey of salmonids from British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):996–998, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-136>.

**Borgmann:1981:DFM**

- [423] Uwe Borgmann. Determination of free metal ion concentrations using bioassays. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):999–1002, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-137>.

**Roff:1981:EPR**

- [424] Derek A. Roff. On estimating partial recruitment in virtual population analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):1003–1005, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-138>.

**Anonymous:1981:BRCe**

- [425] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(8):1006–1015, August 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-139>.

**Wildish:1981:MES**

- [426] D. J. Wildish and D. Peer. Methods for estimating secondary production in marine amphipoda. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1019–1026, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-140>.

**Nalepa:1981:SMS**

- [427] Thomas F. Nalepa and Andrew Robertson. Screen mesh size affects estimates of macro- and meio-benthos abundance and biomass in the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1027–1034, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-141>.

**Murphy:1981:AVH**

- [428] T. P. Murphy and B. G. Brownlee. Ammonia volatilization in a hypertrophic prairie lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1035–1039, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-142>.

**Murphy:1981:BGA**

- [429] T. P. Murphy and B. G. Brownlee. Blue-green algal ammonia uptake in hypertrophic prairie lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1040–1044, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-143>.

**Watkins:1981:PVA**

- [430] W. D. Watkins, R. E. Wolke, and V. J. Cabelli. Pathogenicity of *Vibrio anguillarum* for juvenile winter flounder, *Pseudopleuronectes amer-*



*icanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1045–1051, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-144>.

**Schlesinger:1981:SGR**

- [431] D. A. Schlesinger, L. A. Molot, and B. J. Shuter. Specific growth rates of freshwater algae in relation to cell size and light intensity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1052–1058, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-145>.

**Strong:1981:VCB**

- [432] Carol R. Strong and Samuel N. Luoma. Variations in the correlation of body size with concentrations of Cu and Ag in the bivalve *Macoma balthica*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1059–1064, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-146>.

**Herman:1981:VHD**

- [433] Alex W. Herman, Douglas D. Sameoto, and Alan R. Longhurst. Vertical and horizontal distribution patterns of copepods near the shelf break south of Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1065–1076, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-147>.

**Arnason:1981:BLP**

- [434] A. N. Arnason and K. H. Mills. Bias and loss of precision due to tag loss in Jolly–Seber estimates for mark–recapture experiments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1077–1095, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-148>.

**Orr:1981:RAD**

- [435] Marshall H. Orr. Remote acoustic detection of zooplankton response to field processes, oceanographic instrumentation, and predators. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1096–1105, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-149>.

**Tomasso:1981:PCD**

- [436] J. R. Tomasso, Kenneth B. Davis, and Bill A. Simco. Plasma corticosteroid dynamics in channel catfish (*Ictalurus punctatus*) exposed to ammonia and nitrite. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1106–1112, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-150>.

**Peterman:1981:FRV**

- [437] Randall M. Peterman. Form of random variation in salmon smolt-to-adult relations and its influence on production estimates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1113–1119, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-151>.

**Doyle:1981:DEA**

- [438] R. W. Doyle and W. Hunte. Demography of an estuarine amphipod (*Gammarus lawrencianus*) experimentally selected for high “r”: a model of the genetic effects of environmental change. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1120–1127, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-152>.

**Schnute:1981:VGM**

- [439] Jon Schnute. A versatile growth model with statistically stable parameters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1128–1140, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-153>.

**Kimura:1981:VLI**

- [440] Daniel K. Kimura and Norman A. Lemberg. Variability of line intercept density estimates (a simulation study of the variance of hydroacoustic biomass estimates). *Canadian Journal of Fisheries and Aquatic Sciences*

= *Journal canadien des sciences halieutiques et aquatiques*, 38(9):1141–1152, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-154>.

**Bugden:1981:SHB**

- [441] G. L. Bugden. Salt and heat budgets for the Gulf of St. Lawrence. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1153–1167, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-155>.

**Welch:1981:MFS**

- [442] Harold E. Welch and Kenneth H. Mills. Marking fish by scarring soft fin rays. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1168–1170, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-156>.

**Anonymous:1981:BRCf**

- [443] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(9):1171, September 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-157>.

**Hughes:1981:SAL**

- [444] Steven E. Hughes and Neil Bourne. Stock assessment and life history of a newly discovered Alaska surf clam (*Spisula polynyma*) resource in the Southeastern Bering Sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1173–1181, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-158>.

**Koss:1981:HLR**

- [445] Ted F. Koss and Arthur H. Houston. Hemoglobin levels and red cell ionic composition in goldfish (*Carassius auratus*) exposed to constant and diurnally cycling temperatures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1182–1188, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-159>.

**Johnston:1981:PST**

- [446] C. E. Johnston and R. L. Saunders. Parr–smolt transformation of yearling Atlantic salmon (*Salmo salar*) at several rearing temperatures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1189–1198, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-160>.

**Majkowski:1981:PEF**

- [447] Jacek Majkowski and Kenneth G. Waiwood. A procedure for evaluating the food biomass consumed by a fish population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1199–1208, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-161>.

**Marshall:1981:SSC**

- [448] J. S. Marshall, J. I. Parker, D. L. Mellinger, and S. G. Lawrence. An in situ study of cadmium and mercury stress in the plankton community of Lake 382, Experimental Lakes Area, Northwestern Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1209–1214, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-162>.

**White:1981:OFL**

- [449] E. White, G. Payne, S. Pickmere, and F. R. Pick. Orthophosphate and its flux in Lake Waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1215–1219, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-163>.

**Fausch:1981:CBB**

- [450] Kurt D. Fausch and Ray J. White. Competition between brook trout (*Salvelinus fontinalis*) and brown trout (*Salmo trutta*) for positions in a Michigan stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1220–1227, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-164>.

**Nilsson:1981:RTS**

- [451] Nils-Arvid Nilsson and Thomas G. Northcote. Rainbow trout (*Salmo gairdneri*) and cutthroat trout (*S. clarki*) interactions in coastal British Columbia lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1228–1246, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-165>.

**Stocker:1981:STF**

- [452] Max Stocker and Ray Hilborn. Short-term forecasting in marine fish stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1247–1254, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-166>.

**Schwinghamer:1981:CSD**

- [453] Peter Schwinghamer. Characteristic size distributions of integral benthic communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1255–1263, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-167>.

**Luecke:1981:PLV**

- [454] Chris Luecke and W. John O'Brien. Prey location volume of a planktivorous fish: a new measure of prey vulnerability. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1264–1270, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-168>.

**Reice:1981:IAW**

- [455] Seth R. Reice. Interspecific associations in a woodland stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1271–1280, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-169>.

**Michibata:1981:LFAb**

- [456] Hitoshi Michibata. Labeling fish with an activable element through their diet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal*

*canadien des sciences halieutiques et aquatiques*, 38(10):1281–1282, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-170>.

**Eales:1981:EEL**

- [457] J. G. Eales. Extrathyroidal effects of low concentrations of thiourea on rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1283–1285, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-171>.

**Hanson:1981:SSL**

- [458] Lee H. Hanson. Sterilization of sea lampreys (*Petromyzon marinus*) by immersion in an aqueous solution of bisazir. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1285–1289, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-172>.

**Bienfang:1981:STS**

- [459] Paul K. Bienfang. SETCOL — a technologically simple and reliable method for measuring phytoplankton sinking rates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1289–1294, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-173>.

**Anonymous:1981:LCLd**

- [460] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1295–1300, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-174>.

**Anonymous:1981:BRcg**

- [461] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(10):1301–1304, October 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-175>.

**Rodgers:1981:UWM**

- [462] D. W. Rodgers and F. W. H. Beamish. Uptake of waterborne methylmercury by rainbow trout (*Salmo gairdneri*) in relation to oxygen consumption and methylmercury concentration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1309–1315, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-176>.

**Taylor:1981:REP**

- [463] W. D. Taylor and D. R. S. Lean. Radiotracer experiments on phosphorus uptake and release by limnetic microzooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1316–1321, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-177>.

**Cipriano:1981:ASR**

- [464] Rocco C. Cipriano, Billy R. Griffin, and Burton C. Lidgerding. *Aeromonas salmonicida*: Relationship between extracellular growth products and isolate virulence. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1322–1326, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-178>.

**Frank:1981:PED**

- [465] Kenneth T. Frank and William C. Leggett. Prediction of egg development and mortality rates in capelin (*Mallotus viliosus*) from meteorological, hydrographic, and biological factors. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1327–1338, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-179>.

**Wharton:1981:RBD**

- [466] W. G. Wharton and K. H. Mann. Relationship between destructive grazing by the sea urchin, *Strongylocentrotus droebachiensis*, and the abundance of American lobster, *Homarus americanus*, on the Atlantic Coast of Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1339–1349, November 1981. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-180>.

**Niimi:1981:EHH**

- [467] A. J. Niimi and C. Y. Cho. Elimination of hexachlorobenzene (HCB) by rainbow trout (*Salmo gairdneri*), and an examination of its kinetics in Lake Ontario salmonids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1350–1356, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-181>.

**Neill:1981:DRJ**

- [468] William E. Neill. Developmental responses of juvenile *Daphnia rosea* to experimental alteration of temperature and natural seston concentration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1357–1362, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-182>.

**Gore:1981:PMB**

- [469] James A. Gore and Robert D. Judy, Jr. Predictive models of benthic macroinvertebrate density for use in instream flow studies and regulated flow management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1363–1370, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-183>.

**Hudon:1981:ICA**

- [470] Christiane Hudon and Edwin Bourget. Initial colonization of artificial substrate: Community development and structure studied by scanning electron microscopy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1371–1384, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-184>.

**Legendre:1981:PCP**

- [471] L. Legendre, R. G. Ingram, and M. Poulin. Physical control of phytoplankton production under sea ice (Manitounuk Sound, Hudson Bay). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1385–1392, November



1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-185>.

**Agnello:1981:PRM**

- [472] R. J. Agnello and L. G. Anderson. Production responses for multi-species fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1393–1404, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-186>.

**Helfman:1981:TAT**

- [473] Gene S. Helfman. Twilight activities and temporal structure in a freshwater fish community. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1405–1420, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-187>.

**Smith:1981:EPL**

- [474] Ralph E. H. Smith and Jaap Kalff. The effect of phosphorus limitation on algal growth rates: Evidence from alkaline phosphatase. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1421–1427, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-188>.

**Roff:1981:SCZ**

- [475] J. C. Roff, W. G. Sprules, J. C. H. Carter, and M. J. Dadswell. The structure of crustacean zooplankton communities in glaciated Eastern North America. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1428–1437, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-189>.

**Coyle:1981:LJS**

- [476] Kenneth O. Coyle and George J. Mueller. Larval and juvenile stages of the isopod *Holophryxus alaskensis* (Epicarida, Dajidae) parasitic on decapods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1438–1443, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-190>.

**Brusven:1981:ISC**

- [477] M. A. Brusven and S. T. Rose. Influence of substrate composition and suspended sediment on insect predation by the torrent sculpin, *Cottus rhotheus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1444–1448, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-191>.

**Poirier:1981:DTD**

- [478] Louis Poirier and Daniel Cossa. Distribution tissulaire du cadmium chez *Meganyctiphanes norvegica* (Euphausiacée): état naturel et accumulation expérimentale de formes solubles. (French) [Tissue distribution of cadmium in *Meganyctiphanes norvegica* (Euphausia): natural state and experimental accumulation of soluble forms]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(11):1449–1453, November 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-192>.

**Anonymous:1981:SCI**

- [479] Anonymous. Stock Concept International Symposium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12), December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-193>.

**Berst:1981:IPS**

- [480] Alfred H. Berst and Raymond C. Simon. Introduction to the Proceedings of the 1980 Stock Concept International Symposium (STOCS). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1457–1458, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-194>.

**Harlan:1981:WC**

- [481] Jack R. Harlan. Who's in charge? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1459–1463, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-195>.

**Loftus:1981:WWN**

- [482] K. H. Loftus. Where are we now? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1464–1465, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f81-196>.

**Borgeson:1981:CMG**

- [483] David P. Borgeson. Changing management of Great Lakes fish stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1466–1468, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f81-197>.

**Larkin:1981:PPG**

- [484] P. A. Larkin. A perspective on population genetics and salmon management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1469–1475, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f81-198>.

**Kutkuhn:1981:SDN**

- [485] Joseph H. Kutkuhn. Stock definition as a necessary basis for cooperative management of Great Lakes fish resources. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1476–1478, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f81-199>.

**Booke:1981:CSC**

- [486] Henry E. Booke. The conundrum of the stock concept — are nature and nurture definable in fishery science? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1479–1480, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f81-200>.

**Horrall:1981:BSI**

- [487] Ross M. Horrall. Behavioral stock-isolating mechanisms in Great Lakes fishes with special reference to homing and site imprinting. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1481–1496, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-201>.

**Lindsey:1981:SCP**

- [488] C. C. Lindsey. Stocks are chameleons: Plasticity in gill rakers of coregonid fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1497–1506, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-202>.

**Allendorf:1981:UAF**

- [489] Fred W. Allendorf and Stevan R. Phelps. Use of allelic frequencies to describe population structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1507–1514, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-203>.

**Clayton:1981:SCU**

- [490] James W. Clayton. The stock concept and the uncoupling of organismal and molecular evolution. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1515–1522, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-204>.

**Altukhov:1981:SCV**

- [491] Yu. P. Altukhov. The stock concept from the viewpoint of population genetics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1523–1538, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-205>.

**Bailey:1981:OGF**

- [492] Reeve M. Bailey and Gerald R. Smith. Origin and geography of the fish fauna of the Laurentian Great Lakes Basin. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1539–1561, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-206>.

**Ryman:1981:GPI**

- [493] Nils Ryman and Gunnar Ståhl. Genetic perspectives of the identification and conservation of Scandinavian stocks of fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1562–1575, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-207>.

**Thorpe:1981:SAS**

- [494] J. E. Thorpe and K. A. Mitchell. Stocks of Atlantic salmon (*Salmo salar*) in Britain and Ireland: Discreteness, and current management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1576–1590, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-208>.

**Altukhov:1981:ASC**

- [495] Yu. P. Altukhov and E. A. Salmenkova. Applications of the stock concept to fish populations in the U.S. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1591–1600, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-209>.

**Power:1981:SCC**

- [496] G. Power. Stock characteristics and catches of Atlantic salmon (*Salmo salar*) in Quebec, and Newfoundland and Labrador in relation to environmental variables. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1601–1611, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-210>.

**Saunders:1981:ASS**

- [497] Richard L. Saunders. Atlantic salmon (*Salmo salar*) stocks and management implications in the Canadian Atlantic provinces and New England, USA. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1612–1625, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-211>.

**Utter:1981:BCD**

- [498] Fred M. Utter. Biological criteria for definition of species and distinct intraspecific populations of anadromous salmonids under the U.S. Endangered Species Act of 1973. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1626–1635, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-212>.

**Ricker:1981:CAS**

- [499] W. E. Ricker. Changes in the average size and average age of Pacific salmon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1636–1656, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-213>.

**McDonald:1981:SCA**

- [500] J. McDonald. The stock concept and its application to British Columbia salmon fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1657–1664, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-214>.

**Helle:1981:SSC**

- [501] John H. Helle. Significance of the stock concept in artificial propagation of salmonids in Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1665–1671, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-215>.

**Fraser:1981:CSG**

- [502] J. M. Fraser. Comparative survival and growth of planted wild, hybrid, and domestic strains of brook trout (*Salvelinus fontinalis*) in Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1672–1684, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-216>.

**MaClean:1981:SGS**

- [503] J. A. MaClean, D. O. Evans, N. V. Martin, and R. L. DesJardine. Survival, growth, spawning distribution, and movements of introduced and native lake trout (*Salvelinus namaycush*) in two inland Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1685–1700, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-217>.

**Webster:1981:PIE**

- [504] Dwight A. Webster and William A. Flick. Performance of indigenous, exotic, and hybrid strains of brook trout (*Salvelinus fontinalis*) in waters of the Adirondack Mountains, New York. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1701–1707, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-218>.

**Brussard:1981:SAF**

- [505] Peter F. Brussard, Marjorie Collings Hall, and Janet Wright. Structure and affinities of freshwater sea lamprey (*Petromyzon marinus*) populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1708–1714, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-219>.

**Philipp:1981:MID**

- [506] David P. Philipp, William F. Childers, and Gregory S. Whitt. Management implications for different genetic stocks of largemouth bass (*Micropterus salmoides*) in the United States. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1715–1723, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-220>.

**Goodier:1981:NLT**

- [507] John L. Goodier. Native lake trout (*Salvelinus namaycush*) stocks in the Canadian waters of Lake Superior prior to 1955. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1724–1737, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-221>.

**Dehring:1981:SGV**

- [508] Terrence R. Dehring, Anne F. Brown, Charles H. Daugherty, and Stevan R. Phelps. Survey of the genetic variation among Eastern Lake Superior lake trout (*Salvelinus namaycush*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1738–1746, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-222>.

**Brown:1981:HED**

- [509] E. H. Brown, Jr., G. W. Eck, N. R. Foster, R. M. Horrall, and C. E. Coberly. Historical evidence for discrete stocks of lake trout (*Salvelinus namaycush*) in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1747–1758, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-223>.

**Biette:1981:LHT**

- [510] R. M. Biette, D. P. Dodge, R. L. Hassinger, and T. M. Stauffer. Life history and timing of migrations and spawning behavior of rainbow trout (*Salmo gairdneri*) populations of the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1759–1771, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-224>.

**Casselman:1981:LWC**

- [511] J. M. Casselman, J. J. Collins, E. J. Grossman, P. E. Ihssen, and G. R. Spangler. Lake whitefish (*Coregonus clupeaformis*) stocks of the Ontario waters of Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1772–1789, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-225>.

**Ihssen:1981:LHM**

- [512] P. E. Ihssen, D. O. Evans, W. J. Christie, J. A. Reckahn, and R. L. DesJardine. Life history, morphology, and electrophoretic characteristics of five allopatric stocks of lake whitefish (*Coregonus clupeaformis*) in the Great Lakes region. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):



1790–1807, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-226>.

**Todd:1981:AVS**

- [513] Thomas N. Todd. Allelic variability in species and stocks of Lake Superior ciscoes (*Coregoninae*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1808–1813, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-227>.

**Colby:1981:VAS**

- [514] Peter J. Colby and Stephen J. Nepszy. Variation among stocks of wall-eye (*Stizostedion vitreum vitreum*): Management implications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1814–1831, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-228>.

**Krueger:1981:GIS**

- [515] Charles C. Krueger and George R. Spangler. Genetic identification of sea lamprey (*Petromyzon marinus*) populations from the Lake Superior Basin. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1832–1837, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-229>.

**Ihssen:1981:SIM**

- [516] P. E. Ihssen, H. E. Booke, J. M. Casselman, J. M. McGlade, N. R. Payne, and F. M. Utter. Stock identification: Materials and methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1838–1855, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-230>.

**Ryder:1981:CCF**

- [517] R. A. Ryder, S. R. Kerr, W. W. Taylor, and P. A. Larkin. Community consequences of fish stock diversity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1856–1866, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-231>.

**Hynes:1981:GCF**

- [518] J. D. Hynes, E. H. Brown, Jr., J. H. Helle, N. Ryman, and D. A. Webster. Guidelines for the culture of fish stocks for resource management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1867–1876, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-232>.

**Krueger:1981:GAF**

- [519] Charles C. Krueger, Anthony J. Gharrett, Terrence R. Dehring, and Fred W. Allendorf. Genetic aspects of fisheries rehabilitation programs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1877–1881, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-233>.

**Maitland:1981:WST**

- [520] P. S. Maitland, H. A. Regier, G. Power, and N. A. Nilsson. A wild salmon, trout, and char watch: an international strategy for salmonid conservation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1882–1888, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-234>.

**MacLean:1981:SCD**

- [521] J. A. MacLean and D. O. Evans. The stock concept, discreteness of fish stocks, and fisheries management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1889–1898, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-235>.

**Thorpe:1981:AMM**

- [522] J. E. Thorpe, J. F. Koonce, D. Borgeson, B. Henderson, A. Lamsa, P. S. Maitland, M. A. Ross, R. C. Simon, and C. Walters. Assessing and managing Man's impact on fish genetic resources. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1899–1907, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-236>.

**Spangler:1981:PPR**

- [523] G. R. Spangler, A. H. Berst, and J. F. Koonce. Perspectives and policy recommendations on the relevance of the stock concept to fishery management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 38(12):1908–1914, December 1981. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f81-237>.

**Anonymous:1982:EE**

- [524] Anonymous. Editorial/Éditorial. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):1–2, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-001>.

**Ware:1982:PEF**

- [525] D. M. Ware. Power and evolutionary fitness of teleosts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):3–13, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-002>.

**Anonymous:1982:P**

- [526] Anonymous. Prologue. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):16, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-003>.

**Crim:1982:EMA**

- [527] L. W. Crim. Environmental modulation of annual and daily rhythms associated with reproduction in teleost fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):17–21, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-004>.

**Liley:1982:CCF**

- [528] N. R. Liley. Chemical communication in fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques*

*et aquatiques*, 39(1):22–35, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-005>.

**Demski:1982:HCF**

- [529] L. S. Demski and P. J. Hornby. Hormonal control of fish reproductive behavior: Brain–gonadal steroid interactions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):36–47, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-006>.

**Peter:1982:NCR**

- [530] R. E. Peter. Neuroendocrine control of reproduction in teleosts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):48–55, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-007>.

**Nagahama:1982:CSS**

- [531] Y. Nagahama, H. Kagawa, and G. Young. Cellular sources of sex steroids in teleost gonads. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):56–64, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-008>.

**Billard:1982:ECS**

- [532] R. Billard, A. Fostier, C. Weil, and B. Breton. Endocrine control of spermatogenesis in teleost fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):65–79, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-009>.

**Burzawa-Gerard:1982:CDP**

- [533] E. Burzawa-Gerard. Chemical data on pituitary gonadotropins and their implication to evolution. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):80–91, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-010>.

**Stacey:1982:RPF**

- [534] N. E. Stacey and F. W. Goetz. Role of prostaglandins in fish reproduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):92–98, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-011>.

**Donaldson:1982:SCF**

- [535] Edward M. Donaldson and George A. Hunter. Sex control in fish with particular reference to salmonids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):99–110, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-012>.

**Lam:1982:AEF**

- [536] T. J. Lam. Applications of endocrinology to fish culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):111–137, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-013>.

**Lam:1982:FCS**

- [537] T. J. Lam. Fish culture in Southeast Asia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):138–142, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-014>.

**Hao-Ren:1982:PSF**

- [538] Lin Hao-Ren. Polycultural system of freshwater fish in China. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):143–150, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-015>.

**Larkin:1982:ANA**

- [539] P. A. Larkin. Aquaculture in North America: an assessment of future prospects. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):151–154, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-016>.

**Hoar:1982:QUA**

- [540] William S. Hoar. Quid usque adhuc? Quo vadimus? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):155–159, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-017>.

**Anonymous:1982:GSR**

- [541] Anonymous. Graduate students and research associates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):160–161, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-018>.

**Cherry:1982:ITS**

- [542] Donald S. Cherry, Stephan R. Larrick, James D. Giattina, John Cairns, Jr., and John Van Hassel. Influence of temperature selection upon the chlorine avoidance of cold-water and warmwater fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):162–173, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-019>.

**Aminot:1982:DAU**

- [543] A. Aminot and R. Kerouel. Dosage automatique de l'urée dans l'eau de mer: une méthode très sensible à la diacétylmonoxime. (French) [Automatic determination of urea in sea water: a very sensitive method for diacetylmonoxime]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):174–183, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-020>.

**Heming:1982:ETU**

- [544] T. A. Heming. Effects of temperature on utilization of yolk by Chinook salmon (*Oncorhynchus tshawytscha*) eggs and alevins. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):184–190, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-021>.

**Windom:1982:MAP**

- [545] H. L. Windom, K. T. Tenore, and D. L. Rice. Metal accumulation by the polychaete *Capitella capitata*: Influences of metal content and nutritional quality of detritus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):191–196, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-022>.

**Sims:1982:ASC**

- [546] S. E. Sims. Algorithms for solving the catch equation forward and backward in time. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):197–202, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-023>.

**Cooper:1982:EFA**

- [547] Scott D. Cooper and Charles R. Goldman. Environmental factors affecting predation rates of *Mysis relicta*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):203–208, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-024>.

**Vinyard:1982:VKS**

- [548] Gary L. Vinyard. Variable kinematics of Sacramento perch (*Archoplites interruptus*) capturing evasive and nonevasive prey. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):208–211, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-025>.

**Anderson:1982:OUF**

- [549] Lee G. Anderson. Optimal utilization of fisheries with increasing costs of effort. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):211–214, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-026>.

**Zaugg:1982:SPA**

- [550] W. S. Zaugg. A simplified preparation for adenosine triphosphatase determination in gill tissue. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39 (1):215–217, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-027>.

**Cipriano:1982:IBT**

- [551] Rocco C. Cipriano. Immunization of brook trout (*Salvelinus fontinalis*) against *Aeromonas salmonicida*: Immunogenicity of virulent and avirulent isolates and protective ability of different antigens. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):218–221, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-028>.

**Mills:1982:EPW**

- [552] Eric L. Mills, Karin Pittman, and Brent Munroe. Effect of preservation on the weight of marine benthic invertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):221–224, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-029>.

**Swanson:1982:IIP**

- [553] Robert N. Swanson and James H. Gillespie. Isolation of infectious pancreatic necrosis virus from the blood and blood components of experimentally infected trout. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39 (1):225–228, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-030>.

**Williamson:1982:CSE**

- [554] Neal J. Williamson. Cluster sampling estimation of the variance of abundance estimates derived from quantitative echo sounder surveys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):229–231, January 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-031>.

**Anonymous:1982:BRCa**

- [555] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(1):232–234, January 1982. CODEN CJFSDX.



ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-032>.

**Giguere:1982:PER**

- [556] Louis A. Giguère, André Delâge, Lawrence M. Dill, and Jeroen Gerritsen. Predicting encounter rates for zooplankton: a model assuming a cylindrical encounter field. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):237–242, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-033>.

**Carignan:1982:EME**

- [557] R. Carignan. An empirical model to estimate the relative importance of roots in phosphorus uptake by aquatic macrophytes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):243–247, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-034>.

**Brawn:1982:BAS**

- [558] Vivien M. Brawn. Behavior of Atlantic salmon (*Salmo salar*) during suspended migration in an estuary, Sheet Harbour, Nova Scotia, observed visually and by ultrasonic tracking. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):248–256, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-035>.

**Hanson:1982:EPF**

- [559] John Mark Hanson and William C. Leggett. Empirical prediction of fish biomass and yield. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):257–263, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-036>.

**Gardner:1982:UCD**

- [560] Peter N. Gardner. Use of cycle dummy variables and race escapement in the Fraser River sockeye salmon (*Oncorhynchus nerka*) recruitment function. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):264–269, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-037>.

**Levy:1982:JSR**

- [561] D. A. Levy and T. G. Northcote. Juvenile salmon residency in a marsh area of the Fraser River Estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):270–276, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-038>.

**Beamish:1982:PEM**

- [562] Richard J. Beamish and Doris E. Chilton. Preliminary evaluation of a method to determine the age of sablefish (*Anoplopoma fimbria*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):277–287, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-039>.

**Sinclair:1982:GMS**

- [563] M. Sinclair, A. Sinclair, and T. D. Iles. Growth and maturation of Southwest Nova Scotia Atlantic herring (*Clupea harengus harengus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):288–295, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-040>.

**Tarapchak:1982:OOC**

- [564] Stephen J. Tarapchak, Sylvia M. Bigelow, and Cora Rubitschun. Overestimation of orthophosphorus concentrations in surface waters of Southern Lake Michigan: Effects of acid and ammonium molybdate. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):296–304, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-041>.

**Spigarelli:1982:FAD**

- [565] S. A. Spigarelli, R. M. Goldstein, W. Prepejchal, and M. M. Thommes. Fish abundance and distribution near three heated effluents to Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):305–315, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-042>.

**Keen:1982:BIB**

- [566] W. Hubert Keen. Behavioral interactions and body size differences in competition for food among juvenile brown bullhead (*Ictalurus nebulosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):316–320, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-043>.

**Jensen:1982:DAA**

- [567] Arne Johan Jensen and Bjørn Ove Johnsen. Difficulties in aging Atlantic salmon (*Salmo salar*) and brown trout (*Salmo trutta*) from cold rivers due to lack of scales as yearlings. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):321–325, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-044>.

**Kulka:1982:CSB**

- [568] D. W. Kulka, S. Corey, and T. D. Iles. Community structure and biomass of euphausiids in the Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):326–334, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-045>.

**Harrison:1982:PPN**

- [569] W. G. Harrison, Trevor Platt, and Brian Irwin. Primary production and nutrient assimilation by natural phytoplankton populations of the Eastern Canadian Arctic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):335–345, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-046>.

**Ross:1982:TSP**

- [570] Marvin Jon Ross and Donald B. Siniff. Temperatures selected in a power plant thermal effluent by adult yellow perch (*Perca flavescens*) in winter. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):346–349, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-047>.

**Nero:1982:CTS**

- [571] R. W. Nero and I. J. Davies. Comparison of two sampling methods for estimating the abundance and distribution of *Mysis relicta*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):349–355, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-048>.

**Huebner:1982:RGE**

- [572] Judith D. Huebner and Richard W. Langton. Rate of gastric evacuation for winter flounder, *Pseudopleuronectes americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):356–360, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-049>.

**Calhoun:1982:SRA**

- [573] Stuart W. Calhoun, Earl G. Zimmerman, and Thomas L. Beiting. Stream regulation alters acute temperature preferenda of red shiners, *Notropis lutrensis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):360–363, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-050>.

**Anonymous:1982:LCLa**

- [574] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):364–366, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-051>.

**Anonymous:1982:BRCb**

- [575] Anonymous. Book review/compte rendu. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(2):367, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-052>.

**Anonymous:1982:CRPa**

- [576] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences =*

*Journal canadien des sciences halieutiques et aquatiques*, 39(2):368, February 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-053>.

**Kerr:1982:EEB**

- [577] S. R. Kerr. Estimating the energy budgets of actively predatory fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):371–379, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-054>.

**Lederman:1982:BHG**

- [578] Timothy C. Lederman and G-Yull Rhee. Bioconcentration of a hexachlorobiphenyl in Great Lakes planktonic algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):380–387, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-055>.

**Lederman:1982:IHG**

- [579] Timothy C. Lederman and G-Yull Rhee. Influence of a hexachlorobiphenyl in Great Lakes phytoplankton in continuous culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):388–394, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-056>.

**Craig:1982:ESA**

- [580] P. C. Craig, W. B. Griffiths, L. Haldorson, and H. McElderry. Ecological studies of Arctic cod (*Boreogadus saida*) in Beaufort Sea coastal waters, Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):395–406, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-057>.

**Stillwell:1982:FFH**

- [581] C. E. Stillwell and N. E. Kohler. Food, feeding habits, and estimates of daily ration of the shortfin mako (*Isurus oxyrinchus*) in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):407–414, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-058>.

**Koslow:1982:LEP**

- [582] J. Anthony Koslow. Limited entry policy and the Bristol Bay, Alaska salmon fishermen. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):415–425, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-059>.

**Bilton:1982:ITS**

- [583] H. T. Bilton, D. F. Alderdice, and J. T. Schnute. Influence of time and size at release of juvenile Coho salmon (*Oncorhynchus kisutch*) on returns at maturity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):426–447, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-060>.

**Eggers:1982:MEA**

- [584] Douglas M. Eggers, Neil A. Rickard, Douglas G. Chapman, and Richard R. Whitney. A methodology for estimating area fished for baited hooks and traps along a ground line. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):448–453, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-061>.

**Moores:1982:GPN**

- [585] J. A. Moores and G. H. Winters. Growth patterns in a Newfoundland Atlantic herring (*Clupea harengus harengus*) stock. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):454–461, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-062>.

**Silvert:1982:OUV**

- [586] William Silvert. Optimal utilization of a variable fish supply. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):462–468, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-063>.

**White:1982:FIO**

- [587] E. White, G. Payne, S. Pickmere, and F. R. Pick. Factors influencing orthophosphate turnover times: a comparison of Canadian and New Zealand lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):469–474, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-064>.

**Schmidt:1982:PFE**

- [588] David Schmidt and W. John O'Brien. Planktivorous feeding ecology of Arctic grayling (*Thymallus arcticus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):475–482, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-065>.

**Wong:1982:STR**

- [589] P. T. S. Wong, Y. K. Chau, O. Kramar, and G. A. Bengert. Structure-toxicity relationship of tin compounds on algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):483–488, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-066>.

**Stacey:1982:SFB**

- [590] N. E. Stacey and A. S. Hourston. Spawning and feeding behavior of captive Pacific herring, *Clupea harengus pallasii*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):489–498, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-067>.

**Jamieson:1982:PSS**

- [591] G. S. Jamieson, H. Stone, and M. Etter. Predation of sea scallops (*Placopecten magellanicus*) by lobsters (*Homarus americanus*) and rock crabs (*Cancer irroratus*) in underwater cage enclosures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):499–505, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-068>.

**Bistricki:1982:AXR**

- [592] T. Bistricki and M. Munawar. Application of X-ray microanalysis for the detection of heavy metals in Great Lakes algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):506–509, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-069>.

**Iwata:1982:DSA**

- [593] Munehico Iwata, Sanae Hasegawa, and Tetsuya Hirano. Decreased seawater adaptability of chum salmon (*Oncorhynchus keta*) fry following prolonged rearing in freshwater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):509–514, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-070>.

**Policansky:1982:IAS**

- [594] David Policansky. Influence of age, size, and temperature on metamorphosis in the starry flounder, *Platichthys stellatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):514–517, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-071>.

**Thompson:1982:ATS**

- [595] Kenneth W. Thompson, Michael L. Deaton, Robert V. Foutz, John Cairns, Jr., and Albert C. Hendricks. Application of time-series intervention analysis to fish ventilatory response data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):518–521, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-072>.

**Schrader:1982:ICS**

- [596] G. C. Schrader, R. Horner, and G. F. Smith. An improved chamber for in situ measurement of primary productivity by sea ice algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):522–524, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-073>.



**Giattina:1982:GMT**

- [597] James D. Giattina and Ronald R. Garton. Graphical model of thermoregulatory behavior by fishes with a new measure of eurythermality. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):524–528, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-074>.

**Anonymous:1982:LCLb**

- [598] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(3):529–530, March 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-075>.

**Vetter:1982:UAC**

- [599] Russell D. Vetter and Robert E. Hodson. Use of adenylate concentrations and adenylate energy charge as indicators of hypoxic stress in estuarine fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):535–541, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-076>.

**Marshall:1982:PIM**

- [600] Scott L. Marshall and Steven S. Parker. Pattern identification in the microstructure of sockeye salmon (*Oncorhynchus nerka*) otoliths. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):542–547, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-077>.

**Mathur:1982:TPA**

- [601] Dilip Mathur, Robert M. Schutsky, and Edmund J. Purdy, Jr. Temperature preference and avoidance responses of the crayfish, *Orconectes obscurus*, and associated statistical problems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):548–553, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-078>.

**Selgeby:1982:DLH**

- [602] James H. Selgeby. Decline of lake herring (*Coregonus artedii*) in Lake Superior: an analysis of the Wisconsin herring fishery, 1936–78. *Cana-*

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):554–563, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-079>.

**Bowering:1982:CWF**

- [603] W. R. Bowering and R. K. Misra. Comparisons of witch flounder (*Glyptocephalus cynoglossus*) stocks of the Newfoundland–Labrador area, based upon a new multivariate analysis method for meristic characters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):564–570, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-080>.

**Kaiser:1982:ETD**

- [604] Klaus L. E. Kaiser. Early trend determination of organochlorine contamination from residue ratios in the sea lamprey (*Petromyzon marinus*) and its lake whitefish (*Coregonus clupeaformis*) host. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):571–579, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-081>.

**ODor:1982:RMS**

- [605] R. K. O’Dor. Respiratory metabolism and swimming performance of the squid, *Loligo opalescens*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):580–587, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-082>.

**Hartman:1982:SMC**

- [606] G. F. Hartman, B. C. Andersen, and J. C. Scrivener. Seaward movement of Coho salmon (*Oncorhynchus kisutch*) fry in Carnation Creek, an unstable coastal stream in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):588–597, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-083>.

**Paloheimo:1982:GMD**

- [607] J. E. Paloheimo, S. J. Crabtree, and W. D. Taylor. Growth model of *Daphnia*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal*

*canadien des sciences halieutiques et aquatiques*, 39(4):598–606, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-084>.

**Trautmann:1982:SDD**

- [608] Nancy Morton Trautmann, Charles E. McCulloch, and Ray T. Oglesby. Statistical determination of data requirements for assessment of lake restoration programs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):607–610, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-085>.

**Cook:1982:SIS**

- [609] Rodney C. Cook. Stock identification of sockeye salmon (*Oncorhynchus nerka*) with scale pattern recognition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):611–617, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-086>.

**Harris:1982:PEE**

- [610] Graham P. Harris and Richard A. Vollenweider. Paleolimnological evidence of early eutrophication in Lake Erie. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):618–626, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-087>.

**Sower:1982:HIO**

- [611] Stacia A. Sower, Carl B. Schreck, and Edward M. Donaldson. Hormone-induced ovulation of Coho salmon (*Oncorhynchus kisutch*) held in seawater and fresh water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):627–632, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-088>.

**Shaul:1982:GPG**

- [612] Warren Shaul and Lynn Goodwin. Geodock (*Panope generosa*: Bivalvia) age as determined by internal growth lines in the shell. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):632–636, April 1982. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-089>.

**Drummond-Davis:1982:SEP**

- [613] N. C. Drummond-Davis, K. H. Mann, and R. A. Pottle. Some estimates of population density and feeding habits of the rock crab, *Cancer irroratus*, in a kelp bed in Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):636–639, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-090>.

**Hawkins:1982:AEC**

- [614] Christopher M. Hawkins and Paul D. Keizer. Ammonia excretion in *Corophium volutator*: Using an automated method. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):640–643, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-091>.

**Huey:1982:MLC**

- [615] D. W. Huey and T. L. Beitinger. Methemoglobin levels in channel catfish, *Ictalurus punctatus*, exposed to nitrite and tricaine methanesulfonate. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):643–645, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-092>.

**Anonymous:1982:BRCc**

- [616] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(4):646, April 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-093>.

**Macdonald:1982:RDD**

- [617] J. Stevenson Macdonald, Kenneth G. Waiwood, and Roger H. Green. Rates of digestion of different prey in Atlantic cod (*Gadus morhua*), ocean pout (*Macrozoarces americanus*), winter flounder (*Pseudopleuronectes americanus*), and American plaice (*Hippoglossoides platesoides*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):651–659, May

1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-094>.

**Gardner:1982:BHE**

- [618] Grant A. Gardner. Biological and hydrographical evidence for Pacific equatorial water on the Continental Shelf north of Vancouver Island, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):660–667, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-095>.

**Borgmann:1982:PSC**

- [619] Uwe Borgmann. Particle-size-conversion efficiency and total animal production in pelagic ecosystems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):668–674, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-096>.

**Atema:1982:EDM**

- [620] Jelle Atema, Dale F. Leavitt, Diana E. Barshaw, and M. Carmela Cuomo. Effects of drilling muds on behavior of the American lobster, *Homarus americanus*, in water column and substrate exposures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):675–690, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-097>.

**Frank:1982:ERG**

- [621] Kenneth T. Frank and William C. Leggett. Environmental regulation of growth rate, efficiency, and swimming performance in larval capelin (*Malotus villosus*), and its application to the Match/Mismatch Hypothesis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):691–699, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-098>.

**Jensen:1982:PUF**

- [622] A. L. Jensen, S. A. Spigarelli, and M. M. Thommes. PCB uptake by five species of fish in Lake Michigan, Green Bay of Lake Michigan, and Cayuga Lake, New York. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39

(5):700–709, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-099>.

**Arthur:1982:QSE**

- [623] J. R. Arthur, L. Margolis, D. J. Whitaker, and T. E. McDonald. A quantitative study of economically important parasites of walleye pollock (*Theragra chalcogramma*) from British Columbian waters and effects of postmortem handling on their abundance in the musculature. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):710–726, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-100>.

**Griesbach:1982:AMP**

- [624] Sara Griesbach, Robert Henry Peters, and Sami Youakim. An allometric model for pesticide bioaccumulation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):727–735, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-101>.

**Beamish:1982:LMN**

- [625] Richard J. Beamish. *Lampetra macrostoma*, a new species of freshwater parasitic lamprey from the West Coast of Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):736–747, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-102>.

**Bloesch:1982:IOS**

- [626] J. Bloesch. Inshore–offshore sedimentation differences resulting from re-suspension in the Eastern Basin of Lake Erie. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):748–759, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-103>.

**Sameoto:1982:ZMA**

- [627] D. D. Sameoto. Zooplankton and micronekton abundance in acoustic scattering layers on the Nova Scotian slope. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques*

*et aquatiques*, 39(5):760–777, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-104>.

**Dawson:1982:RHP**

- [628] V. K. Dawson. A rapid high-performance liquid-chromatographic method for simultaneously determining the concentrations of TFM and Bayer 73 in water during lampricide treatments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):778–782, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-105>.

**Vaughan:1982:CAA**

- [629] Douglas S. Vaughan and Webster Van Winkle. Corrected analysis of the ability to detect reductions in year-class strength of the Hudson River white perch (*Morone americana*) population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):782–785, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-106>.

**Peters:1982:CDP**

- [630] Robert Henry Peters and Martin Bergmann. A comparison of different phosphorus fractions as predictors of particulate pigment levels in Lake Memphremagog and its tributaries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):785–790, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-107>.

**Cullen:1982:DCM**

- [631] John J. Cullen. The deep chlorophyll maximum: Comparing vertical profiles of chlorophyll *a*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):791–803, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-108>.

**Anonymous:1982:BRcd**

- [632] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(5):804–808, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-109>.

*et aquatiques*, 39(5):804–805, May 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-109>.

**Cada:1982:RET**

- [633] Glenn F. Cada and James M. Loar. Relative effectiveness of two ichthyoplankton sampling techniques. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):811–814, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-110>.

**McComas:1982:SRR**

- [634] Steven R. McComas and Ray W. Drenner. Species replacement in a reservoir fish community: Silverside feeding mechanics and competition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):815–821, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-111>.

**Prepas:1982:IQP**

- [635] E. E. Prepas and F. H. Rigler. Improvements in quantifying the phosphorus concentration in lake water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):822–829, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-112>.

**Geiger:1982:HDG**

- [636] J. G. Geiger and A. L. Buikema, Jr. Hydrocarbons depress growth and reproduction of *Daphnia pulex* (Cladocera). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):830–836, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-113>.

**Quinn:1982:CTM**

- [637] Terrance J. Quinn II, Stephen H. Hoag, and G. Morris Southward. Comparison of two methods of combining catch-per-unit-effort data from geographic regions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):837–846, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-114>.



**Kent:1982:ILZ**

- [638] Clement Kent and Jonathan Wong. An index of littoral zone complexity and its measurement. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):847–853, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-115>.

**Lied:1982:DPD**

- [639] E. Lied, K. Julshamn, and O. R. Braekkan. Determination of protein digestibility in Atlantic cod (*Gadus morhua*) with internal and external indicators. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):854–861, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-116>.

**Garman:1982:PSB**

- [640] Greg C. Garman and Larry A. Nielsen. Piscivory by stocked brown trout (*Salmo trutta*) and its impact on the nongame fish community of Bottom Creek, Virginia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):862–869, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-117>.

**Stevenson:1982:BSC**

- [641] R. M. W. Stevenson and J. G. Daly. Biochemical and serological characteristics of Ontario isolates of *Yersinia ruckeri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):870–876, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-118>.

**Malins:1982:ACS**

- [642] Donald C. Malins. Alterations in the cellular and subcellular structure of marine teleosts and invertebrates exposed to petroleum in the laboratory and field: a critical review. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):877–889, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-119>.

**Havas:1982:AIS**

- [643] Magda Havas and T. C. Hutchinson. Aquatic invertebrates from the Smoking Hills, N.W.T.: Effect of pH and metals on mortality. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):890–903, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-120>.

**Peterman:1982:NRB**

- [644] Randall M. Peterman. Nonlinear relation between smolts and adults in Babine Lake sockeye salmon (*Oncorhynchus nerka*) and implications for other salmon populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):904–913, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-121>.

**Pearre:1982:EPP**

- [645] Sifford Pearre, Jr. Estimating prey preference by predators: Uses of various indices, and a proposal of another based on  $\chi^2$ . *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):914–923, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-122>.

**Addison:1982:VHE**

- [646] R. F. Addison and D. E. Willis. Variation of hepatic ethoxycoumarin O-de-ethylase activity with body weight and other factors in brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):924–926, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-123>.

**Wolf:1982:MCI**

- [647] Ken Wolf and Maria E. Markiw. *Myxosoma cerebralis*: Inactivation of spores by hot smoking of infected trout. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):926–928, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-124>.

**Pottle:1982:SPB**

- [648] Robert A. Pottle and Robert W. Elnor. Substrate preference behavior of juvenile American lobsters, *Homarus americanus*, in gravel and silt-clay sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):928–932, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-125>.

**Anonymous:1982:BRCe**

- [649] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(6):933–934, June 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-126>.

**Campana:1982:DGI**

- [650] Steven E. Campana and John D. Neilson. Daily growth increments in otoliths of starry flounder (*Platichthys stellatus*) and the influence of some environmental variables in their production. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):937–942, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-127>.

**Scott:1982:SBT**

- [651] J. S. Scott. Selection of bottom type by groundfishes of the Scotian Shelf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):943–947, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-128>.

**Durve:1982:VCD**

- [652] V. S. Durve and R. T. Lovell. Vitamin C and disease resistance in channel catfish (*Ictalurus punctatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):948–951, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-129>.

**Healey:1982:TRI**

- [653] M. C. Healey. Timing and relative intensity of size-selective mortality of juvenile chum salmon (*Oncorhynchus keta*) during early sea life. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des*

*sciences halieutiques et aquatiques*, 39(7):952–957, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-130>.

**Morin:1982:LHV**

- [654] Roderick Morin, Julian J. Dodson, and Geoffrey Power. Life history variations of anadromous cisco (*Coregonus artedii*), lake whitefish (*C. clupeaformis*), and round whitefish (*Prosopium cylindraceum*) populations of Eastern James–Hudson Bay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):958–967, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-131>.

**Schlosser:1982:TSR**

- [655] Isaac J. Schlosser. Trophic structure, reproductive success, and growth rate of fishes in a natural and modified headwater stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):968–978, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-132>.

**Dagg:1982:ICG**

- [656] Michael J. Dagg and Jefferson T. Turner. The impact of copepod grazing on the phytoplankton of Georges Bank and the New York Bight. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):979–990, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-133>.

**Frank:1982:CWM**

- [657] Kenneth T. Frank and William C. Leggett. Coastal water mass replacement: Its effect on zooplankton dynamics and the predator–prey complex associated with larval capelin (*Mallotus villosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):991–1003, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-134>.

**Moreau:1982:MLC**

- [658] Guy Moreau and Claude Barbeau. Les métaux lourds comme indicateurs d’origine géographique de l’anguille d’Amérique (*Anguilla rostrata*). (French) [Heavy metals as indicators of the geographical origin

of the American eel (*Anguilla rostrata*)]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1004–1011, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-135>.

**Sullivan:1982:ESA**

- [659] Kathleen M. Sullivan and Kenneth L. Smith, Jr. Energetics of sablefish, *Anoplopoma fimbria*, under laboratory conditions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1012–1020, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-136>.

**Delorme:1982:LEO**

- [660] L. D. Delorme. Lake Erie oxygen; the prehistoric record. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1021–1029, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-137>.

**Hindar:1982:HFS**

- [661] Kjetil Hindar and Bror Jonsson. Habitat and food segregation of dwarf and normal Arctic charr (*Salvelinus alpinus*) from Vangsvatnet Lake, Western Norway. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1030–1045, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-138>.

**Crowder:1982:THS**

- [662] Larry B. Crowder and John J. Magnuson. Thermal habitat shifts by fishes at the thermocline in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1046–1050, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-139>.

**Wrona:1982:MSS**

- [663] F. J. Wrona, Joseph M. Culp, and Ronald W. Davies. Macroinvertebrate subsampling: a simplified apparatus and approach. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1051–1054, July 1982. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-140>.

**Deriso:1982:RFM**

- [664] R. B. Deriso. Relationship of fishing mortality to natural mortality and growth at the level of maximum sustainable yield. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1054–1058, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-141>.

**Bakun:1982:OSR**

- [665] Andrew Bakun, Jan Beyer, Daniel Pauly, John G. Pope, and Gary D. Sharp. Ocean sciences in relation to living resources. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1059–1070, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-142>.

**Anonymous:1982:LCLc**

- [666] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1071–1072, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-143>.

**Anonymous:1982:BRCf**

- [667] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(7):1073–1074, July 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-144>.

**Methot:1982:EPA**

- [668] Richard D. Methot, Jr. and Louis W. Botsford. Estimated preseason abundance in the California Dungeness crab (*Cancer magister*) fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1077–1083, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-145>.

**Whyte:1982:SVC**

- [669] J. N. C. Whyte and J. R. Englar. Seasonal variation in the chemical composition and condition indices of Pacific oyster, *Crassostrea gigas*, grown in trays or on the sea bed. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1084–1094, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-146>.

**Kaushik:1982:PNE**

- [670] Sadasivam J. Kaushik, Konrad Dabrowski, and Pierre Luquet. Patterns of nitrogen excretion and oxygen consumption during ontogenesis of common carp (*Cyprinus carpio*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1095–1105, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-147>.

**Pace:1982:PCT**

- [671] Michael L. Pace. Planktonic ciliates: Their distribution, abundance, and relationship to microbial resources in a monomictic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1106–1116, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-148>.

**Harding:1982:ALA**

- [672] Gareth C. Harding, W. Peter Vass, and Ken F. Drinkwater. Aspects of larval American lobster (*Homarus americanus*) ecology in St. Georges Bay, Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1117–1129, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-149>.

**Loder:1982:HEC**

- [673] John W. Loder, Daniel G. Wright, Christopher Garrett, and Barbara-Ann Juszko. Horizontal exchange on Central Georges Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1130–1137, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-150>.

**Hay:1982:FSH**

- [674] D. E. Hay. Fixation shrinkage of herring larvae: Effects of salinity, formalin concentration, and other factors. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1138–1143, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-151>.

**Mulcahy:1982:PIH**

- [675] Dan Mulcahy, John Burke, Ron Pascho, and C. K. Jenés. Pathogenesis of infectious hematopoietic necrosis virus in adult sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1144–1149, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-152>.

**Fortier:1982:FTD**

- [676] L. Fortier and W. C. Leggett. Fickian transport and the dispersal of fish larvae in estuaries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1150–1163, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-153>.

**Courtois:1982:IMR**

- [677] R. Courtois, M. Simoneau, and J. J. Dodson. Interactions multispécifiques: répartition spatio-temporelle des larves de capelan (*Mallothus villosus*), d'éperlan (*Osmerus mordax*) et de hareng de l'Atlantique (*Clupea harengus harengus*) an sein de la communauté planctonique de l'estuaire moyen du Saint-Laurent. (French) [Multispecific interactions: spatio-temporal distribution of capelin larvae (*Mallothus villosus*), perlan (*Osmerus mordax*) and Atlantic herring (*Clupea harengus harengus*) in the plankton community of the middle estuary of the Saint Lawrence]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1164–1174, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-154>.

**Adams:1982:SPP**

- [678] S. Marshall Adams, R. B. McLean, and M. M. Huffman. Structuring of a predator population through temperature-mediated effects on prey availability. *Canadian Journal of Fisheries and Aquatic Sciences = Journal*



*canadien des sciences halieutiques et aquatiques*, 39(8):1175–1184, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-155>.

**White:1982:RCT**

- [679] Alan W. White and Carrie M. Lewis. Resting cysts of the toxic, Red Tide dinoflagellate *Gonyaulax excavate* in Bay of Fundy sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1185–1194, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-156>.

**Fournier:1982:GTA**

- [680] David Fournier and Chris P. Archibald. A general theory for analyzing catch at age data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1195–1207, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-157>.

**Chang:1982:SME**

- [681] William Y. B. Chang. A statistical method for evaluating the reproducibility of age determination. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1208–1210, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-158>.

**Coote:1982:NDT**

- [682] A. R. Coote and E. P. Jones. Nutrient distributions and their relationships to water masses in Baffin Bay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1210–1214, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-159>.

**Anonymous:1982:LCLd**

- [683] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1215–1221, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-160>.

**Anonymous:1982:BRCg**

- [684] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1222–1223, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-161>.

**Anonymous:1982:CRPb**

- [685] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(8):1225–1227, August 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-162>.

**Hilton:1982:MTL**

- [686] J. W. Hilton, J. L. Atkinson, and S. J. Slinger. Maximum tolerable level, digestion, and metabolism of D-glucose (cerelose) in rainbow trout (*Salmo gairdneri*) reared on a practical trout diet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1229–1234, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-163>.

**Hauer:1982:ERH**

- [687] F. Richard Hauer and Jack A. Stanford. Ecological responses of hydropsychid caddisflies to stream regulation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1235–1242, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-164>.

**Hodson:1982:EGR**

- [688] Peter V. Hodson, D. George Dixon, Douglas J. Spry, D. M. Whittle, and John B. Sprague. Effect of growth rate and size of fish on rate of intoxication by waterborne lead. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1243–1251, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-165>.

**Mendelssohn:1982:DFR**

- [689] Roy Mendelssohn. Discount factors and risk aversion in managing random fish populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1252–1257, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-166>.

**Culp:1982:ALZ**

- [690] Joseph M. Culp and Ronald W. Davies. Analysis of longitudinal zonation and the river continuum concept in the Oldman–South Saskatchewan River system. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1258–1266, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-167>.

**Jackson:1982:MPW**

- [691] Michael B. Jackson and David C. Lasenby. A method for predicting winter oxygen profiles in ice-covered Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1267–1272, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-168>.

**Hansen:1982:AST**

- [692] Stephen R. Hansen and Ronald R. Garton. Ability of standard toxicity tests to predict the effects of the insecticide diflubenzuron on laboratory stream communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1273–1288, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-169>.

**Fraser:1982:ECB**

- [693] Grant A. Fraser and Harold H. Harvey. Elemental composition of bone from white sucker (*Catostomus commersoni*) in relation to lake acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1289–1296, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-170>.

**Ralston:1982:IHS**

- [694] Stephen Ralston. Influence of hook size in the Hawaiian deep-sea handline fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1297–1302, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-171>.

**Peterson:1982:PCJ**

- [695] N. P. Peterson. Population characteristics of juvenile Coho salmon (*Oncorhynchus kisutch*) overwintering in riverine ponds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1303–1307, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-172>.

**Peterson:1982:IJC**

- [696] N. P. Peterson. Immigration of juvenile Coho salmon (*Oncorhynchus kisutch*) into riverine ponds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1308–1310, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-173>.

**Scavia:1982:PRP**

- [697] Donald Scavia and Margaret J. McFarland. Phosphorus release patterns and the effects of reproductive stage and ecdysis in *Daphnia magna*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1310–1314, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-174>.

**Flaam:1982:CRN**

- [698] S. D. Flåm and S. Storøy. Capacity reduction on Norwegian industrial fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1314–1317, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-175>.

**Khan:1982:BPA**

- [699] R. A. Khan, M. Dawe, R. Bowering, and R. K. Misra. Blood protozoa as an aid for separating stocks of Greenland halibut, *Reinhardtius hippogloss-*

*soides*, in the Northwestern Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1317–1322, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-176>.

**Rigler:1982:RPA**

- [700] F. H. Rigler. Recognition of the possible: an advantage of empiricism in ecology. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1323–1331, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-177>.

**Anonymous:1982:BRCh**

- [701] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(9):1332, September 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-178>.

**Wilson:1982:RBT**

- [702] Kenneth H. Wilson and P. A. Larkin. Relationship between thickness of daily growth increments in sagittae and change in body weight of sockeye salmon (*Oncorhynchus nerka*) fry. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1335–1339, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-179>.

**Neilson:1982:OCS**

- [703] John D. Neilson and Glen H. Geen. Otoliths of Chinook salmon (*Oncorhynchus tshawytscha*): Daily growth increments and factors influencing their production. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1340–1347, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-180>.

**Incze:1982:CIB**

- [704] Lewis S. Incze, Lawrence M. Mayer, Evelyn B. Sherr, and Stephen A. Macko. Carbon inputs to bivalve mollusks: a comparison of two estuaries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien*

*des sciences halieutiques et aquatiques*, 39(10):1348–1352, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-181>.

**Kwain:1982:SBE**

- [705] Wen hwa Kwain. Spawning behavior and early life history of pink salmon (*Oncorhynchus gorbuscha*) in the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1353–1360, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-182>.

**Schweigert:1982:MPP**

- [706] J. F. Schweigert and D. Fournier. A model for predicting Pacific herring (*Clupea harengus pallasii*) spawn density from diver observations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1361–1365, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-183>.

**Smagula:1982:TSS**

- [707] Carl M. Smagula and Ira R. Adelman. Temperature and scale size errors in the use of [<sup>14</sup>C]Glycine uptake by scales as a growth index. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1366–1372, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-184>.

**Godkin:1982:PSI**

- [708] C. M. Godkin, W. J. Christie, and D. E. McAllister. Problems of species identity in the Lake Ontario seulpins *Cottus bairdi* and *C. cognatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1373–1382, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-185>.

**Newell:1982:EWO**

- [709] Roger I. E. Newell. An evaluation of the wet oxidation technique for use in determining the energy content of seston samples. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1383–1388, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-186>.

**Kovacs:1982:STC**

- [710] Tibor G. Kovacs and Gérard Leduc. Sublethal toxicity of cyanide to rainbow trout (*Salmo gairdneri*) at different temperatures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1389–1395, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-187>.

**Minton:1982:MGC**

- [711] Joseph W. Minton and Richard B. McLean. Measurements of growth and consumption of sauger (*Stizostedion canadense*): Implication for fish energetics studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1396–1403, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-188>.

**Jonsson:1982:RSD**

- [712] Bror Jonsson and Kjetil Hindar. Reproductive strategy of dwarf and normal Arctic charr (*Salvelinus alpinus*) from Vangsvatnet Lake, Western Norway. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1404–1413, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-189>.

**Hourston:1982:HCW**

- [713] A. S. Hourston. Homing by Canada's West Coast herring to management units and divisions as indicated by tag recoveries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1414–1422, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-190>.

**Castonguay:1982:CMD**

- [714] Martin Castonguay and Gérard J. FitzGerald. Critique de la méthode de distinction entre poissons anadromes et dulcicoles de la même espèce par la teneur en strontium de leurs écailles. (French) [Critique of the method of distinguishing between anadromous and freshwater fish of the same species by the strontium content of their scales]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1423–1425, October 1982. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-191>.

**Kovacs:1982:ATC**

- [715] Tibor G. Kovacs and Gérard Leduc. Acute toxicity of cyanide to rainbow trout (*Salmo gairdneri*) acclimated at different temperatures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1426–1429, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-192>.

**Anonymous:1982:LCLe**

- [716] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(10):1430–1431, October 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-193>.

**Feller:1982:EEC**

- [717] Robert J. Feller. Empirical estimates of carbon production for a meiobenthic harpacticoid copepod. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1435–1443, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-194>.

**Peterman:1982:MSA**

- [718] Randall M. Peterman. Model of salmon age structure and its use in pre-season forecasting and studies of marine survival. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1444–1452, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-195>.

**Dickson:1982:IHE**

- [719] T. A. Dickson and H. R. MacCrimmon. Influence of hatchery experience on growth and behavior of juvenile Atlantic salmon (*Salmo salar*) within allopatric and sympatric stream populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1453–1458, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-196>.



**Wright:1982:RMM**

- [720] David R. Wright and R. D. Hamilton. Release of methyl mercury from sediments: Effects of mercury concentration, low temperature, and nutrient addition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1459–1466, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-197>.

**Kimura:1982:SRA**

- [721] Daniel K. Kimura and Jack V. Tagart. Stock reduction analysis, another solution to the catch equations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1467–1472, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-198>.

**Grimard:1982:TUN**

- [722] Y. Grimard and H. G. Jones. Trophic upsurge in new reservoirs: a model for total phosphorus concentrations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1473–1483, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-199>.

**Richards:1982:DKA**

- [723] J. E. Richards, R. J. Beamish, and F. W. H. Beamish. Descriptions and keys for ammocoetes of lampreys from British Columbia, Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1484–1495, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-200>.

**Chadwick:1982:SRR**

- [724] E. M. P. Chadwick. Stock-recruitment relationship for Atlantic salmon (*Salmo salar*) in Newfoundland rivers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1496–1501, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-201>.

**Baltz:1982:CIB**

- [725] Donald M. Baltz, Peter B. Moyle, and Ned J. Knight. Competitive interactions between benthic stream fishes, riffle sculpin, *Cottus gulosus*, and speckled dace, *Rhinichthys osculus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1502–1511, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-202>.

**Cipriano:1982:IPG**

- [726] Rocco C. Cipriano. Immunogenic potential of growth products extracted from cultures of *Aeromonas salmonicida* for brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1512–1518, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-203>.

**Morrison:1982:HPX**

- [727] C. M. Morrison, G. Shum, R. G. Appy, P. Odense, and C. Annand. Histology and prevalence of X-cell lesions in Atlantic cod (*Gadus morhua*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1519–1530, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-204>.

**Heufelder:1982:EUL**

- [728] George R. Heufelder, David J. Jude, and Frank J. Tesar. Effects of upwelling on local abundance and distribution of larval alewife (*Alosa pseudoharengus*) in Eastern Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1531–1537, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-205>.

**Arai:1982:PMP**

- [729] Mary Needler Arai and Douglas E. Hay. Predation by medusae on Pacific herring (*Clupea harengus pallasii*) larvae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1537–1540, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-206>.

**Favro:1982:MGM**

- [730] L. D. Favro, P. K. Kuo, J. F. McDonald, D. D. Favro, and A. D. Kuo. A multilocus genetic model applied to the effects of selective fishing on the growth rate of trout. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1540–1543, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-207>.

**Anonymous:1982:LCLf**

- [731] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(11):1544–1548, November 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-208>.

**Anonymous:1982:AA**

- [732] Anonymous. Announcements/avis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1553, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-209>.

**Heming:1982:ETI**

- [733] T. A. Heming, J. E. McInerney, and D. F. Alderdice. Effect of temperature on initial feeding in alevins of Chinook salmon (*Oncorhynchus tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1554–1562, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-210>.

**Hartig:1982:CPL**

- [734] John H. Hartig, David J. Jude, and Marlene S. Evans. Cyclopid predation on Lake Michigan fish larvae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1563–1568, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-211>.

**Riessen:1982:PBP**

- [735] Howard P. Riessen. Predatory behavior and prey selectivity of the pelagic water mite *Piona constricta*. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1569–1579, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-212>.

**Silim:1982:STD**

- [736] A. Silim, M. A. S. Y. Elazhary, and A. Lagacé. Susceptibility of trouts of different species and origins to various isolates of infectious pancreatic necrosis virus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1580–1584, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-213>.

**Condrey:1982:ILG**

- [737] Richard E. Condrey. Ingestion-limited growth of aquatic animals: The case for blackman kinetics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1585–1595, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-214>.

**Roch:1982:HMR**

- [738] M. Roch, J. A. McCarter, A. T. Matheson, M. J. R. Clark, and R. W. Olafson. Hepatic metallothionein in rainbow trout (*Salmo gairdneri*) as an indicator of metal pollution in the Campbell River system. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1596–1601, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-215>.

**Vincent:1982:FCP**

- [739] Warwick F. Vincent and Connie L. Vincent. Factors controlling phytoplankton production in Lake Vanda (77°S). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1602–1609, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-216>.

**Kornfield:1982:SDA**

- [740] Irv Kornfield, Bruce D. Sidell, and P. S. Gagnon. Stock definition in Atlantic herring (*Clupea harengus harengus*): Genetic evidence for discrete fall and spring spawning populations. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1610–1621, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-217>.

**Beckett:1982:MCM**

- [741] David C. Beckett and Michael C. Miller. Macroinvertebrate colonization of multiplate samplers in the Ohio River: the effect of dams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1622–1627, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-218>.

**MacFarlane:1982:APC**

- [742] M. B. MacFarlane and T. F. Waters. Annual production by caddisflies and mayflies in a Western Minnesota Plains stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1628–1635, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-219>.

**Wurtsbaugh:1982:ECN**

- [743] Wayne A. Wurtsbaugh and Alexander J. Horne. Effects of copper on nitrogen fixation and growth of blue-green algae in natural plankton associations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1636–1641, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-220>.

**Harrison:1982:RIS**

- [744] Paul Garth Harrison and Richard E. Bigley. The recent introduction of the seagrass *Zostera japonica* Aschers. and Graebn. to the Pacific Coast of North America. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1642–1648, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-221>.

**Janssen:1982:CSB**

- [745] John Janssen. Comparison of searching behavior for zooplankton in an obligate planktivore, blueback herring (*Alosa aestivalis*) and a facultative planktivore, bluegill (*Lepomis macrochirus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 39(12):1649–1654, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-222>.

**Cammen:1982:DAA**

- [746] Leon M. Cammen and Judith A. Walker. Distribution and activity of attached and free-living suspended bacteria in the Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1655–1663, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-223>.

**Ni:1982:MVB**

- [747] I-H. Ni. Meristic variation in beaked redfishes, *Sebastes mentella* and *S. fasciatus*, in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1664–1685, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-224>.

**Roff:1982:RSF**

- [748] Derek A. Roff. Reproductive strategies in flatfish: a first synthesis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1686–1698, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-225>.

**Naiman:1982:CSO**

- [749] Robert J. Naiman. Characteristics of sediment and organic carbon export from pristine boreal forest watersheds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1699–1718, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-226>.

**Sydor:1982:UBL**

- [750] W. J. Sydor, W. R. Miller III, J. Cairns, Jr., and D. Gruber. Use of box and line plots to assess fish ventilatory behavior in biological monitoring systems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1719–1722, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-227>.

**Wolf:1982:III**

- [751] Ken Wolf and Maria E. Markiw. Ichthyophthiriasis: Immersion immunization of rainbow trout (*Salmo gairdneri*) using *Tetrahymena thermophila* as a protective immunogen. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1722–1725, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-228>.

**Kent:1982:CIP**

- [752] Michael L. Kent. Characteristics and identification of *Pasteurella* and *Vibrio* species pathogenic to fishes using API-20E (Analytab Products) multitube test strips. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1725–1729, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-229>.

**Anonymous:1982:BRCi**

- [753] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 39(12):1730, December 1982. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f82-230>.

**Anonymous:1983:EEa**

- [754] Anonymous. Editorial/Éditorial. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):1–2, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-001>.

**Rahel:1983:LPA**

- [755] Frank J. Rahel and John J. Magnuson. Low pH and the absence of fish species in naturally acidic Wisconsin lakes: Inferences for cultural acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):3–9, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-002>.

**Madenjian:1983:EBE**

- [756] C. P. Madenjian and D. J. Jude. Error bounds for estimates of entrained ichthyoplankton. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40 (1):10–16, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-003>.

**Ullrich:1983:SRF**

- [757] Sterling O. Ullrich, Jr. and Raymond E. Millemann. Survival, respiration, and food assimilation of *Daphnia magna* exposed to petroleum- and coal-derived oils at three temperatures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):17–26, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-004>.

**Prepas:1983:EPC**

- [758] E. E. Prepas and D. O. Trew. Evaluation of the phosphorus–chlorophyll relationship for lakes off the Precambrian Shield in Western Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):27–35, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-005>.

**Confer:1983:ZDB**

- [759] John L. Confer, Thomas Kaaret, and Gene E. Likens. Zooplankton diversity and biomass in recently acidified lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):36–42, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-006>.

**Csirke:1983:PMU**

- [760] J. Csirke and J. F. Caddy. Production modeling using mortality estimates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):43–51, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-007>.

**Lebel:1983:PDS**

- [761] J. Lebel, E. Pelletier, M. Bergeron, N. Belzile, and G. Marquis. Le panache du Saguenay. (French) [The panache of Saguenay]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):52–60, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-008>.



**Crim:1983:MSR**

- [762] L. W. Crim, D. M. Evans, and B. H. Vickery. Manipulation of the seasonal reproductive cycle of the landlocked Atlantic salmon (*Salmo salar*) by LHRH analogues administered at various stages of gonadal development. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):61–67, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-009>.

**Maude:1983:BCW**

- [763] Stephen H. Maude and D. Dudley Williams. Behavior of crayfish in water currents: Hydrodynamics of eight species with reference to their distribution patterns in Southern Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):68–77, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-010>.

**Evans:1983:RBB**

- [764] R. D. Evans and D. C. Lasenby. Relationship between body-lead concentration of *Mysis relicta* and sediment-lead concentration in Kootenay Lake, B.C. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):78–81, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-011>.

**Hilton:1983:EID**

- [765] J. W. Hilton, J. L. Atkinson, and S. J. Slinger. Effect of increased dietary fiber on the growth of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):81–85, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-012>.

**Ramamoorthy:1983:MSW**

- [766] S. Ramamoorthy, T. C. Cheng, and D. J. Kushner. Mercury speciation in water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):85–89, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-013>.

**Threader:1983:UNR**

- [767] R. W. Threader and A. H. Houston. Use of NaCl as a reference toxicant for goldfish, *Carassius auratus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):89–92, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-014>.

**Prepas:1983:TDS**

- [768] E. E. Prepas. Total dissolved solids as a predictor of lake biomass and productivity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):92–95, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-015>.

**Sinclair:1983:CSA**

- [769] M. Sinclair, R. O’Boyle, and T. D. Iles. Consideration of the stable age distribution assumption in “Analytical” yield models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):95–101, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-016>.

**Bullock:1983:PST**

- [770] G. L. Bullock, G. Maestrone, C. Starliper, and B. Schill. Potentiated sulfonamide therapy of enteric redmouth disease. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):101–102, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-017>.

**Anonymous:1983:BRCa**

- [771] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(1):103–104, January 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-018>.

**Hay:1983:PSP**

- [772] D. E. Hay and J. Fulton. Potential secondary production from herring spawning in the Strait of Georgia. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):109–113, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-019>.

**MacCrimmon:1983:MUL**

- [773] Hugh R. MacCrimmon, Christopher D. Wren, and Barra L. Gots. Mercury uptake by lake trout, *Salvelinus namaycush*, relative to age, growth, and diet in Tadénac Lake with comparative data from other PreCambrian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):114–120, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-020>.

**York:1983:AAF**

- [774] Anne E. York. Average age at first reproduction of the northern fur seal (*Callorhinus ursinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):121–127, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-021>.

**Duncan:1983:TRC**

- [775] D. A. Duncan and J. F. Klaverkamp. Tolerance and resistance to cadmium in white suckers (*Catostomus commersoni*) previously exposed to cadmium, mercury, zinc, or selenium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):128–138, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-022>.

**Jovellanos:1983:PMJ**

- [776] Cesario L. Jovellanos and David E. Gaskin. Predicting the movements of juvenile Atlantic herring (*Clupea harengus harengus*) in the SW Bay of Fundy using computer simulation techniques. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):139–146, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-023>.

**Lean:1983:CRM**

- [777] D. R. S. Lean and E. White. Chemical and radiotracer measurements of phosphorus uptake by lake plankton. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):147–155, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-024>.

**Planas:1983:LEA**

- [778] Dolores Planas and Alain Lamarche. Lack of effect of arsenic on phytoplankton communities in different nutrient conditions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):156–161, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-025>.

**Breck:1983:EFS**

- [779] James E. Breck and Michael J. Gitter. Effect of fish size on the reactive distance of bluegill (*Lepomis macrochirus*) sunfish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):162–167, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-026>.

**Harding:1983:FIS**

- [780] Gareth C. Harding, Ken F. Drinkwater, and W. Peter Vass. Factors influencing the size of American lobster (*Homarus americanus*) stocks along the Atlantic Coast of Nova Scotia, Gulf of St. Lawrence, and Gulf of Maine: a new synthesis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):168–184, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-027>.

**Kapuscinski:1983:DCS**

- [781] Anne R. D. Kapuscinski and James E. Lannan. On density of chum salmon (*Oncorhynchus keta*) eggs in shallow matrix substrate incubators. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):185–191, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-028>.

**Hoyer:1983:FAR**

- [782] Mark V. Hoyer and John R. Jones. Factors affecting the relation between phosphorus and chlorophyll *a* in midwestern reservoirs. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):192–199, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-029>.

**Campana:1983:MSF**

- [783] Steven E. Campana. Mortality of starry flounders (*Platichthys stellatus*) with skin tumors. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):200–207, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-030>.

**Priscu:1983:SDD**

- [784] John C. Priscu and Charles R. Goldman. Seasonal dynamics of the deep-chlorophyll maximum in Castle Lake, California. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):208–214, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-031>.

**Mulligan:1983:SSI**

- [785] T. J. Mulligan, L. Lapi, R. Kieser, S. B. Yamada, and D. L. Duerwer. Salmon stock identification based on elemental composition of vertebrae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):215–229, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-032>.

**Kruse:1983:STU**

- [786] Gordon H. Kruse and Albert V. Tyler. Simulation of temperature and upwelling effects on the English sole (*Parophrys vetulus*) spawning season. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):230–237, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-033>.

**Kruse:1983:RAS**

- [787] Gordon H. Kruse and Adriana Huyer. Relationships among shelf temperatures, coastal sea level, and the coastal upwelling index off Newport, Oregon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):238–242, February

1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-034>.

**Mitchell:1983:ACG**

- [788] Stephen J. Mitchell and Joseph J. Cech, Jr. Ammonia-caused gill damage in channel catfish (*Ictalurus punctatus*): Confounding effects of residual chlorine. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):242–247, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-035>.

**Anonymous:1983:LCLa**

- [789] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):248–251, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-036>.

**Anonymous:1983:BRCb**

- [790] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):253, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-037>.

**Anonymous:1983:CRPa**

- [791] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(2):255–256, February 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-038>.

**Gardner:1983:PRN**

- [792] Wayne S. Gardner, Thomas F. Nalepa, David R. Slavens, and Gwenyth A. Laird. Patterns and rates of nitrogen release by benthic chironomidae and oligochaeta. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):259–266, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-039>.

**Brodie:1983:PSG**

- [793] Paul Brodie and Brian Beck. Predation by sharks on the grey seal (*Halichoerus grypus*) in Eastern Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):267–271, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-040>.

**Majkowski:1983:EPU**

- [794] J. Majkowski and J. Hampton. The effect of parameter uncertainties in an age-length relationship upon estimating the age composition of catches. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):272–280, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-041>.

**Hardy:1983:CMR**

- [795] Ronald W. Hardy and Craig V. Sullivan. Canola meal in rainbow trout (*Salmo gairdneri*) production diets. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):281–286, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-042>.

**English:1983:PPR**

- [796] Karl K. English. Predator-prey relationships for juvenile Chinook salmon, *Oncorhynchus tshawytscha*, feeding on zooplankton in “in situ” enclosures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):287–297, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-043>.

**Landrum:1983:ISA**

- [797] Peter F. Landrum and Donald Scavia. Influence of sediment on anthracene uptake, depuration, and biotransformation by the amphipod *Hyaella azteca*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):298–305, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-044>.

**Niimi:1983:BTE**

- [798] A. J. Niimi. Biological and toxicological effects of environmental contaminants in fish and their eggs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):306–312, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-045>.

**Jamieson:1983:PSP**

- [799] G. S. Jamieson and R. A. Chandler. Paralytic shellfish poison in sea scallops (*Placopecten magellanicus*) in the West Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):313–318, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-046>.

**Jasper:1983:PPL**

- [800] Steve Jasper, Eddy C. Carmack, Ralph J. Daley, Colin B. J. Gray, Chris H. Pharo, and Ron C. Wiegand. Primary productivity in a large, temperate lake with river interflow: Kootenay Lake, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):319–327, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-047>.

**Borgmann:1983:PSC**

- [801] Uwe Borgmann and D. M. Whittle. Particle-size-conversion efficiency and contaminant concentrations in Lake Ontario biota. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):328–336, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-048>.

**Botsford:1983:EDN**

- [802] Louis W. Botsford, Richard D. Methot, Jr., and Warren E. Johnston. Effort dynamics of the Northern California Dungeness crab (*Cancer magister*) fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):337–346, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-049>.



**Wallace:1983:RMD**

- [803] Richard K. Wallace and John S. Ramsey. Reliability in measuring diet overlap. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):347–351, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-050>.

**Westrheim:1983:NMA**

- [804] S. J. Westrheim. A new method for allotting effort to individual species in a mixed-species trawl fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):352–360, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-051>.

**Mork:1983:IMF**

- [805] Jarle Mork, Per Solemdal, and Gunnar Sundnes. Identification of marine fish eggs: a biochemical genetics approach. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):361–369, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-052>.

**Leslie:1983:CWF**

- [806] J. K. Leslie. Cooling water flow velocity in relation to collection of entrained larval fish at power plants. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):370–373, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-053>.

**Burnison:1983:ICF**

- [807] B. Kent Burnison and Gary G. Leppard. Isolation of colloidal fibrils from lake water by physical separation techniques. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):373–381, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-054>.

**Anonymous:1983:LCLb**

- [808] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):382–384, March 1983. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-055>.

**Anonymous:1983:BRCc**

- [809] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(3):385–389, March 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-056>.

**Anonymous:1983:AAa**

- [810] Anonymous. Announcements/avis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):393–397, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-057>.

**Dill:1983:AFF**

- [811] Lawrence M. Dill. Adaptive flexibility in the foraging behavior of fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):398–408, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-058>.

**Winters:1983:ABD**

- [812] G. H. Winters. Analysis of the biological and demographic parameters of northern sand lance, *Ammodytes dubius*, from the Newfoundland Grand Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):409–419, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-059>.

**Miller:1983:NRD**

- [813] W. Roscoe Miller III, Albert C. Hendricks, and John Cairns, Jr. Normal ranges for diagnostically important hematological and blood chemistry characteristics of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):420–425, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-060>.

**Bax:1983:EMM**

- [814] Nicholas J. Bax. Early marine mortality of marked juvenile chum salmon (*Oncorhynchus keta*) released into Hood Canal, Puget Sound, Washington, in 1980. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):426–435, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-061>.

**McCuaig:1983:UGC**

- [815] Janet M. McCuaig and Roger H. Green. Unionid growth curves derived from annual rings: a baseline model for Long Point Bay, Lake Erie. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):436–442, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-062>.

**Gartner-Kepkay:1983:GDF**

- [816] K. E. Gartner-Kepkay, E. Zouros, L. M. Dickie, and K. R. Freeman. Genetic differentiation in the face of gene flow: a study of mussel populations from a single Nova Scotian embayment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):443–451, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-063>.

**Tschaplinski:1983:WDJ**

- [817] P. J. Tschaplinski and G. F. Hartman. Winter distribution of juvenile Coho salmon (*Oncorhynchus kisutch*) before and after logging in Carnation Creek, British Columbia, and some implications for overwinter survival. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):452–461, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-064>.

**Watt:1983:EAS**

- [818] W. D. Watt, C. D. Scott, and W. J. White. Evidence of acidification of some Nova Scotian rivers and its impact on Atlantic salmon, *Salmo solar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):462–473, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-065>.

**Himmelman:1983:SUS**

- [819] John H. Himmelman, Yves Lavergne, Fritz Axelsen, André Cardinal, and Edwin Bourget. Sea urchins in the Saint Lawrence Estuary: Their abundance, size-structure, and suitability for commercial exploitation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):474–486, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-066>.

**Dickie:1983:ECL**

- [820] L. M. Dickie, R. G. Dowd, and P. R. Boudreau. An echo counting and logging system (ECOLOG) for demersal fish size distributions and densities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):487–498, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-067>.

**Bams:1983:EGQ**

- [821] R. A. Bams. Early growth and quality of chum salmon (*Oncorhynchus keta*) produced in keeper channels and gravel incubators. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):499–505, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-068>.

**Evans:1983:TLD**

- [822] R. Douglas Evans and Frank H. Rigler. A test of lead-210 dating for the measurement of whole lake soft sediment accumulation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):506–515, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-069>.

**Clark:1983:IRB**

- [823] Jerry Clark and Bruce McCarl. An investigation of the relationship between Oregon Coho salmon (*Oncorhynchus kisutch*) hatchery releases and adult production utilizing law of the minimum regression. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):516–523, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-070>.

**Swartzman:1983:MAP**

- [824] Gordon L. Swartzman, Wayne M. Getz, Robert C. Francis, Robert T. Haar, and Kenneth Rose. A management analysis of the Pacific whiting (*Merluccius productus*) fishery using an age-structured stochastic recruitment model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):524–539, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-071>.

**Joule:1983:EMT**

- [825] Bruce J. Joule. An effective method for tagging marine polychaetes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):540–541, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-072>.

**Maki:1983:MDA**

- [826] James S. Maki, Michael E. Sierszen, and Charles C. Remsen. Measurements of dissolved adenosine triphosphate in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):542–547, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-073>.

**Anonymous:1983:LCLc**

- [827] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(4):548, April 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-074>.

**Ludwig:1983:APS**

- [828] D. Ludwig and R. Hilborn. Adaptive probing strategies for age-structured fish stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):559–569, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-075>.

**Evans:1983:AZC**

- [829] Hayla E. Evans, P. Jane Smith, and Peter J. Dillon. Anthropogenic zinc and cadmium burdens in sediments of selected Southern Ontario lakes.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):570–579, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-076>.

**Walker:1983:AMO**

- [830] K. D. Walker, R. B. Rettig, and R. Hilborn. Analysis of multiple objectives in Oregon Coho salmon policy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):580–587, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-077>.

**Schweigert:1983:OSD**

- [831] J. F. Schweigert and J. R. Sibert. Optimizing survey design for determining age structure of fish stocks: an example from British Columbia Pacific herring (*Clupea harengus pallasii*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):588–597, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-078>.

**Tremblay:1983:CGS**

- [832] M. John Tremblay and John C. Roff. Community gradients in the Scotian Shelf zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):598–611, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-079>.

**Myers:1983:PNM**

- [833] R. A. Myers and R. W. Doyle. Predicting natural mortality rates and reproduction–mortality trade-offs from fish life history data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):612–620, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-080>.

**Yan:1983:ECP**

- [834] Norman D. Yan. Effects of changes in pH on transparency and thermal regimes of Lohi Lake, near Sudbury, Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques*

*et aquatiques*, 40(5):621–626, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-081>.

**Vetter:1983:EMR**

- [835] Russell D. Vetter, Robert E. Hodson, and Connie Arnold. Energy metabolism in a rapidly developing marine fish egg, the red drum (*Sciaenops ocellata*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):627–634, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-082>.

**Macdonald:1983:RVU**

- [836] J. Stevenson Macdonald and R. H. Green. Redundancy of variables used to describe importance of prey species in fish diets. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):635–637, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-083>.

**Pugsley:1983:MFC**

- [837] C. W. Pugsley and H. B. N. Hynes. A modified freeze-core technique to quantify the depth distribution of fauna in stony streambeds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):637–643, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-084>.

**Black:1983:TSN**

- [838] Geoff A. Black. Taxonomy of a swimbladder nematode, *Cystidicola stigmatura* (Leidy), and evidence of its decline in the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):643–647, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-085>.

**Dalley:1983:PMA**

- [839] E. L. Dalley, C. W. Andrews, and J. M. Green. Precocious male Atlantic salmon parr (*Salmo salar*) in insular Newfoundland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):647–652, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-086>.

**Stewart:1983:MBM**

- [840] Patrick L. Stewart. Measurements of benthic macroinvertebrate standing crop from the Canadian Continental Shelf and Slope of Southern Davis Strait and Ungava Bay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):652–657, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-087>.

**Tarapchak:1983:SCD**

- [841] Stephen J. Tarapchak, David R. Slavens, Michael A. Quigley, and Judith S. Tarapchak. Silicon contamination in diatom nutrient enrichment experiments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):657–664, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-088>.

**Anonymous:1983:BRCD**

- [842] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(5):665–666, May 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-089>.

**Rimmer:1983:AHS**

- [843] D. M. Rimmer, U. Paim, and R. L. Saunders. Autumnal habitat shift of juvenile Atlantic salmon (*Salmo salar*) in a small river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):671–680, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-090>.

**Stewart:1983:EML**

- [844] Donald J. Stewart, David Weininger, Donald V. Rottiers, and Thomas A. Edsall. An energetics model for lake trout, *Salvelinus namaycush*: Application to the Lake Michigan population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):681–698, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-091>.



**D'Abramo:1983:CSP**

- [845] Louis R. D'Abramo, Nancy A. Baum, Clark E. Bordner, and Douglas E. Conklin. Carotenoids as a source of pigmentation in juvenile lobsters fed a purified diet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):699–704, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-092>.

**Payne:1983:SEP**

- [846] Jerry F. Payne, J. Kiceniuk, R. Misra, Garth Fletcher, and R. Thompson. Sublethal effects of petroleum hydrocarbons on adult American lobsters (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):705–717, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-093>.

**Fréchet:1983:UVB**

- [847] A. Fréchet, J. J. Dodson, and H. Powles. Use of variation in biological characters for the classification of anadromous rainbow smelt (*Osmerus mordax*) groups. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):718–727, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-094>.

**Bowen:1983:MRE**

- [848] W. D. Bowen and D. E. Sergeant. Mark–recapture estimates of harp seal pup (*Phoca groenlandica*) production in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):728–742, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-095>.

**Veith:1983:STR**

- [849] Gilman D. Veith, Daniel J. Call, and L. T. Brooke. Structure–toxicity relationships for the fathead minnow, *Pimephales promelas*: Narcotic industrial chemicals. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):743–748, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-096>.

**Tremblay:1983:PES**

- [850] M. John Tremblay and John C. Roff. Production estimates for Scotian Shelf copepods based on mass specific P/B ratios. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):749–753, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-097>.

**Frank:1983:MLF**

- [851] Kenneth T. Frank and William C. Leggett. Multispecies larval fish associations: Accident or adaptation? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):754–762, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-098>.

**Mackie:1983:UPI**

- [852] George O. Mackie and Claudia E. Mills. Use of the *Pisces IV* submersible for zooplankton studies in coastal waters of British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):763–776, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-099>.

**Peterson:1983:EMA**

- [853] R. H. Peterson and D. J. Martin-Robichaud. Embryo movements of Atlantic salmon (*Salmo salar*) as influenced by pH, temperature, and state of development. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):777–782, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-100>.

**McKee:1983:RAF**

- [854] Paul M. McKee and Gerald L. Mackie. Respiratory adaptations of the fingernail clams *Sphaerium occidentale* and *Musculium securis* to ephemeral habitats. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):783–791, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-101>.

**Konopka:1983:EMP**

- [855] Allan Konopka. Epilimnetic and metalimnetic primary production in an Indiana hardwater lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):792–798, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-102>.

**Galloway:1983:EAS**

- [856] James N. Galloway, Carl L. Schofield, Norman E. Peters, George R. Hendrey, and Elmar R. Altwicker. Effect of atmospheric sulfur on the composition of three Adirondack lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):799–806, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-103>.

**Gentner:1983:MPP**

- [857] S-R. Gentner. Measurement of primary productivity in dense algal cultures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):807–810, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-104>.

**Nalepa:1983:PRT**

- [858] Thomas F. Nalepa, Wayne S. Gardner, and John M. Malczyk. Phosphorus release by three kinds of benthic invertebrates: Effects of substrate and water medium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):810–813, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-105>.

**Gustafson-Marjanen:1983:SDP**

- [859] K. I. Gustafson-Marjanen and H. B. Dowse. Seasonal and diel patterns of emergence from the redd of Atlantic salmon (*Salmo salar*) fry. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):813–817, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-106>.

**Chow-Fraser:1983:APL**

- [860] Patricia Chow-Fraser and Hamish C. Duthie. Assessment of phosphorus limitation in an oligotrophic lake using radiophosphorus uptake kinetics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):817–821, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-107>.

**Boyce:1983:ESC**

- [861] N. P. Boyce and W. Craig Clarke. *Eubothrium salvelini* (Cestoda: Pseudophyllidea) impairs seawater adaptation of migrant sockeye salmon yearlings (*Oncorhynchus nerka*) from Babine Lake, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):821–824, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-108>.

**Rodgers:1983:WQM**

- [862] D. W. Rodgers and F. W. H. Beamish. Water quality modifies uptake of waterborne methylmercury by rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):824–828, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-109>.

**Anonymous:1983:BRCe**

- [863] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(6):829–830, June 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-110>.

**Schnute:1983:STF**

- [864] Jon Schnute and John Sibert. The salmon terminal fishery: a practical, comprehensive timing model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):835–853, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-111>.

**Foureman:1983:BEW**

- [865] Gary L. Foureman, Nathaniel B. White, Jr., and John R. Bend. Biochemical evidence that winter flounder (*Pseudopleuronectes americanus*) have

induced hepatic cytochrome P-450-dependent monooxygenase activities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):854–865, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-112>.

**Fowler:1983:LCS**

- [866] G. M. Fowler and S. J. Smith. Length changes in silver hake (*Merluccius bilinearis*) larvae: Effects of formalin, ethanol, and freezing. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):866–870, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-113>.

**Perry:1983:TMS**

- [867] R. Ian Perry, Bruce R. Dilke, and Timothy R. Parsons. Tidal mixing and summer plankton distributions in Hecate Strait, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):871–887, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-114>.

**Hanych:1983:NIM**

- [868] David A. Hanych, Michael R. Ross, Robert E. Magnien, and Amy L. Sugars. Nocturnal inshore movement of the mimic shiner (*Notropis volucellus*): a possible predator avoidance behavior. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):888–894, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-115>.

**Bates:1983:VZA**

- [869] Stephen S. Bates, Martin Létourneau, André Tessier, and Peter G. C. Campbell. Variation in zinc adsorption and transport during growth of *Chlamydomonas variabilis* (Chlorophyceae) in batch culture with daily addition of zinc. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):895–904, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-116>.

**Munro:1983:MSD**

- [870] Jean Munro and Jean-Claude Therriault. Migrations saisonnières du homard (*Homarus americanus*) entre la côte et les lagunes des Îles-de-la-

Madeleine. (French) [Seasonal migrations of the lobster (*Homarus americanus*) between the coast and the lagoons of the Madeleine Islands]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):905–918, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-117>.

**Roff:1983:PDM**

- [871] Derek A. Roff and W. Don Bowen. Population dynamics and management of the Northwest Atlantic harp seal (*Phoca groenlandica*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):919–932, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-118>.

**Besner:1983:MSM**

- [872] M. Besner and L. S. Smith. Modification of swimming mode and stamina in two stocks of Coho salmon (*Oncorhynchus kisutch*) by differing levels of long-term continuous exercise. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):933–939, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-119>.

**Nelson:1983:PEC**

- [873] Keith Nelson, Dennis Hedgecock, and Will Borgeson. Photoperiodic and ecdysial control of vitellogenesis in lobsters (*Homarus*) (Decapoda, Nephropidae). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):940–947, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-120>.

**Mallet:1983:GRS**

- [874] Andre L. Mallet and L. E. Haley. Growth rate and survival in pure population matings and crosses of the oyster *Crassostrea virginica*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):948–954, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-121>.

**McClatchie:1983:MSS**

- [875] Sam McClatchie and Carl M. Boyd. Morphological study of sieve efficiencies and mandibular surfaces in the Antarctic krill, *Euphausia superba*.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):955–967, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-122>.

**Hannesson:1983:BPF**

- [876] Rögnvaldur Hannesson. Bioeconomic production function in fisheries: Theoretical and empirical analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):968–982, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-123>.

**Gophen:1983:CSD**

- [877] Moshe Gophen, Ray W. Drenner, and Gary L. Vinyard. Cichlid stocking and the decline of the Galilee Saint Peter’s fish (*Sarotherodon galilaeus*) in Lake Kinneret, Israel. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):983–986, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-124>.

**Johnson:1983:HCS**

- [878] Lionel Johnson. Homeostatic characteristics of single species fish stocks in Arctic lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):987–1024, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-125>.

**Parsons:1983:SFO**

- [879] T. R. Parsons. Symposium on the Fisheries and Oceanography of the Strait of Georgia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):1025, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-126>.

**Luternauer:1983:SSG**

- [880] J. L. Luternauer, J. J. Clague, and C. H. Pharo. Substrates of the Strait of Georgia, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):1026–1032, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-127>.

**LeBlond:1983:SGF**

- [881] Paul H. LeBlond. The Strait of Georgia: functional anatomy of a coastal sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):1033–1063, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-128>.

**Harrison:1983:RBO**

- [882] P. J. Harrison, J. D. Fulton, F. J. R. Taylor, and T. R. Parsons. Review of the biological oceanography of the Strait of Georgia: Pelagic environment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):1064–1094, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-129>.

**Ketchen:1983:HPS**

- [883] K. S. Ketchen, N. Bourne, and T. H. Butler. History and present status of fisheries for marine fishes and invertebrates in the Strait of Georgia, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):1095–1119, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-130>.

**Levings:1983:RBS**

- [884] C. D. Levings, R. E. Foreman, and V. J. Tunnicliffe. Review of the benthos of the Strait of Georgia and contiguous fjords. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):1120–1141, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-131>.

**Waldichuk:1983:PSG**

- [885] Michael Waldichuk. Pollution in the Strait of Georgia: a review. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(7):1142–1167, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-132>.

**Anonymous:1983:BRcf**

- [886] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques*



*et aquatiques*, 40(7):1168, July 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-133>.

**Hawkins:1983:DFS**

- [887] Charles P. Hawkins, Michael L. Murphy, N. H. Anderson, and Margaret A. Wilzbach. Density of fish and salamanders in relation to riparian canopy and physical habitat in streams of the Northwestern United States. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1173–1185, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-134>.

**Hudon:1983:ISF**

- [888] Christiane Hudon, Edwin Bourget, and Pierre Legendre. An integrated study of the factors influencing the choice of the settling site of *Balanus crenatus* cyprid larvae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1186–1194, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-135>.

**Mccoy:1983:NLT**

- [889] George A. Mccoy. Nutrient limitation in two Arctic lakes, Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1195–1202, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-136>.

**Saunders:1983:ELE**

- [890] Richard L. Saunders, Eugene B. Henderson, Paul R. Harmon, C. Edward Johnston, and J. Geoffrey Eales. Effects of low environmental pH on smolting of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1203–1211, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-137>.

**Peterman:1983:EMO**

- [891] Randall M. Peterman and Richard D. Routledge. Experimental management of Oregon Coho salmon (*Oncorhynchus kisutch*): Designing for yield of information. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):

1212–1223, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-138>.

**Forstner:1983:TBD**

- [892] H. Forstner, S. Hinterleitner, K. Mähr, and W. Wieser. Towards a better definition of “Metamorphosis” in *Coregonus* sp.: Biochemical, histological, and physiological data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1224–1232, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-139>.

**Fournier:1983:AHS**

- [893] D. A. Fournier. An analysis of the Hecate Strait Pacific cod fishery using an age-structured model incorporating density-dependent effects. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1233–1243, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-140>.

**Black:1983:ODP**

- [894] Geoff A. Black. Origin, distribution, and postglacial dispersal of a swimbladder nematode, *Cystidicola stigmatura*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1244–1253, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-141>.

**Baker:1983:MAF**

- [895] M. D. Baker, P. T. S. Wong, Y. K. Chau, C. I. Mayfield, and W. E. Inniss. Methylation of arsenic by freshwater green algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1254–1257, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-142>.

**Carlson:1983:RIR**

- [896] David J. Carlson and Lawrence M. Mayer. Relative influences of riverine and macroalgal phenolic materials on UV absorbance in temperate coastal waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1258–1263, August 1983. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-143>.

**Halliburton:1983:RSA**

- [897] Richard Halliburton, R. E. Pipkin, and G. A. E. Gall. Reproductive success of artificially hybridized golden trout (*Salmo aguabonita*) and rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1264–1269, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-144>.

**Fish:1983:COC**

- [898] William Fish and François M. M. Morel. Characterization of organic copper-complexing agents released by *Daphnia magna*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1270–1277, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-145>.

**Archambault:1983:IDR**

- [899] Diane Archambault and Edwin Bourget. Importance du régime de dénudation sur la structure et la succession des communautés intertidales de substrat rocheux en milieu subarctique. (French) [Importance of the denudation regime on the structure and succession of intertidal bedrock communities in the subarctic environment]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1278–1292, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-146>.

**Andrews:1983:DAS**

- [900] John C. Andrews. Deformation of the active space in the low Reynolds number feeding current of calanoid copepods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1293–1302, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-147>.

**Carter:1983:FGG**

- [901] J. C. H. Carter, W. G. Sprules, M. J. Dadswell, and J. C. Roff. Factors governing geographical variation in body size of *Diaptomus minutus*

(Copepoda, Calanoida). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1303–1307, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-148>.

**Thayer:1983:DRC**

- [902] P. E. Thayer, J. W. Hurst, C. M. Lewis, R. Selvin, and C. M. Yentsch. Distribution of resting cysts of *Gonyaulax tamarensis* var. *excavata* and shellfish toxicity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1308–1314, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-149>.

**Herbes:1983:LQF**

- [903] Stephen E. Herbes and Carol P. Allen. Lipid quantification of freshwater invertebrates: Method modification for microquantitation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1315–1317, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-150>.

**Mundie:1983:MCS**

- [904] J. H. Mundie and R. E. Traber. Movements of Coho salmon (*Oncorhynchus kisutch*) fingerlings in a stream following marking with a vital stain. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1318–1319, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-151>.

**Mundie:1983:CCE**

- [905] J. H. Mundie and R. E. Traber. Carrying capacity of an enhanced side-channel for rearing salmonids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1320–1322, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-152>.

**Anonymous:1983:LCLd**

- [906] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1323–1324, August 1983. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-153>.

**Anonymous:1983:BRCg**

- [907] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1325, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-154>.

**Anonymous:1983:CRPb**

- [908] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(8):1327, August 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-155>.

**Gordon:1983:DEE**

- [909] Donald C. Gordon, Jr. and Con Desplanque. Dynamics and environmental effects of ice in the Cumberland Basin of the Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1331–1342, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-156>.

**Ashley:1983:HAN**

- [910] Kenneth Ian Ashley. Hypolimnetic aeration of a naturally eutrophic lake: Physical and chemical effects. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1343–1359, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-157>.

**Green:1983:AIP**

- [911] Roger H. Green, Shiva M. Singh, Beverly Hicks, and Janet M. McCuaig. An Arctic intertidal population of *Macoma balthica* (Mollusca, Pelecypoda): Genotypic and phenotypic components of population structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1360–1371, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-158>.

**Nordeng:1983:SCP**

- [912] Hans Nordeng. Solution to the “Char problem” based on Arctic char (*Salvelinus alpinus*) in Norway. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1372–1387, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-159>.

**Niimi:1983:BHL**

- [913] A. J. Niimi and B. G. Oliver. Biological half-lives of polychlorinated biphenyl (PCB) congeners in whole fish and muscle of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1388–1394, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-160>.

**Roff:1983:AMG**

- [914] Derek A. Roff. An allocation model of growth and reproduction in fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1395–1404, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-161>.

**Kirkwood:1983:EBG**

- [915] G. P. Kirkwood. Estimation of von Bertalanffy growth curve parameters using both length increment and age-length data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1405–1411, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-162>.

**Prepas:1983:OTT**

- [916] E. E. Prepas. Orthophosphate turnover time in shallow productive lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1412–1418, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-163>.

**Wurtsbaugh:1983:IEC**

- [917] Wayne A. Wurtsbaugh and A. J. Horne. Iron in eutrophic Clear Lake, California: Its importance for algal nitrogen fixation and growth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des*

*sciences halieutiques et aquatiques*, 40(9):1419–1429, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-164>.

**Bowen:1983:VAE**

- [918] W. D. Bowen, D. E. Sergeant, and T. Øritsland. Validation of age estimation in the harp seal, *Phoca groenlandica*, using dentinal annuli. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1430–1441, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-165>.

**Frank:1983:SVO**

- [919] Kenneth T. Frank and William C. Leggett. Survival value of an opportunistic life-stage transition in capelin (*Mallotus villosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1442–1448, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-166>.

**Pollock:1983:UAD**

- [920] K. H. Pollock and R. H. K. Mann. Use of an age-dependent mark-recapture model in fisheries research. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1449–1455, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-167>.

**Scarnecchia:1983:ASM**

- [921] Dennis L. Scarnecchia. Age at sexual maturity in Icelandic stocks of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1456–1468, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-168>.

**Marshall:1983:BEC**

- [922] J. S. Marshall, J. I. Parker, D. L. Mellinger, and C. Lei. Bioaccumulation and effects of cadmium and zinc in a Lake Michigan plankton community. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1469–1479, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-169>.

**Adams:1983:SOM**

- [923] S. M. Adams, B. L. Kimmel, and G. R. Ploskey. Sources of organic matter for reservoir fish production: a trophic-dynamics analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1480–1495, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-170>.

**Roff:1983:ACE**

- [924] Derek A. Roff. Analysis of catch/effort data: a comparison of three methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1496–1506, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-171>.

**Misra:1983:DBR**

- [925] R. K. Misra and I-H. Ni. Distinguishing beaked redfishes (deepwater redfish, *Sebastes mentella* and Labrador redfish, *S. fasciatus*) by discriminant analysis (with covariance) and multivariate analysis of covariance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1507–1511, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-172>.

**Mulcahy:1983:MDI**

- [926] Dan Mulcahy, Ron Pascho, and C. K. Jenes. Mortality due to infectious hematopoietic necrosis of sockeye salmon (*Oncorhynchus nerka*) fry in streamside egg incubation boxes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1511–1516, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-173>.

**Geraci:1983:BDT**

- [927] J. R. Geraci, D. J. St. Aubin, and R. J. Reisman. Bottlenose dolphins, *Tursiops truncatus*, can detect oil. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1516–1522, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-174>.



**Smith:1983:RBD**

- [928] T. G. Smith, J. R. Geraci, and D. J. St. Aubin. Reaction of bottlenose dolphins, *Tursiops truncatus*, to a controlled oil spill. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1522–1525, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-175>.

**Barica:1983:FSC**

- [929] J. Barica, J. Gibson, and W. Howard. Feasibility of snow clearing to improve dissolved oxygen conditions in a winterkill lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1526–1531, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-176>.

**Anonymous:1983:LCLe**

- [930] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1532–1538, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-177>.

**Anonymous:1983:BRCh**

- [931] Anonymous. Book review/compte rendu. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(9):1539, September 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-178>.

**Fortier:1983:VMT**

- [932] L. Fortier and W. C. Leggett. Vertical migrations and transport of larval fish in a partially mixed estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1543–1555, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-179>.

**Henderson:1983:DEP**

- [933] B. A. Henderson, J. J. Collins, and J. A. Reckahn. Dynamics of an exploited population of lake whitefish (*Coregonus clupeaformis*) in Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences = Journal*

*canadien des sciences halieutiques et aquatiques*, 40(10):1556–1567, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-180>.

**Culp:1983:RIS**

- [934] Joseph M. Culp, Sandra J. Walde, and Ronald W. Davies. Relative importance of substrate particle size and detritus to stream benthic macroinvertebrate microdistribution. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1568–1574, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-181>.

**Rombough:1983:ELP**

- [935] Peter J. Rombough. Effects of low pH on eyed embryos and alevins of Pacific salmon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1575–1582, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-182>.

**Weber:1983:EHS**

- [936] Jean-Michel Weber and Donald L. Kramer. Effects of hypoxia and surface access on growth, mortality, and behavior of juvenile guppies, *Poecilia reticulata*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1583–1588, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-183>.

**Cross:1983:PIR**

- [937] Patricia M. Cross and Frank H. Rigler. Phosphorus and iron retention in sediments measured by mass budget calculations and directly. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1589–1597, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-184>.

**Quinn:1983:OCS**

- [938] T. P. Quinn and C. Groot. Orientation of chum salmon (*Oncorhynchus keta*) after internal and external magnetic field alteration. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1598–1606, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-185>.

**Watras:1983:RCD**

- [939] Carl J. Watras. Reproductive cycles in diaptomid copepods: Effects of temperature, photocycle, and species on reproductive potential. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1607–1613, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-186>.

**Burnison:1983:CPE**

- [940] B. Kent Burnison. “Colloidal” phosphorus errors in gel chromatography. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1614–1621, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-187>.

**Ratliff:1983:CSL**

- [941] Donald E. Ratliff. *Ceratomyxa shasta*: Longevity, distribution, timing, and abundance of the infective stage in Central Oregon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1622–1632, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-188>.

**Weinstein:1983:PDE**

- [942] Michael P. Weinstein. Population dynamics of an estuarine-dependent fish, the spot (*Leiostomus xanthurus*), along a tidal creek–seagrass meadow coenocline. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1633–1638, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-189>.

**McMurtry:1983:SST**

- [943] M. J. McMurtry, D. J. Rapport, and K. E. Chua. Substrate selection by tubificid oligochaetes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1639–1646, October 1983. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-190>.

**Stout:1983:EPC**

- [944] R. Jean Stout and William E. Cooper. Effect of P-Cresol on leaf decomposition and invertebrate colonization in experimental outdoor streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1647–1657, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-191>.

**LaZerte:1983:SCI**

- [945] Bruce D. LaZerte. Stable carbon isotope ratios: Implications for the source of sediment carbon and for phytoplankton carbon assimilation in Lake Memphremagog, Quebec. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1658–1666, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-192>.

**Campbell:1983:GTA**

- [946] Alan Campbell. Growth of tagged American lobsters, *Homarus americanus*, in the Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1667–1675, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-193>.

**Arai:1983:PMP**

- [947] Hisao P. Arai and Dwight R. Mudry. Protozoan and metazoan parasites of fishes from the headwaters of the Parsnip and McGregor Rivers, British Columbia: a study of possible parasite transfaunations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1676–1684, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-194>.

**Moreau:1983:ZMS**

- [948] G. Moreau, C. Barbeau, J. J. Frenette, J. Saint-Onge, and M. Simoneau. Zinc, manganese, and strontium in opercula and scales of brook trout (*Salvelinus fontinalis*) as indicators of lake acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1685–1691, October 1983. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-195>.

**Sutcliffe:1983:NFL**

- [949] W. H. Sutcliffe, Jr., R. H. Loucks, K. F. Drinkwater, and A. R. Coote. Nutrient flux onto the Labrador Shelf from Hudson Strait and its biological consequences. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1692–1701, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-196>.

**Mundie:1983:RSZ**

- [950] J. H. Mundie, S. M. McKinnell, and R. E. Traber. Responses of stream zoobenthos to enrichment of gravel substrates with cereal grain and soybean. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1702–1712, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-197>.

**Canfield:1983:TSC**

- [951] Daniel E. Canfield, Jr., Kenneth A. Langeland, Michael J. Maccina, William T. Haller, Jerome V. Shireman, and John R. Jones. Trophic state classification of lakes with aquatic macrophytes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1713–1718, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-198>.

**Crecco:1983:DMR**

- [952] V. Crecco, T. Savoy, and L. Gunn. Daily mortality rates of larval and juvenile American shad (*Alosa sapidissima*) in the Connecticut River with changes in year-class strength. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1719–1728, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-199>.

**Newman:1983:EFP**

- [953] Raymond M. Newman and Frank B. Martin. Estimation of fish production rates and associated variances. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1729–1736, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-200>.

**Wren:1983:MLS**

- [954] Christopher D. Wren and Hugh R. MacCrimmon. Mercury levels in the sunfish, *Lepomis gibbosus*, relative to pH and other environmental variables of Precambrian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1737–1744, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-201>.

**Irvine:1983:SYR**

- [955] J. R. Irvine and T. G. Northcote. Selection by young rainbow trout (*Salmo gairdneri*) in simulated stream environments for live and dead prey of different sizes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1745–1749, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-202>.

**Collins:1983:ILS**

- [956] Nicholas C. Collins and W. G. Sprules. Introduction to large-scale comparative studies of lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1750–1751, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-203>.

**Gates:1983:PBT**

- [957] Michael A. Gates, Ann P. Zimmerman, W. Gary Sprules, and Roy Knoechel. Planktonic biomass trajectories in lake ecosystems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1752–1760, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-204>.

**Sprules:1983:SDP**

- [958] W. Gary Sprules, J. M. Casselman, and B. J. Shuter. Size distribution of pelagic particles in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):

1761–1769, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-205>.

**Peters:1983:SSP**

- [959] Robert Henry Peters. Size structure of the plankton community along the trophic gradient of Lake Memphremagog. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1770–1778, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-206>.

**Lewis:1983:RCL**

- [960] William M. Lewis, Jr. A revised classification of lakes based on mixing. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1779–1787, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-207>.

**Zimmerman:1983:PTS**

- [961] A. P. Zimmerman, K. M. Noble, M. A. Gates, and J. E. Paloheimo. Physicochemical typologies of South-Central Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1788–1803, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-208>.

**Paloheimo:1983:FIP**

- [962] J. E. Paloheimo and A. P. Zimmerman. Factors influencing phosphorus–phytoplankton relationships. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1804–1812, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-209>.

**Bays:1983:ZTS**

- [963] J. S. Bays and T. L. Crisman. Zooplankton and trophic state relationships in Florida lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1813–1819, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-210>.

**Collins:1983:IPF**

- [964] Nicholas C. Collins, Harold H. Harvey, Ann Jane Tierney, and David W. Dunham. Influence of predatory fish density on trapability of crayfish in Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1820–1828, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-211>.

**Schlesinger:1983:RBE**

- [965] David A. Schlesinger and Henry A. Regier. Relationship between environmental temperature and yields of subarctic and temperate zone fish species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1829–1837, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-212>.

**Shuter:1983:EPA**

- [966] B. J. Shuter, D. A. Schlesinger, and A. P. Zimmerman. Empirical predictors of annual surface water temperature cycles in North American lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1838–1845, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-213>.

**Anonymous:1983:BRCi**

- [967] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(10):1846–1849, October 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-214>.

**Brownlee:1983:NFP**

- [968] B. G. Brownlee and T. P. Murphy. Nitrogen fixation and phosphorus turnover in a hypertrophic prairie lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1853–1860, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-215>.



**McGlade:1983:EIS**

- [969] J. M. McGlade, M. C. Annand, and T. J. Kenchington. Electrophoretic identification of *Sebastes* and *Helicolenus* in the Northwestern Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1861–1870, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-216>.

**Collie:1983:EPS**

- [970] Jeremy S. Collie and Michael P. Sissenwine. Estimating population size from relative abundance data measured with error. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1871–1879, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-217>.

**McCarl:1983:IHS**

- [971] B. A. McCarl and R. B. Rettig. Influence of hatchery smolt releases on adult salmon production and its variability. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1880–1886, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-218>.

**Shortreed:1983:PBS**

- [972] Ken S. Shortreed and John G. Stockner. Periphyton biomass and species composition in a coastal rainforest stream in British Columbia: Effects of environmental changes caused by logging. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1887–1895, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-219>.

**Eilers:1983:HCL**

- [973] J. M. Eilers, G. E. Glass, K. E. Webster, and J. A. Rogalla. Hydrologic control of lake susceptibility to acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1896–1904, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-220>.

**Nero:1983:DMR**

- [974] R. W. Nero and D. W. Schindler. Decline of *Mysis relicta* during the acidification of Lake 223. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1905–1911, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-221>.

**Koslow:1983:ZCS**

- [975] J. Anthony Koslow. Zooplankton community structure in the North Sea and Northeast Atlantic: Development and test of a biological model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1912–1924, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-222>.

**Francis:1983:PTD**

- [976] Robert C. Francis. Population and trophic dynamics of Pacific hake (*Merluccius productus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1925–1943, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-223>.

**Pratt:1983:AGS**

- [977] Harold L. Pratt, Jr. and John G. Casey. Age and growth of the shortfin mako, *Isurus oxyrinchus*, using four methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1944–1957, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-224>.

**Campbell:1983:RPT**

- [978] A. Campbell and D. G. Robinson. Reproductive potential of three American lobster (*Homarus americanus*) stocks in the Canadian maritimes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1958–1967, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-225>.

**Murtaugh:1983:MLH**

- [979] Paul A. Murtaugh. Mysid life history and seasonal variation in predation pressure on zooplankton. *Canadian Journal of Fisheries and Aquatic Sci-*

ences = *Journal canadien des sciences halieutiques et aquatiques*, 40(11):1968–1974, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-226>.

**Bernstein:1983:SUS**

- [980] B. B. Bernstein, S. C. Schroeter, and K. H. Mann. Sea urchin (*Strongylocentrotus droebachiensis*) aggregating behavior investigated by a subtidal multifactorial experiment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1975–1986, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-227>.

**Hilton:1983:CAP**

- [981] J. W. Hilton, P. V. Hodson, H. E. Braun, J. L. Leatherland, and S. J. Slinger. Contaminant accumulation and physiological response in rainbow trout (*Salmo gairdneri*) reared on naturally contaminated diets. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1987–1994, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-228>.

**Lamberti:1983:GES**

- [982] Gary A. Lamberti and Vincent H. Resh. Geothermal effects on stream benthos: Separate influences of thermal and chemical components on periphyton and macroinvertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):1995–2009, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-229>.

**Borgmann:1983:ESG**

- [983] Uwe Borgmann. Effect of somatic growth and reproduction on biomass transfer up pelagic food webs as calculated from particle-size-conversion efficiency. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2010–2018, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-230>.

**Beacham:1983:SDA**

- [984] Terry D. Beacham and Clyde B. Murray. Sexual dimorphism in the adipose fin of Pacific salmon (*Oncorhynchus*). *Canadian Jour-*

*nal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2019–2024, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-231>.

**Ciborowski:1983:DLT**

- [985] Jan J. H. Ciborowski. Downstream and lateral transport of nymphs of two mayfly species (Ephemeroptera). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2025–2029, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-232>.

**Garman:1983:USF**

- [986] Greg C. Garman and Thomas F. Waters. Use of the size–frequency (Hynes) method to estimate annual production of a stream fish population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2030–2034, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-233>.

**Black:1983:CFN**

- [987] Geoff A. Black. *Cystidicola farionis* (Nematoda) as an indicator of lake trout (*Salvelinus namaycush*) of Bering ancestry. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2034–2040, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-234>.

**Scheerer:1983:ISS**

- [988] Paul D. Scheerer and Gary H. Thorgaard. Increased survival in salmonid hybrids by induced triploidy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2040–2044, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-235>.

**Balon:1983:EMR**

- [989] Eugene K. Balon. Epigenetic mechanisms: Reflections on evolutionary processes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2045–2058, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533

(electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-236>.

**Anonymous:1983:BRCj**

- [990] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(11):2059–2060, November 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-237>.

**Anonymous:1983:AAb**

- [991] Anonymous. Announcements/avis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2065, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-238>.

**Anonymous:1983:EEb**

- [992] Anonymous. Editorial/Éditorial. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2066–2068, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-239>.

**Charles:1983:OFIa**

- [993] Anthony T. Charles. Optimal fisheries investment: Comparative dynamics for a deterministic seasonal fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2069–2079, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-240>.

**Charles:1983:OFIb**

- [994] Anthony T. Charles. Optimal fisheries investment under uncertainty. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2080–2091, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-241>.

**Kjobbakken:1983:BDA**

- [995] J. Kjobbakken, I. Storrø, and H. Larsen. Bacteria decomposing amino acids in bulk-stored capelin (*Mallotus villosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 40(12):2092–2097, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-242>.

**Bams:1983:IDW**

- [996] R. A. Bams and C. N. H. Lam. Influence of deteriorating water quality on growth and development of chum salmon (*Oncorhynchus keta*) larvae in a Japanese-style keeper channel. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2098–2104, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-243>.

**Limsuwan:1983:SRB**

- [997] Chalor Limsuwan, Tasanee Limsuwan, John M. Grizzle, and John A. Plumb. Stress response and blood characteristics of channel catfish (*Ictalurus punctatus*) after anesthesia with etomidate. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2105–2112, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-244>.

**Cook:1983:SAS**

- [998] Rodney C. Cook. Simulation and application of stock composition estimators. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2113–2118, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-245>.

**Harder:1983:AET**

- [999] Howard W. Harder, Taryn V. Carter, and Terry F. Bidleman. Acute effects of toxaphene and its sediment-degraded products on estuarine fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2119–2125, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f83-246>.

**Mason:1983:SMF**

- [1000] J. C. Mason, R. J. Beamish, and G. A. McFarlane. Sexual maturity, fecundity, spawning, and early life history of sablefish (*Anoplopoma fimbria*) off the Pacific Coast of Canada. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2126–2134, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-247>.

**Robinson:1983:RRT**

- [1001] M. G. Robinson and L. N. Brown. A recurrent Red Tide in a British Columbia coastal lagoon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2135–2143, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-248>.

**Mathur:1983:SAT**

- [1002] Dilip Mathur, Robert M. Schutsky, Edmund J. Purdy, Jr., and Carl A. Silver. Similarities in avoidance temperatures of freshwater fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2144–2152, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-249>.

**Schnute:1983:NAE**

- [1003] Jon Schnute. A new approach to estimating populations by the removal method. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2153–2169, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-250>.

**Cohen:1983:SAS**

- [1004] Joel E. Cohen, Sigurd W. Christensen, and C. Phillip Goodyear. A stochastic age-structured population model of striped bass (*Morone saxatilis*) in the Potomac River. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2170–2183, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-251>.

**Cobb:1983:BDL**

- [1005] J. S. Cobb, T. Gulbransen, B. F. Phillips, D. Wang, and M. Syslo. Behavior and distribution of larval and early juvenile *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2184–2188, December

1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-252>.

**Steinnes:1983:TSA**

- [1006] Donald N. Steinnes and Raymond L. Raab. A time series approach to forecasting angling activity at a recreational site based on past successes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2189–2193, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-253>.

**Worlund:1983:EDI**

- [1007] Donald D. Worlund and Gib Taylor. Estimation of disease incidence in fish populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2194–2197, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-254>.

**Salinas:1983:SVW**

- [1008] I. M. Salinas and I. A. McLaren. Seasonal variation in weight-specific growth rates, feeding rates, and growth efficiencies in *Microgadus tomcod*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2197–2200, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-255>.

**Dea:1983:CII**

- [1009] S. Dea and M. A. S. Y. Elazhary. Counterimmunoelectrophoresis for identification of infectious pancreatic necrosis virus after isolation in cell culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2200–2203, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-256>.

**Rudd:1983:EWRa**

- [1010] John W. M. Rudd, Michael A. Turner, Akira Furutani, Alison L. Swick, and B. E. Townsend. The English–Wabigoon River system: I. A synthesis of recent research with a view towards mercury amelioration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2206–2217, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-257>.



**Rudd:1983:EWrb**

- [1011] John W. M. Rudd and Michael A. Turner. The English–Wabigoon River system: II. Suppression of mercury and selenium bioaccumulation by suspended and bottom sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2218–2227, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-258>.

**Turner:1983:EWra**

- [1012] Michael A. Turner and John W. M. Rudd. The English–Wabigoon River system: III. selenium in lake enclosures: Its geochemistry, bioaccumulation, and ability to reduce mercury bioaccumulation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2228–2240, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-259>.

**Turner:1983:EWrb**

- [1013] Michael A. Turner and Alison L. Swick. The English–Wabigoon River system: IV. Interaction between mercury and selenium accumulated from waterborne and dietary sources by northern pike (*Esox lucius*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2241–2250, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-260>.

**Rudd:1983:EWrc**

- [1014] John W. M. Rudd and Michael A. Turner. The English–Wabigoon River system: V. Mercury and selenium bioaccumulation as a function of aquatic primary productivity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2251–2259, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-261>.

**Anonymous:1983:LCLf**

- [1015] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2260–2262, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-262>.

**Anonymous:1983:BRCK**

- [1016] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 40(12):2263–2267, December 1983. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f83-263>.

**Legendre:1984:TDB**

- [1017] L. Legendre and S. Demers. Towards dynamic biological oceanography and limnology. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):2–19, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-001>.

**Somers:1984:AFC**

- [1018] Keith M. Somers and Harold H. Harvey. Alteration of fish communities in lakes stressed by acid deposition and heavy metals near Wawa, Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):20–29, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-002>.

**Jones:1984:NRD**

- [1019] E. P. Jones, D. Dyrssen, and A. R. Coote. Nutrient regeneration in deep Baffin Bay with consequences for measurements of the conservative tracer NO and fossil fuel CO<sub>2</sub> in the oceans. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):30–35, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-003>.

**Brown:1984:ITC**

- [1020] S. B. Brown, J. G. Eales, R. E. Evans, and Toshiaki J. Hara. Interrenal, thyroidal, and carbohydrate responses of rainbow trout (*Salmo gairdneri*) to environmental acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):36–45, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-004>.

**Brezonik:1984:PCF**

- [1021] Patrick L. Brezonik, Thomas L. Crisman, and Randy L. Schulze. Planktonic communities in Florida softwater lakes of varying pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):46–56, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-005>.

**Stauffer:1984:LMR**

- [1022] Robert E. Stauffer and David E. Armstrong. Lake mixing and its relationship to epilimnetic phosphorus in Shagawa Lake, Minnesota. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):57–69, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-006>.

**McDonald:1984:BLS**

- [1023] J. McDonald and J. M. Hume. Babine lake sockeye salmon (*Oncorhynchus nerka*) enhancement program: Testing some major assumptions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):70–92, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-007>.

**Somerton:1984:CBM**

- [1024] David A. Somerton and Jeffrey June. A cost-benefit method for determining optimum closed fishing areas to reduce the trawl catch of prohibited species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):93–98, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-008>.

**Botsford:1984:EIG**

- [1025] Louis W. Botsford. Effect of individual growth rates on expected behavior of the Northern California Dungeness crab (*Cancer magister*) fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):99–107, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-009>.

**Wheeler:1984:HAH**

- [1026] J. P. Wheeler and G. H. Winters. Homing of Atlantic herring (*Clupea harengus harengus*) in Newfoundland waters as indicated by tagging

data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):108–117, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-010>.

**Gaboury:1984:IWL**

- [1027] M. N. Gaboury and J. W. Patalas. Influence of water level draw-down on the fish populations of Cross Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):118–125, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-011>.

**Volk:1984:RBO**

- [1028] Eric C. Volk, Robert C. Wissmar, Charles A. Simenstad, and Douglas M. Eggers. Relationship between otolith microstructure and the growth of juvenile chum salmon (*Oncorhynchus keta*) under different prey rations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):126–133, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-012>.

**Dickie:1984:ISS**

- [1029] L. M. Dickie, P. R. Boudreau, and K. R. Freeman. Influences of stock and site on growth and mortality in the blue mussel (*Mytilus edulis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):134–140, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-013>.

**Barron:1984:NAP**

- [1030] Mace G. Barron and Ira R. Adelman. Nucleic acid, protein content, and growth of larval fish sublethally exposed to various toxicants. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):141–150, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-014>.

**Geraci:1984:SGH**

- [1031] J. R. Geraci, D. j. St. Aubin, I. K. Barker, V. S. Hinshaw, R. G. Webster, and H. L. Ruhnke. Susceptibility of grey (*Halichoerus grypus*) and harp (*Phoca groenlandica*) seals to the influenza virus and mycoplasma of epizootic pneumonia of harbor seals (*Phoca vitulina*). *Can-*

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):151–156, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-015>.

**Webb:1984:BFF**

- [1032] P. W. Webb. Body and fin form and strike tactics of four teleost predators attacking fathead minnow (*Pimephales promelas*) prey. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):157–165, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-016>.

**Brassard:1984:OUR**

- [1033] P. Brassard and J. C. Auclair. Orthophosphate uptake rate constants are mediated by the  $10^3$ – $10^4$  molecular weight fraction in Shield Lake waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):166–173, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-017>.

**Winnell:1984:AAC**

- [1034] Michael H. Winnell and David J. Jude. Associations among chironomidae and sandy substrates in nearshore Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):174–179, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-018>.

**Sugai:1984:TDO**

- [1035] Susan F. Sugai and David C. Burrell. Transport of dissolved organic carbon, nutrients, and trace metals from the Wilson and Blossom Rivers to Smeaton Bay, Southeast Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):180–190, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-019>.

**Taggart:1984:HAZ**

- [1036] Christopher T. Taggart. Hypolimnetic aeration and zooplankton distribution: a possible limitation to the restoration of cold-water fish production. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):191–198, January

1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-020>.

**Blake:1984:PST**

- [1037] Robert L. Blake, Franklin L. Roberts, and Richard L. Saunders. Parr-smolt transformation of Atlantic salmon (*Salmo salar*): Activities of two respiratory enzymes and concentrations of mitochondria in the liver. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):199–203, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-021>.

**vandenBerghe:1984:FSN**

- [1038] Eric P. van den Berghe and Mart R. Gross. Female size and nest depth in Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):204–206, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-022>.

**McCormick:1984:UAC**

- [1039] Michael J. McCormick and Stephen J. Tarapchak. Uncertainty analysis of calculated nutrient regeneration rates in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):206–211, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-023>.

**Majkowski:1984:CTM**

- [1040] Jacek Majkowski and William S. Hearn. Comparison of three methods for estimating the food intake of a fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):212–215, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-024>.

**Needler:1984:SFA**

- [1041] A. W. H. Needler. The seventy-fifth anniversary of two Canadian biological stations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):216–224, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-025>.

**Anonymous:1984:BRCa**

- [1042] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(1):225–226, January 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-026>.

**Conover:1984:UPZ**

- [1043] R. J. Conover and P. Mayzaud. Utilization of phytoplankton by zooplankton during the spring bloom in a Nova Scotia inlet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):232–244, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-027>.

**Mayzaud:1984:DDE**

- [1044] P. Mayzaud and R. J. Conover. Distribution of digestive enzymes in zooplankton during the spring bloom in a Nova Scotia inlet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):245–252, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-028>.

**Perrin:1984:IFL**

- [1045] C. J. Perrin, K. S. Shortreed, and J. G. Stockner. An integration of forest and lake fertilization: Transport and transformations of fertilizer elements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):253–262, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-029>.

**Carling:1984:DFC**

- [1046] Paul A. Carling. Deposition of fine and coarse sand in an open-work gravel bed. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):263–270, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-030>.

**Roland:1984:RMB**

- [1047] William G. Roland. Resource management biology for the edible kelp *Cymathere triplicata*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):

271–277, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-031>.

**Farlinger:1984:RCM**

- [1048] Susan P. Farlinger and Richard J. Beamish. Recent colonization of a major salmon-producing lake in British Columbia by Pacific lamprey (*Lampetra tridentata*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):278–285, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-032>.

**Cook:1984:DFI**

- [1049] Robert B. Cook. Distributions of ferrous iron and sulfide in an anoxic hypolimnion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):286–293, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-033>.

**Wroblewski:1984:IAW**

- [1050] J. S. Wroblewski and Jerry Cheney. Ichthyoplankton associated with a warm core ring off the Scotian Shelf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):294–303, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-034>.

**Dunn:1984:DLS**

- [1051] Jean R. Dunn and Beverly M. Vinter. Development of larvae of the saffron cod, *Eleginus gracilis*, with comments on the identification of gadid larvae in Pacific and Arctic waters contiguous to Canada and Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):304–318, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-035>.

**Gunn:1984:SSW**

- [1052] J. M. Gunn and W. Keller. Spawning site water chemistry and lake trout (*Salvelinus namaycush*) sac fry survival during spring snowmelt. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):319–329, February 1984.



CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-036>.

**Mahon:1984:DSF**

- [1053] Robin Mahon. Divergent structure in fish taxocenes of north temperate streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):330–350, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-037>.

**Prepas:1984:CPP**

- [1054] E. E. Prepas and J. Vickery. Contribution of particulate phosphorus ( $> 250 \mu m$ ) to the total phosphorus pool in lake water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):351–363, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-038>.

**Fraser:1984:BRB**

- [1055] Douglas F. Fraser and Edward E. Emmons. Behavioral response of blacknose dace (*Rhinichthys atratulus*) to varying densities of predatory creek chub (*Semotilus atromaculatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):364–370, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-039>.

**Bilinski:1984:CPM**

- [1056] E. Bilinski, N. P. Boyce, R. E. E. Jonas, and M. D. Peters. Characterization of protease from the myxosporean salmon parasite, *Heneguya salminicola*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):371–376, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-040>.

**Ryan:1984:FNC**

- [1057] P. M. Ryan. Fyke net catches as indices of the abundance of brook trout, *Salvelinus fontinalis*, and Atlantic salmon, *Salmo salar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):377–380, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-041>.

**Wrona:1984:IFT**

- [1058] Frederick J. Wrona and Ronald W. Davies. An improved flow-through respirometer for aquatic macroinvertebrate bioenergetic research. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):380–385, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-042>.

**Burnison:1984:EFL**

- [1059] B. Kent Burnison and Gary G. Leppard. Ethanol fraction of lacustrine colloidal fibrils. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):385–388, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-043>.

**Heggberget:1984:IEA**

- [1060] Tor G. Heggberget and Jeff C. Wallace. Incubation of the eggs of Atlantic salmon, *Salmo salar*, at low temperatures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):389–391, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-044>.

**Anonymous:1984:BRCb**

- [1061] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):392–393, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-045>.

**Anonymous:1984:CRPa**

- [1062] Anonymous. Corrections to recent publications/corrections sur récents publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(2):396, February 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-046>.

**Fournier:1984:ESC**

- [1063] D. A. Fournier, T. D. Beacham, B. E. Riddell, and C. A. Busack. Estimating stock composition in mixed stock fisheries using morphometric,

meristic, and electrophoretic characteristics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):400–408, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-047>.

**Tessier:1984:PEL**

- [1064] Alan J. Tessier. Periodicity of egg laying and egg age distributions in planktonic Cladocera. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):409–413, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-048>.

**Meng:1984:EMM**

- [1065] Hans Jürg Meng and Max Stocker. An evaluation of morphometrics and meristics for stock separation of Pacific herring (*Clupea harengus pallasii*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):414–422, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-049>.

**Trick:1984:EFI**

- [1066] Charles G. Trick, Raymond J. Andersen, and Paul J. Harrison. Environmental factors influencing the production of an antibacterial metabolite from a marine dinoflagellate, *Prorocentrum minimum*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):423–432, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-050>.

**Seim:1984:GSD**

- [1067] W. K. Seim, L. R. Curtis, S. W. Glenn, and G. A. Chapman. Growth and survival of developing steelhead trout (*Salmo gairdneri*) continuously or intermittently exposed to copper. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):433–438, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-051>.

**Hanson:1984:EPC**

- [1068] John Mark Hanson and Robert Henry Peters. Empirical prediction of crustacean zooplankton biomass and profundal macrobenthos biomass

in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):439–445, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-052>.

**Stollery:1984:OVU**

- [1069] K. Stollery. Optimal versus unregulated industry behavior in a Beverton–Holt multicohort fishery model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):446–450, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-053>.

**Kieser:1984:AEC**

- [1070] R. Kieser and T. J. Mulligan. Analysis of echo counting data: a model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):451–458, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-054>.

**Hesslein:1984:GPB**

- [1071] R. H. Hesslein and E. Slavicek. Geochemical pathways and biological uptake of radium in small Canadian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):459–468, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-055>.

**Rimmer:1984:CSM**

- [1072] D. M. Rimmer, U. Paim, and R. L. Saunders. Changes in the selection of microhabitat by juvenile Atlantic salmon (*Salmo salar*) at the summer–autumn transition in a small river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):469–475, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-056>.

**Healey:1984:IIP**

- [1073] M. C. Healey and W. R. Heard. Inter- and intra-population variation in the fecundity of Chinook salmon (*Oncorhynchus tshawytscha*) and its relevance to life history theory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):476–483, March 1984. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-057>.

**Breiwscck:1984:PDW**

- [1074] Jeffrey M. Breiwscck, L. Lee Eberhardt, and Howard W. Braham. Population dynamics of Western Arctic bowhead whales (*Balaena mysticetus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):484–496, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-058>.

**Canfield:1984:PCC**

- [1075] Daniel E. Canfield, Jr., Jerome V. Shireman, Douglas E. Colle, William T. Haller, Curtis E. Watkins II, and Michael J. Maceina. Prediction of chlorophyll *a* concentrations in Florida lakes: Importance of aquatic macrophytes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):497–501, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-059>.

**Fortier:1984:SSC**

- [1076] L. Fortier and W. C. Leggett. Small-scale covariability in the abundance of fish larvae and their prey. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):502–512, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-060>.

**Mills:1984:GEM**

- [1077] Edward L. Mills, Richard C. Ready, Michael Jahncke, Clare R. Hanger, and Cynthia Trowbridge. A gastric evacuation model for young yellow perch, *Perca flavescens*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):513–518, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-061>.

**Nichols:1984:DCF**

- [1078] D. J. Nichols and M. Weisbart. Dual cannulation of free-swimming Atlantic salmon, *Salmo salar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):519–521, March 1984. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-062>.

**Boulding:1984:CRP**

- [1079] E. G. Boulding and T. K. Hay. Crab response to prey density can result in density-dependent mortality of clams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):521–525, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-063>.

**Hartig:1984:OCP**

- [1080] John H. Hartig and David J. Jude. Opportunistic cyclopoid Prédation on fish larvae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):526–532, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-064>.

**Perkins:1984:ADH**

- [1081] Judith S. Perkins, Kenneth C. Balcomb III, George Nichols, Jr., and Marisa DeAvilla. Abundance and distribution of humpback whales (*Megaptera novaeangliae*) in West Greenland waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):533–536, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-065>.

**Maguire:1984:AMT**

- [1082] R. J. Maguire, P. T. S. Wong, and J. S. Rhamey. Accumulation and metabolism of tri-*n*-butyltin cation by a green alga, *Ankistrodesmus falcatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):537–540, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-066>.

**Parslow:1984:USC**

- [1083] J. S. Parslow, P. J. Harrison, and P. A. Thompson. Use of a self-cleaning, in-line filter to continuously monitor phytoplankton nutrient uptake rates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(3):540–544, March 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-067>.

**Newbury:1984:SIL**

- [1084] R. W. Newbury, G. K. McCullough, and R. E. Hecky. The Southern Indian Lake impoundment and Churchill River Diversion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):548–557, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-068>.

**Newbury:1984:SER**

- [1085] R. W. Newbury and G. K. McCullough. Shoreline erosion and restabilization in the Southern Indian Lake Reservoir. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):558–566, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-069>.

**Hecky:1984:EID**

- [1086] R. E. Hecky and G. K. McCullough. Effect of impoundment and diversion on the sediment budget and nearshore sedimentation of Southern Indian Lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):567–578, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-070>.

**Hecky:1984:TOC**

- [1087] R. E. Hecky. Thermal and optical characteristics of Southern Indian Lake before, during, and after impoundment and Churchill River Diversion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):579–590, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-071>.

**Hecky:1984:PPS**

- [1088] R. E. Hecky and S. J. Guildford. Primary productivity of Southern Indian Lake before, during, and after impoundment and Churchill River Diversion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):591–604, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-072>.

**Planas:1984:CPT**

- [1089] Dolores Planas and R. E. Hecky. Comparison of phosphorus turnover times in Northern Manitoba reservoirs with lakes of the Experimental

Lakes Area. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):605–612, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-073>.

**Patalas:1984:EID**

- [1090] K. Patalas and A. Salki. Effects of impoundment and diversion on the crustacean plankton of Southern Indian Lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):613–637, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-074>.

**Wiens:1984:EIR**

- [1091] Allen P. Wiens and David M. Rosenberg. Effect of impoundment and river diversion on profundal macrobenthos of Southern Indian Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):638–648, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-075>.

**Crawford:1984:BCN**

- [1092] Patrick J. Crawford and David M. Rosenberg. Breakdown of conifer needle debris in a new northern reservoir, Southern Indian Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):649–658, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-076>.

**Bilyj:1984:DTN**

- [1093] Bohdan Bilyj. Descriptions of two new species of Tanypodinae (Diptera: Chironomidae) from Southern Indian Lake, Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):659–671, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-077>.

**Rosenberg:1984:CDE**

- [1094] David M. Rosenberg, Bohdan Bilyj, and Allen P. Wiens. Chironomidae (Diptera) emerging from the littoral zone of reservoirs, with special reference to Southern Indian Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques*



*et aquatiques*, 41(4):672–681, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-078>.

**Bodaly:1984:IFM**

- [1095] R. A. Bodaly, R. E. Hecky, and R. J. P. Fudge. Increases in fish mercury levels in lakes flooded by the Churchill River Diversion, Northern Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):682–691, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-079>.

**Bodaly:1984:CLW**

- [1096] R. A. Bodaly, T. W. D. Johnson, R. J. P. Fudge, and J. W. Clayton. Collapse of the lake whitefish (*Coregonus clupeaformis*) fishery in Southern Indian Lake, Manitoba, following lake impoundment and river diversion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):692–700, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-080>.

**Fudge:1984:PWS**

- [1097] R. J. P. Fudge and R. A. Bodaly. Postimpoundment winter sedimentation and survival of lake whitefish (*Coregonus clupeaformis*) eggs in Southern Indian Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):701–705, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-081>.

**Bodaly:1984:RBN**

- [1098] R. A. Bodaly and L. F. W. Lesack. Response of a boreal northern pike (*Esox lucius*) population to lake impoundment: Wupaw Bay, Southern Indian Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):706–714, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-082>.

**Wagner:1984:PCF**

- [1099] M. W. Wagner. Postimpoundment change in financial performance of the Southern Indian Lake commercial fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et*

*aquatiques*, 41(4):715–719, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-083>.

**Hecky:1984:EIP**

- [1100] R. E. Hecky, R. W. Newbury, R. A. Bodaly, K. Patalas, and D. M. Rosenberg. Environmental impact prediction and assessment: the Southern Indian Lake experience. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(4):720–732, April 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-084>.

**Majkowski:1984:EDE**

- [1101] Jacek Majkowski, William S. Hearn, and Ronald L. Sandland. An experimental determination of the effect of increasing the minimum age (or size) of fish at capture upon the yield per recruit. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):736–743, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-085>.

**Iwata:1984:IER**

- [1102] Munehico Iwata and Shichiko Komatsu. Importance of estuarine residence for adaptation of chum salmon (*Oncorhynchus keta*) fry to seawater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):744–749, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-086>.

**Ramamoorthy:1984:UZC**

- [1103] S. Ramamoorthy and Karen Blumhagen. Uptake of Zn, Cd, and Hg by fish in the presence of competing compartments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):750–756, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-087>.

**Nurnberg:1984:BAS**

- [1104] Gertrud Nürnberg and Robert H. Peters. Biological availability of soluble reactive phosphorus in anoxic and oxic freshwaters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):757–765, May 1984. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-088>.

**LaZerte:1984:FAA**

- [1105] Bruce D. LaZerte. Forms of aqueous aluminum in acidified catchments of Central Ontario: a methodological analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):766–776, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-089>.

**Rooke:1984:MSL**

- [1106] J. Brian Rooke and Gerald L. Mackie. Mollusca of six low-alkalinity lakes in Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):777–782, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-090>.

**Evans:1984:PGS**

- [1107] Geoffrey T. Evans, Jake C. Rice, and E. Michael P. Chadwick. Patterns in growth and smolting of Atlantic salmon (*Salmo salar*) parr. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):783–797, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-091>.

**Haug:1984:VDA**

- [1108] Tore Haug, Elin Kjørsvik, and Per Solemdal. Vertical distribution of Atlantic halibut (*Hippoglossus hippoglossus*) eggs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):798–804, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-092>.

**Waltman:1984:MID**

- [1109] W. Douglas Waltman and Emmett B. Shotts, Jr. A medium for the isolation and differentiation of *Yersinia ruckeri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):804–806, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-093>.

**Amend:1984:CPU**

- [1110] Donald F. Amend, Terry McDowell, and Ronald P. Hedrick. Characteristics of a previously unidentified virus from channel catfish (*Ictalurus punctatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):807–811, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-094>.

**Messer:1984:ISC**

- [1111] Jay J. Messer, Jimmy Ho, and William J. Grenney. Ionic strength correction for extent of ammonia ionization in freshwater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):811–815, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-095>.

**Kalff:1984:MAT**

- [1112] J. Kalff and E. Bentzen. A method for the analysis of total nitrogen in natural waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):815–819, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-096>.

**Fletcher:1984:SPV**

- [1113] G. L. Fletcher, M. H. Kao, and K. Haya. Seasonal and phenotypic variations in plasma protein antifreeze levels in a population of marine fish, sea raven (*Hemitripterus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):819–824, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-097>.

**Anonymous:1984:LCLa**

- [1114] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(5):825–834, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-098>.

**Anonymous:1984:BRCC**

- [1115] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques*

*et aquatiques*, 41(5):835–836, May 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f84-099>.

**Aguilar:1984:RDD**

- [1116] Alex Aguilar. Relationship of DDE/ $\Sigma$  DDT in marine mammals to the chronology of DDT input into the ecosystem. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):840–844, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f84-100>.

**Riley:1984:RIP**

- [1117] E. T. Riley and E. E. Prepas. Role of internal phosphorus loading in two shallow, productive lakes in Alberta, Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):845–855, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f84-101>.

**Grant:1984:BPGa**

- [1118] W. Stewart Grant and Fred M. Utter. Biochemical population genetics of Pacific herring (*Clupea pallasii*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):856–864, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f84-102>.

**Frenette:1984:BTS**

- [1119] Jean-Jacques Frenette and Julian J. Dodson. Brook trout (*Salvelinus fontinalis*) population structure in acidified Lac Tantaré, Quebec. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):865–877, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f84-103>.

**Oliver:1984:UCO**

- [1120] Barry G. Oliver. Uptake of chlorinated organics from anthropogenically contaminated sediments by oligochaete worms. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):878–883, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f84-104>.

**Specht:1984:SFR**

- [1121] Winona L. Specht, Donald S. Cherry, Richard A. Lechleitner, and John Cairns, Jr. Structural, functional, and recovery responses of stream invertebrates to fly ash effluent. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):884–896, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-105>.

**Murawski:1984:MSY**

- [1122] S. A. Murawski. Mixed-species yield-per-recruitment analyses accounting for technological interactions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):897–916, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-106>.

**Scarnecchia:1984:COV**

- [1123] Dennis L. Scarnecchia. Climatic and oceanic variations affecting yield of Icelandic stocks of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):917–935, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-107>.

**Schnute:1984:BMA**

- [1124] Jon Schnute and Skip McKinnell. A biologically meaningful approach to response surface analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):936–953, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-108>.

**Frenette:1984:IDP**

- [1125] M. Frenette, M. Caron, P. Julien, and R. J. Gibson. Interaction entre le débit et les populations de tacons (*Salmo salar*) de la rivière Matamec, Québec. (French) [Interaction between the flow and the populations of parr (*Salmo salar*) of the Matamec River, Quebec]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):954–963, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-109>.

**Kuserk:1984:SMD**

- [1126] Frank T. Kuserk, Louis A. Kaplan, and Thomas L. Bott. In situ measures of dissolved organic carbon flux in a rural stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):964–973, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-110>.

**Peterson:1984:MTA**

- [1127] Hans G. Peterson, F. Patrick Healey, and Rudolf Wagemann. Metal toxicity to algae: a highly pH dependent phenomenon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):974–979, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-111>.

**Benfey:1984:UEM**

- [1128] T. J. Benfey, A. M. Sutterlin, and R. J. Thompson. Use of erythrocyte measurements to identify triploid salmonids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):980–984, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-112>.

**El-Shaarawi:1984:CNL**

- [1129] A. H. El-Shaarawi and M. A. Neilson. Changes in nutrient levels of lake water stored at 4 °C. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):985–988, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-113>.

**Roff:1984:ELH**

- [1130] Derek A. Roff. The evolution of life history parameters in teleosts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):989–1000, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-114>.

**Anonymous:1984:LCLb**

- [1131] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):1001–1002, June 1984. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-115>.

**Anonymous:1984:BRCd**

- [1132] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(6):1003, June 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-116>.

**Sluczanowski:1984:MOM**

- [1133] Philip R. Sluczanowski. A management oriented model of an abalone fishery whose substocks are subject to pulse fishing. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1008–1014, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-117>.

**Bird:1984:ERB**

- [1134] D. F. Bird and J. Kalff. Empirical relationships between bacterial abundance and chlorophyll concentration in fresh and marine waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1015–1023, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-118>.

**Guyomard:1984:EVG**

- [1135] R. Guyomard, C. Grévisse, F. X. Oury, and P. Davaine. Évolution de la variabilité génétique inter et intra-populations de populations de Salmonidés issues de mêmes pools géniques. (French) [Evolution of the inter- and intra-population genetic variability of populations of Salmonidae derived from the same gene pools]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1024–1029, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-119>.

**Schmitt:1984:BPZ**

- [1136] Christopher J. Schmitt, F. James Dwyer, and Susan E. Finger. Bioavailability of Pb and Zn from mine tailings as indicated by erythrocyte  $\delta$ -aminolevulinic acid dehydratase (ALA-D) activity in suckers (Pisces: Catostomidae). *Canadian Journal of Fisheries and Aquatic Sciences*



= *Journal canadien des sciences halieutiques et aquatiques*, 41(7):1030–1040, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-120>.

**Berg:1984:REA**

- [1137] William J. Berg and Stephen D. Ferris. Restriction endonuclease analysis of salmonid mitochondrial DNA. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1041–1047, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-121>.

**Stephenson:1984:SDP**

- [1138] G. L. Stephenson, P. Hamilton, N. K. Kaushik, J. B. Robinson, and K. R. Solomon. Spatial distribution of plankton in enclosures of three sizes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1048–1054, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-122>.

**Sinclair:1984:TSA**

- [1139] M. Sinclair and M. J. Tremblay. Timing of spawning of Atlantic herring (*Clupea harengus harengus*) populations and the Match–Mismatch Theory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1055–1065, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-123>.

**Peterson:1984:IVP**

- [1140] R. H. Peterson. Influence of varying pH and some inorganic cations on the perivitelline potential of eggs of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1066–1069, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-124>.

**Carl:1984:DEF**

- [1141] L. M. Carl and M. C. Healey. Differences in enzyme frequency and body morphology among three juvenile life history types of Chinook salmon (*Oncorhynchus tshawytscha*) in the Nanaimo River, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1070–1077, July 1984.

CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-125>.

**Quinn:1984:HSC**

- [1142] Thomas P. Quinn and Kurt Fresh. Homing and straying in Chinook salmon (*Oncorhynchus tshawytscha*) from Cowlitz River Hatchery, Washington. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1078–1082, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-126>.

**Grant:1984:BPGb**

- [1143] W. Stewart Grant, David J. Teel, Tokimasa Kobayashi, and Cyreis Schmitt. Biochemical population genetics of Pacific halibut (*Hippoglossus stenolepis*) and comparison with Atlantic halibut (*H. hippoglossus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1083–1088, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-127>.

**Pace:1984:ZCS**

- [1144] Michael L. Pace. Zooplankton community structure, but not biomass, influences the phosphorus–chlorophyll *a* relationship. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1089–1096, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-128>.

**Scrivener:1984:LIS**

- [1145] J. C. Scrivener and B. C. Andersen. Logging impacts and some mechanisms that determine the size of spring and summer populations of Coho salmon fry (*Oncorhynchus kisutch*) in Carnation Creek, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1097–1105, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-129>.

**Anderson:1984:ELH**

- [1146] John T. Anderson. Early life history of redbfish (*Sebastes* spp.) on Flemish Cap. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1106–1116, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-130>.

**Peterson:1984:MRF**

- [1147] Ingrid Peterson and J. S. Wroblewski. Mortality rate of fishes in the pelagic ecosystem. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1117–1120, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-131>.

**Larkin:1984:CEI**

- [1148] P. A. Larkin. A commentary on environmental impact assessment for large projects affecting lakes and streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1121–1127, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-132>.

**Anonymous:1984:BRCE**

- [1149] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(7):1128, July 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-133>.

**Hall:1984:EDR**

- [1150] Ronald J. Hall and Gene E. Likens. Effect of discharge rate on biotic and abiotic chemical flux in an acidified stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1132–1138, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-134>.

**Sutterlin:1984:AFM**

- [1151] A. M. Sutterlin and D. MacLean. Age at first maturity and the early expression of oocyte recruitment processes in two forms of Atlantic salmon (*Salmo salar*) and their hybrids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1139–1149, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-135>.

**Winans:1984:MMV**

- [1152] Gary A. Winans. Multivariate morphometric variability in Pacific salmon: Technical demonstration. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1150–1159, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-136>.

**Karpoff:1984:IML**

- [1153] Jonathan M. Karpoff. Insights from the markets for limited entry permits in Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1160–1166, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-137>.

**Carter:1984:USL**

- [1154] J. C. H. Carter, M. J. Dadswell, and K. Goudie. Univoltine and semivoltine life histories in *Senecella calanoides* (Copepoda: Calanoida) and their relationship to body size. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1167–1175, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-138>.

**Dunbrack:1984:TDP**

- [1155] Robert L. Dunbrack and Lawrence M. Dill. Three-dimensional prey reaction field of the juvenile Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1176–1182, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-139>.

**Schwarz:1984:RPH**

- [1156] Abby L. Schwarz and Galen L. Greer. Responses of Pacific herring, *Clupea harengus pallasii*, to some underwater sounds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1183–1192, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-140>.

**Leggett:1984:MHR**

- [1157] W. C. Leggett, K. T. Frank, and J. E. Carscadden. Meteorological and hydrographic regulation of year-class strength in capelin (*Mallotus villosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal*

*canadien des sciences halieutiques et aquatiques*, 41(8):1193–1201, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-141>.

**Springer:1984:ECM**

- [1158] Alan M. Springer, David G. Roseneau, Edward C. Murphy, and Martha I. Springer. Environmental controls of marine food webs: Food habits of seabirds in the Eastern Chukchi Sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1202–1215, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-142>.

**Crecco:1984:EFH**

- [1159] Victor A. Crecco and Thomas F. Savoy. Effects of fluctuations in hydrographic conditions on year-class strength of American shad (*Alosa sapidissima*) in the Connecticut River. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1216–1223, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-143>.

**From:1984:SUG**

- [1160] Jon From and Viggo Hørlyck. Sites of uptake of geosmin, a cause of earthy-flavor, in rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1224–1226, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-144>.

**Caddy:1984:MSN**

- [1161] J. F. Caddy. Method of solving for natural mortality rate for stock components with different schedules of growth and mortality. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1226–1230, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-145>.

**Swain:1984:SPV**

- [1162] D. P. Swain and C. C. Lindsey. Selective predation for vertebral number of young sticklebacks, *Gasterosteus aculeatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 41(8):1231–1233, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-146>.

**Scarnecchia:1984:FYT**

- [1163] Dennis L. Scarnecchia. Forecasting yields of two-sea-winter Atlantic salmon (*Salmo salar*) from Icelandic rivers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1234–1240, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-147>.

**Gensemer:1984:GRF**

- [1164] Robert W. Gensemer and Susan Soltau Kilham. Growth rates of five freshwater algae in well-buffered acidic media. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1240–1243, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-148>.

**Blazer:1984:EDI**

- [1165] Vicki S. Blazer and Richard E. Wolke. Effect of diet on the immune response of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1244–1247, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-149>.

**Pringle:1984:SSF**

- [1166] Catherine M. Pringle and James A. Bowers. An in situ substratum fertilization technique: Diatom colonization on nutrient-enriched, sand substrata. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1247–1251, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-150>.

**Rudstam:1984:SSP**

- [1167] Lars G. Rudstam, John J. Magnuson, and William M. Tonn. Size selectivity of passive fishing gear: a correction for encounter probability applied to gill nets. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1252–1255, August 1984. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-151>.

**Gorham:1984:EEA**

- [1168] Eville Gorham, Suzanne E. Bayley, and David W. Schindler. Ecological effects of acid deposition upon peatlands: a neglected field in “Acid-Rain” research. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1256–1268, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-152>.

**Anonymous:1984:LCLc**

- [1169] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1269–1270, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-153>.

**Anonymous:1984:BRcf**

- [1170] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1271–1273, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-154>.

**Anonymous:1984:CRPb**

- [1171] Anonymous. Corrections to recent publications/corrections sur récents publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(8):1276, August 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-155>.

**MacFarsane:1984:DCF**

- [1172] R. Bruce MacFarsane. Determination of corticosteroids in fish plasma by high performance liquid chromatography: Evaluation of the method using striped bass (*Morone saxatilis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1280–1286, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-156>.

**Murtaugh:1984:VGR**

- [1173] Paul A. Murtaugh. Variable gut residence time: Problems in inferring feeding rate from stomach fullness of a mysid crustacean. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1287–1293, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-157>.

**Frank:1984:SEC**

- [1174] K. T. Frank and W. C. Leggett. Selective exploitation of capelin (*Malotus villosus*) eggs by winter flounder (*Pseudopleuronectes americanus*): Capelin egg mortality rates, and contribution of egg energy to the annual growth of flounder. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1294–1302, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-158>.

**Borgmann:1984:ZPF**

- [1175] U. Borgmann, H. Shear, and J. Moore. Zooplankton and potential fish production in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1303–1309, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-159>.

**Whalen:1984:ITL**

- [1176] S. C. Whalen and V. Alexander. Influence of temperature and light on rates of inorganic nitrogen transport by algae in an Arctic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1310–1318, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-160>.

**Quinn:1984:PSO**

- [1177] Thomas P. Quinn and Cornelis Groot. Pacific salmon (*Oncorhynchus*) migrations: Orientation versus random movement. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1319–1324, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-161>.



**Kimura:1984:GSR**

- [1178] Daniel K. Kimura, James W. Balsiger, and Daniel H. Ito. Generalized stock reduction analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1325–1333, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-162>.

**Derby:1984:LST**

- [1179] Jennifer G. Smith Derby and Judith M. Capuzzo. Lethal and sublethal toxicity of drilling fluids to larvae of the American lobster, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1334–1340, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-163>.

**Nakashima:1984:SET**

- [1180] Brian S. Nakashima and G. H. Winters. Selection of external tags for marking Atlantic herring (*Clupea harengus harengus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1341–1348, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-164>.

**Myers:1984:DCP**

- [1181] R. A. Myers. Demographic consequences of precocious maturation of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1349–1353, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-165>.

**Hackett:1984:EPE**

- [1182] Jeremy L. Hackett, William H. Lynch, William D. Paterson, and David H. Coombs. Extracellular protease, extracellular haemolysin, and virulence in *Aeromonas salmonicida*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1354–1360, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-166>.

**Rago:1984:SIL**

- [1183] Paul J. Rago and Robert M. Dorazio. Statistical inference in life-table experiments: The finite rate of increase. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1361–1374, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-167>.

**Hetrick:1984:ICS**

- [1184] F. M. Hetrick, L. W. Hall, Jr., S. Wolski, W. C. Graves, B. S. Robertson, and D. T. Burton. Influence of chlorine on the susceptibility of striped bass (*Morone saxatilis*) to *Vibrio anguillarum*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1375–1380, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-168>.

**Edwards:1984:CGW**

- [1185] R. R. C. Edwards. Comparisons of growth in weight of temperate and tropical marine fish counterparts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1381–1384, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-169>.

**Atkinson:1984:EAI**

- [1186] J. L. Atkinson, J. W. Hilton, and S. J. Slinger. Evaluation of acid-insoluble ash as an indicator of feed digestibility in rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1384–1386, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-170>.

**Benfey:1984:GGD**

- [1187] Tillmann J. Benfey and Arnold M. Sutterlin. Growth and gonadal development in triploid landlocked Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1387–1392, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-171>.

**Healey:1984:MAC**

- [1188] M. C. Healey. Multiattribute analysis and the concept of optimum yield. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1393–1406, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-172>.

**Anonymous:1984:BRCg**

- [1189] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(9):1407–1408, September 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-173>.

**Parkinson:1984:GVP**

- [1190] Eric A. Parkinson. Genetic variation in populations of steelhead trout (*Salmo gairdneri*) in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1412–1420, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-174>.

**Jacobson:1984:PSS**

- [1191] L. D. Jacobson, R. L. Torblaa, and R. H. Morman. Problems with samples of sea lamprey (*Petromyzon marinus*) ammocoetes used in stock identification studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1421–1427, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-175>.

**Taggart:1984:ELV**

- [1192] Christopher T. Taggart and William C. Leggett. Efficiency of large-volume plankton pumps, and evaluation of a design suitable for deployment from small boats. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1428–1435, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-176>.

**Priscu:1984:INU**

- [1193] John C. Priscu and Linda R. Priscu. Inorganic nitrogen uptake in oligotrophic Lake Taupo, New Zealand. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1436–1445, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-177>.

**Smoker:1984:GED**

- [1194] William W. Smoker. Genetic effect on the dynamics of a model of pink (*Oncorhynchus gorbuscha*) and chum (*O. keta*) salmon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1446–1453, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-178>.

**Leider:1984:SCS**

- [1195] Steven A. Leider, Mark W. Chilcote, and John J. Loch. Spawning characteristics of sympatric populations of steelhead trout (*Salmo gairdneri*): Evidence for partial reproductive isolation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1454–1462, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-179>.

**Tessier:1984:RBP**

- [1196] A. Tessier, P. G. C. Campbell, J. C. Auclair, and M. Bisson. Relationships between the partitioning of trace metals in sediments and their accumulation in the tissues of the freshwater mollusc *Elliptio complanata* in a mining area. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1463–1472, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-180>.

**Conners:1984:PAI**

- [1197] M. Elizabeth Conners and Robert J. Naiman. Particulate allochthonous inputs: Relationships with stream size in an undisturbed watershed. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1473–1484, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-181>.

**Pringle:1984:EEV**

- [1198] J. D. Pringle. Efficiency estimates for various quadrat sizes used in benthic sampling. *Canadian Journal of Fisheries and Aquatic Sciences =*

*Journal canadien des sciences halieutiques et aquatiques*, 41(10):1485–1489, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-182>.

**Ridler:1984:SAS**

- [1199] Neil B. Ridler. Socioeconomic aspects of sea cage salmon farming in the maritimes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1490–1495, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-183>.

**Post:1984:CBC**

- [1200] John R. Post and Dan Cucin. Changes in the benthic community of a small Precambrian lake following the introduction of yellow perch, *Perca flavescens*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1496–1501, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-184>.

**Neilson:1984:TTC**

- [1201] Alasdair H. Neilson, Ann-Sofie Allard, Sven Reiland, Mikael Remberger, Anders Tärnholm, Tomas Viktor, and Lars Landner. Tri- and tetra-chloroveratrole, metabolites produced by bacterial O-methylation of tri- and tetra-chloroguaiacol: an assessment of their bioconcentration potential and their effects on fish reproduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1502–1512, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-185>.

**Evans:1984:ISL**

- [1202] Marlene S. Evans and Loren E. Flath. Intakes as sampling locations for investigating long-term trends in zooplankton populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1513–1518, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-186>.

**Speziale:1984:CDD**

- [1203] Barbara J. Speziale, Stephen P. Schreiner, Paul A. Giammatteo, and James E. Schindler. Comparison of N,N-dimethylformamide, dimethyl

sulfoxide, and acetone for extraction of phytoplankton chlorophyll. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1519–1522, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-187>.

**Carlson:1984:EIM**

- [1204] David J. Carlson, David W. Townsend, Alan L. Hilyard, and Jonathan F. Eaton. Effect of an intertidal mudflat on plankton of the overlying water column. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1523–1528, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-188>.

**Barnes:1984:SRC**

- [1205] M. A. Barnes, G. Power, and R. G. H. Downer. Stress-related changes in lake whitefish (*Coregonus clupeaformis*) associated with a hydroelectric control structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1528–1533, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-189>.

**Gilbertson:1984:NDE**

- [1206] Michael Gilbertson. Need for development of epidemiology for chemically induced diseases in fish in Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1534–1540, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-190>.

**Anonymous:1984:BRCh**

- [1207] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(10):1541–1542, October 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-191>.

**Puckett:1984:CSB**

- [1208] K. J. Puckett and L. M. Dill. Cost of sustained and burst swimming to juvenile Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 41(11):1546–1551, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-192>.

**Lambert:1984:LCS**

- [1209] Timothy C. Lambert. Larval cohort succession in herring (*Clupea harengus*) and capelin (*Mallotus villosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1552–1564, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-193>.

**Lambert:1984:RSD**

- [1210] T. C. Lambert and D. M. Ware. Reproductive strategies of demersal and pelagic spawning fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1565–1569, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-194>.

**Wong:1984:UAI**

- [1211] P. T. S. Wong, R. J. Maguire, Y. K. Chau, and O. Kramar. Uptake and accumulation of inorganic tin by a freshwater alga, *Ankistrodesmus falcatulus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1570–1574, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-195>.

**Hankin:1984:MSD**

- [1212] David G. Hankin. Multistage sampling designs in fisheries research: Applications in small streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1575–1591, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-196>.

**Shearer:1984:CEC**

- [1213] Karl D. Shearer. Changes in elemental composition of hatchery-reared rainbow trout, *Salmo gairdneri*, associated with growth and reproduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1592–1600, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-197>.

**Hendzel:1984:EAA**

- [1214] L. L. Hendzel and F. P. Healey. Extraction of algal ATP and interpretation of measurements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1601–1608, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-198>.

**Twinch:1984:PEB**

- [1215] A. J. Twinch and R. H. Peters. Phosphate exchange between littoral sediments and overlying water in an oligotrophy north-temperate lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1609–1617, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-199>.

**Wildish:1984:IMB**

- [1216] D. J. Wildish and D. D. Kristmanson. Importance to mussels of the benthic boundary layer. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1618–1625, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-200>.

**Ciborowski:1984:STC**

- [1217] Jan J. H. Ciborowski and Hugh F. Clifford. Short-term colonization patterns of lotic macroinvertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1626–1633, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-201>.

**Mackay:1984:SCV**

- [1218] Rosemary J. Mackay. Some causes of variation in estimates of mean weights for *Hydropsyche* larvae (Trichoptera: Hydropsychidae). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1634–1642, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-202>.

**Wallace:1984:QWH**

- [1219] J. Bruce Wallace and Arthur C. Benke. Quantification of wood habitat in subtropical coastal plain streams. *Canadian Journal of Fisheries and*



*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1643–1652, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-203>.

**Powles:1984:NIN**

- [1220] H. Powles, F. Auger, and G. J. FitzGerald. Nearshore ichthyoplankton of a North temperate estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1653–1663, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-204>.

**LaZerte:1984:RIA**

- [1221] Bruce D. LaZerte and Peter J. Dillon. Relative importance of anthropogenic versus natural sources of acidity in lakes and streams of Central Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1664–1677, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-205>.

**Giles:1984:EWB**

- [1222] Michael A. Giles. Electrolyte and water balance in plasma and urine of rainbow trout (*Salmo gairdneri*) during chronic exposure to cadmium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1678–1685, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-206>.

**Giles:1984:OHR**

- [1223] M. A. Giles, H. S. Majewski, and B. Hobden. Osmoregulatory and hematological responses of rainbow trout (*Salmo gairdneri*) to extended environmental acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1686–1694, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-207>.

**Dermott:1984:CPD**

- [1224] R. M. Dermott and H. J. Spence. Changes in populations and drift of stream invertebrates following lampricide treatment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 41(11):1695–1701, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-208>.

**Taylor:1984:PFT**

- [1225] W. D. Taylor. Phosphorus flux through epilimnetic zooplankton from Lake Ontario: Relationship with body size and significance to phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1702–1712, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-209>.

**Boese:1984:UEG**

- [1226] Bruce L. Boese. Uptake efficiency of the gills of English sole (*Parophrys vetulus*) for four phthalate esters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1713–1718, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-210>.

**Anonymous:1984:BRCi**

- [1227] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(11):1719, November 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-211>.

**Koslow:1984:RPN**

- [1228] J. Anthony Koslow. Recruitment patterns in Northwest Atlantic fish stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1722–1729, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-212>.

**Fournier:1984:VCS**

- [1229] R. O. Fournier, R. Ernst, N. B. Hargreaves, M. Van Det, and D. Douglas. Variability of chlorophyll *a* off Southwestern Nova Scotia in late fall and its relationship to water column stability. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1730–1738, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-213>.

**Palachek:1984:TNC**

- [1230] R. M. Palachek and J. R. Tomasso. Toxicity of nitrite to channel catfish (*Ictalurus punctatus*), *Tilapia* (*Tilapia aurea*), and largemouth bass (*Micropterus salmoides*): Evidence for a nitrite exclusion mechanism. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1739–1744, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-214>.

**Sandheinrich:1984:IRP**

- [1231] Mark B. Sandheinrich and Wayne A. Hubert. Intraspecific resource partitioning by yellow perch (*Perca flavescens*) in a stratified lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1745–1752, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-215>.

**Ni:1984:SMN**

- [1232] I-H. Ni and E. J. Sandeman. Size at maturity for Northwest Atlantic redfishes (*Sebastes*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1753–1762, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-216>.

**Carper:1984:WRS**

- [1233] Glenn L. Carper and Roger W. Bachmann. Wind resuspension of sediments in a prairie lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1763–1767, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-217>.

**Perry:1984:EPH**

- [1234] S. F. Perry, P. Payan, and J. P. Girard. Effects of perfusate  $\text{HCO}_3^-$  and  $\text{pCO}_2$  on chloride uptake in perfused gills of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1768–1773, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-218>.

**Rodgers:1984:APC**

- [1235] David W. Rodgers. Ambient pH and calcium concentration as modifiers of growth and calcium dynamics of brook trout, *Salvelinus fontinalis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1774–1780, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-219>.

**Legendre:1984:PDF**

- [1236] Pierre Legendre and Vianney Legendre. Postglacial dispersal of freshwater fishes in the Québec Peninsula. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1781–1802, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-220>.

**Soballe:1984:IRT**

- [1237] D. M. Søballe and R. W. Bachmann. Influence of reservoir transit on riverine algal transport and abundance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1803–1813, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-221>.

**Peterman:1984:CCB**

- [1238] Randall M. Peterman and Fred Y. C. Wong. Cross correlations between reconstructed ocean abundances of Bristol Bay and British Columbia sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1814–1824, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-222>.

**Peterman:1984:DDG**

- [1239] Randall M. Peterman. Density-dependent growth in early ocean life of sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1825–1829, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-223>.

**Houston:1984:CIE**

- [1240] A. H. Houston and J. E. Keen. Cadmium inhibition of erythropoiesis in goldfish, *Carassius auratus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1829–1834, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-224>.

**Vuorinen:1984:EIA**

- [1241] Jukka Vuorinen and Jorma Piironen. Electrophoretic identification of Atlantic salmon (*Salmo salar*), brown trout (*S. trutta*), and their hybrids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1834–1837, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-225>.

**Arkett:1984:DVM**

- [1242] S. A. Arkett. Diel vertical migration and feeding behavior of a demersal hydromedusan (*Polyorchis penicillatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1837–1843, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-226>.

**Barlow:1984:MEB**

- [1243] Jay Barlow. Mortality estimation: Biased results from unbiased ages. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1843–1847, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-227>.

**Scheibling:1984:PRC**

- [1244] Robert E. Scheibling. Predation by rock crabs (*Cancer irroratus*) on diseased sea urchins (*Strongylocentrotus droebachiensis*) in Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1847–1851, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-228>.

**Spencer:1984:RFR**

- [1245] Craig N. Spencer and Darren L. King. Role of fish in regulation of plant and animal communities in eutrophic ponds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 41(12):1851–1855, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-229>.

**Anonymous:1984:LCLd**

- [1246] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 41(12):1856–1859, December 1984. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f84-230>.

**Hilborn:1985:FDI**

- [1247] Ray Hilborn. Fleet dynamics and individual variation: Why some people catch more fish than others. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):2–13, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-001>.

**Falk-Petersen:1985:GET**

- [1248] Stig Falk-Petersen. Growth of the euphausiids *Thysanoessa inermis*, *Thysanoessa raschii*, and *Meganyctiphanes norvegica* in a subarctic fjord, North Norway. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):14–22, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-002>.

**Campbell:1985:ACZ**

- [1249] Peter G. C. Campbell, André Tessier, Marc Bisson, and René Bougie. Accumulation of copper and zinc in the yellow water lily, *Nuphar variegatum*: Relationships to metal partitioning in the adjacent lake sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):23–32, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-003>.

**Gendron:1985:CBL**

- [1250] L. Gendron. Conversion of blade length increments into biomass production estimates in *Laminaria longicruris*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):33–37, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-004>.

**Wood:1985:CME**

- [1251] Lindsay W. Wood. Chloroform–methanol extraction of chlorophyll *a*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):38–43, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-005>.

**Tsoa:1985:GFM**

- [1252] E. Tsoa, W. E. Schrank, and N. Roy. Generalizing fisheries models: an extension of the Schaefer analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):44–50, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-006>.

**Hilborn:1985:DCP**

- [1253] Ray Hilborn and Max Ledbetter. Determinants of catching power in the British Columbia salmon purse seine fleet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):51–56, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-007>.

**Bevelhimer:1985:ASP**

- [1254] Mark S. Bevelhimer, Roy A. Stein, and Robert F. Carline. Assessing significance of physiological differences among three esocids with a bioenergetics model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):57–69, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-008>.

**Solomon:1985:DPL**

- [1255] K. R. Solomon, J. Y. Yoo, D. Lean, N. K. Kaushik, K. E. Day, and G. L. Stephenson. Dissipation of permethrin in limnocorrals. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):70–76, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-009>.

**Kaushik:1985:IPZ**

- [1256] N. K. Kaushik, G. L. Stephenson, K. R. Solomon, and K. E. Day. Impact of permethrin on zooplankton communities in limnocorrals. *Can-*

*dian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):77–85, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-010>.

**Bates:1985:ZPI**

- [1257] Stephen S. Bates, André Tessier, Peter G. C. Campbell, and Martin Létourneau. Zinc–phosphorus interactions and variation in zinc accumulation during growth of *Chlamydomonas variabilis* (Chlorophyceae) in batch culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):86–94, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-011>.

**Starkel:1985:PEM**

- [1258] William M. Starkel. Predicting the effect of macrobenthos on the sediment/water flux of metals and phosphorus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):95–100, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-012>.

**Hume:1985:ICU**

- [1259] Jeremy M. B. Hume and Thomas G. Northcote. Initial changes in use of space and food by experimentally segregated populations of Dolly Varden (*Salvelinus malma*) and cutthroat trout (*Salmo clarki*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):101–109, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-013>.

**Campton:1985:NHB**

- [1260] Donald E. Campton and Fred M. Utter. Natural hybridization between steelhead trout (*Salmo gairdneri*) and coastal cutthroat trout (*Salmo clarki clarki*) in two Puget Sound streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):110–119, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-014>.

**Wahi:1985:FES**

- [1261] David H. Wahi and Larry A. Nielsen. Feeding ecology of the sauger (*Stizostedion canadense*) in a large river. *Canadian Journal of Fisheries*



and *Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):120–128, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-015>.

**Mills:1985:RLW**

- [1262] K. H. Mills. Responses of lake whitefish (*Coregonus clupeaformis*) to fertilization of Lake 226, the Experimental Lakes Area. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):129–138, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-016>.

**Culp:1985:RBM**

- [1263] Joseph M. Culp and Ronald W. Davies. Responses of benthic macroinvertebrate species to manipulation of interstitial detritus in Carnation Creek, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):139–146, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-017>.

**Walters:1985:BEF**

- [1264] Carl J. Walters. Bias in the estimation of functional relationships from time series data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):147–149, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-018>.

**Mangel:1985:SSD**

- [1265] Marc Mangel and Jay H. Beder. Search and stock depletion: Theory and applications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):150–163, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-019>.

**Jensen:1985:RAN**

- [1266] A. L. Jensen. Relations among net reproductive rate and life history parameters for lake whitefish (*Coregonus clupeaformis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):164–168, January 1985. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-020>.

**Coulombe:1985:SEB**

- [1267] Francis Coulombe, Jean-Claude F. Brêthes, Roxane Bouchard, and Gaston Desrosiers. Ségrégation édaphique et bathymétrique chez le crabe des neiges, *Chionoecetes opilio* (O. Fabr.), dans le sud-ouest du golfe du Saint-Laurent. (French) [Edaphic and bathymetric segregation in snow crabs, *Chionoecetes opilio* (O. Fabr.), in the Southwestern Gulf of St. Lawrence]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):169–180, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-021>.

**Hardy:1985:EDC**

- [1268] Ronald W. Hardy and Karl D. Shearer. Effect of dietary calcium phosphate and zinc supplementation on whole body zinc concentration of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):181–184, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-022>.

**Degani:1985:EDM**

- [1269] Gad Degani and Margie Lee Gallagher. Effects of dietary  $17\alpha$ -methyltestosterone and bovine growth hormone on growth and food conversion of slow- and normally-growing American elvers (*Anguilla rostrata*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):185–189, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-023>.

**Wong:1985:SSF**

- [1270] C. K. Wong and W. G. Sprules. Size-selective feeding by the predatory copepod *Epischura lacustris* Forbes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):189–193, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-024>.

**Aiken:1985:UIS**

- [1271] D. E. Aiken and S. L. Waddy. The uncertain influence of spring photoperiod on spawning in the American lobster, *Homarus americanus*. *Cana-*

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):194–197, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-025>.

**Anonymous:1985:LCLa**

- [1272] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):198–200, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-026>.

**Anonymous:1985:BRCa**

- [1273] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(1):201–202, January 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-027>.

**Allan:1985:QSD**

- [1274] J. David Allan and Estelle Russek. The quantification of stream drift. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):210–215, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-028>.

**Bruce-Allen:1985:WHB**

- [1275] L. J. Bruce-Allen and J. R. Geraci. Wound healing in the bottlenose dolphin (*Tursiops truncatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):216–228, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-029>.

**Campbell:1985:MTA**

- [1276] Alan Campbell and Aivars B. Stasko. Movements of tagged American lobsters, *Homarus americanus*, off Southwestern Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):229–238, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-030>.

**Babin:1985:MWO**

- [1277] J. Babin and E. E. Prepas. Modelling winter oxygen depletion rates in ice-covered temperate zone lakes in Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):239–249, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-031>.

**Reddin:1985:HIO**

- [1278] D. G. Reddin and R. K. Misra. Hotelling's  $T^2$  to identify the origin of Atlantic salmon (*Salmo salar*) in a mixed-stock fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):250–255, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-032>.

**Apostle:1985:WSC**

- [1279] Richard Apostle, Leonard Kasdan, and Arthur Hanson. Work satisfaction and community attachment among fishermen in Southwest Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):256–267, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-033>.

**Mathias:1985:GSC**

- [1280] Jack A. Mathias and Jan Barica. Gas supersaturation as a cause of early spring mortality of stocked trout. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):268–279, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-034>.

**Hanson:1985:EFE**

- [1281] John Mark Hanson and William C. Leggett. Experimental and field evidence for inter- and intraspecific competition in two freshwater fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):280–286, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-035>.

**Rombough:1985:IEW**

- [1282] Peter J. Rombough. Initial egg weight, time to maximum alevin wet weight, and optimal ponding times for Chinook salmon (*Oncorhynchus*

*tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):287–291, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-036>.

**Lacroix:1985:SEA**

- [1283] Gilles L. Lacroix. Survival of eggs and alevins of Atlantic salmon (*Salmo salar*) in relation to the chemistry of interstitial water in redds in some acidic streams of Atlantic Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):292–299, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-037>.

**Uttormark:1985:CPC**

- [1284] Paul D. Uttormark and Mark L. Hutchins. Cellular phosphorus concentration as a criterion for trophic status in rapidly flushed lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):300–306, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-038>.

**Samples:1985:EPV**

- [1285] Karl C. Samples and PingSun Leung. The effect of production variability on financial risks of freshwater prawn farming in Hawaii. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):307–311, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-039>.

**Beacham:1985:VLB**

- [1286] Terry D. Beacham and Clyde B. Murray. Variation in length and body depth of pink salmon (*Oncorhynchus gorbuscha*) and chum salmon (*O. keta*) in Southern British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):312–319, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-040>.

**Hyatt:1985:RSS**

- [1287] Kim D. Hyatt and John G. Stockner. Responses of sockeye salmon (*Oncorhynchus nerka*) to fertilization of British Columbia coastal lakes.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):320–331, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-041>.

**Quellet:1985:DRA**

- [1288] Patrick Quellet and Julian J. Dodson. Dispersion and retention of anadromous rainbow smelt (*Osmerus mordax*) larvae in the middle estuary of the St. Lawrence River. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):332–341, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-042>.

**Uhazy:1985:MSN**

- [1289] L. S. Uhazy, D. E. Aiken, and A. Campbell. Morphology and systematics of the Nemertean *Pseudocarcinonemertes homari* (Hoploneurtea: Mortostilifera) from the American lobster, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):342–350, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-043>.

**Aiken:1985:ABP**

- [1290] D. E. Aiken, S. L. Waddy, and L. S. Uhazy. Aspects of the biology of *Pseudocarcinonemertes homari* and its association with the American lobster, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):351–356, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-044>.

**Waddy:1985:ILA**

- [1291] S. L. Waddy and D. E. Aiken. Immunofluorescent localization of American lobster egg yolk protein in the alimentary tract of the Nemertean *Pseudocarcinonemertes homari*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):357–359, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-045>.

**Bratney:1985:GDS**

- [1292] J. Bratney, A. Campbell, A. E. Bagnall, and L. S. Uhazy. Geographic distribution and seasonal occurrence of the Nemertean *Pseudocarcinone-*

*mertes homari* on the American lobster, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):360–367, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-046>.

**Kean:1985:JLH**

- [1293] J. C. Kean, J. D. Castell, and D. J. Trider. Juvenile lobster (*Homarus americanus*) do not require dietary ascorbic acid. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):368–370, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-047>.

**Desjardins:1985:SDA**

- [1294] L. M. Desjardins, J. D. Castell, and J. C. Kean. Synthesis of dehydroascorbic acid by subadult lobsters (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):370–373, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-048>.

**Marten:1985:REM**

- [1295] Gerald G. Marten. Radiotracer estimation of microbial biomass in lake sediment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):373–379, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-049>.

**Hurley:1985:SLV**

- [1296] Geoffrey V. Hurley, Paul H. Odense, Ron K. O’Dor, and Earl G. Dawe. Strontium labelling for verifying daily growth increments in the statolith of the short-finned squid (*Illex illecebrosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):380–383, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-050>.

**Klotz:1985:ILA**

- [1297] R. L. Klotz. Influence of light on the alkaline phosphatase activity of *Selenastrum capricornutum* (Chlorophyceae) in streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):384–388, February 1985. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-051>.

**Pringle:1985:HFF**

- [1298] J. D. Pringle. The human factor in fishery resource management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):389–392, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-052>.

**Anonymous:1985:LCLb**

- [1299] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):393–395, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-053>.

**Anonymous:1985:BRCb**

- [1300] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):396–397, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-054>.

**Anonymous:1985:CRPa**

- [1301] Anonymous. Corrections to recent publications/corrections sur récents publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(2):400, February 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-055>.

**Waterhouse:1985:IPR**

- [1302] J. C. Waterhouse and M. P. Farrell. Identifying pollution related changes in chironomid communities as a function of taxonomic rank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):406–413, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-056>.

**Schnute:1985:GTA**

- [1303] Jon Schnute. A general theory for analysis of catch and effort data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal cana-*



*dien des sciences halieutiques et aquatiques*, 42(3):414–429, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-057>.

**StAubin:1985:HDB**

- [1304] D. J. St. Aubin, J. R. Geraci, T. G. Smith, and T. G. Friesen. How do bottlenose dolphins, *Tursiops truncatus*, react to oil films under different light conditions? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):430–436, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-058>.

**Beacham:1985:BGSa**

- [1305] Terry D. Beacham, Ruth E. Withler, and Allan P. Gould. Biochemical genetic stock identification of chum salmon (*Oncorhynchus keta*) in Southern British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):437–448, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-059>.

**Eck:1985:LMC**

- [1306] G. W. Eck and Edward H. Brown, Jr. Lake Michigan's capacity to support lake trout (*Salvelinus namaycush*) and other salmonines: an estimate based on the status of prey populations in the 1970s. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):449–454, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-060>.

**Dutil:1985:DSP**

- [1307] J.-D. Dutil, B. Légaré, and C. Desjardins. Discrimination d'un stock de poisson, l'anguille (*Anguilla rostrata*), basée sur la présence d'un produit chimique de synthèse, le mirex. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):455–458, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-061>.

**Anderson:1985:EPD**

- [1308] James L. Anderson and James E. Wilen. Estimating the population dynamics of Coho salmon (*Oncorhynchus kisutch*) using pooled time-series

and cross-sectional data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):459–467, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-062>.

**Cooke:1985:EHS**

- [1309] Justin G. Cooke. Estimation of harp seal (*Phoca groenlandica*) pup production from age samples. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):468–473, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-063>.

**Davidson:1985:MEF**

- [1310] K. Davidson, J. C. Roff, and R. W. Elner. Morphological, electrophoretic and fecundity characteristics of Atlantic snow crab, *Chionoecetes opilio*, and implications for fisheries management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):474–482, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-064>.

**Hershey:1985:DDR**

- [1311] Anne E. Hershey and Michael E. McDonald. Diet and digestion rates of slimy sculpin, *Cottus cognatus*, in an Alaskan Arctic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):483–487, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-065>.

**Mellas:1985:SPB**

- [1312] Ernest J. Mellas and James M. Haynes. Swimming performance and behavior of rainbow trout (*Salmo gairdneri*) and white perch (*Morone americana*): Effects of attaching telemetry transmitters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):488–493, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-066>.

**Welch:1985:ILR**

- [1313] Harold E. Welch. Introduction to limnological research at Saqvaqjuac, Northern Hudson Bay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42

(3):494–505, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-067>.

**Welch:1985:WCS**

- [1314] Harold E. Welch and Martin A. Bergmann. Water circulation in small Arctic lakes in winter. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):506–520, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-068>.

**Welch:1985:WRL**

- [1315] Harold E. Welch and Martin A. Bergmann. Winter respiration of lakes at Saqvaqjuac, N.W.T. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):521–528, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-069>.

**McCormick:1985:PSC**

- [1316] Stephen D. McCormick, Robert J. Naiman, and Ellyn T. Montgomery. Physiological smolt characteristics of anadromous and non-anadromous brook trout (*Salvelinus fontinalis*) and Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):529–538, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-070>.

**Evans:1985:PGS**

- [1317] Geoffrey T. Evans, Jake C. Rice, and E. Michael P. Chadwick. Patterns of growth and smolting of Atlantic salmon (*Salmo salar*) parr in a Southwestern Newfoundland river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):539–543, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-071>.

**Levy:1985:BLD**

- [1318] E. M. Levy. Background levels of dissolved/dispersed petroleum residues in the Gulf of St. Lawrence, 1970–79. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et*

*aquatiques*, 42(3):544–555, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-072>.

**Boisclair:1985:RFE**

- [1319] D. Boisclair and W. C. Leggett. Rates of food exploitation by littoral fishes in a mesotrophic north-temperate lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):556–566, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-073>.

**Chow-Fraser:1985:FRS**

- [1320] Patricia Chow-Fraser and Roy Knoechel. Factors regulating in situ filtering rates of cladocera. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):567–576, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-074>.

**Ware:1985:ELH**

- [1321] D. M. Ware and T. C. Lambert. Early life history of Atlantic mackerel (*Scomber scombrus*) in the Southern Gulf of St. Lawrence. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):577–592, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-075>.

**Jonsson:1985:WTP**

- [1322] Bror Jonsson and Jan Ruud-Hansen. Water temperature as the primary influence on timing of seaward migrations of Atlantic salmon (*Salmo salar*) smolts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):593–595, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-076>.

**Grant:1985:MMH**

- [1323] Jonathan Grant. A method for measuring horizontal transport of organic carbon over sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):595–602, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-077>.

**Sinclair:1985:NNE**

- [1324] M. Sinclair, M. J. Tremblay, and P. Bernal. El Niño events and variability in a Pacific mackerel (*Scomber japonicus*) survival index: Support for Hjort's second hypothesis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):602–608, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-078>.

**Vladykov:1985:BTT**

- [1325] Vadim D. Vladykov, Claude B. Renaud, and Sylvie Laframboise. Breeding tubercles in three species of *Gadus* (cods). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):608–615, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-079>.

**Saunders:1985:IVL**

- [1326] Richard L. Saunders and Charles B. Schom. Importance of the variation in life history parameters of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):615–618, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-080>.

**Legault:1985:TAF**

- [1327] Michel Legault and Louis-Marie Lalancette. Temps d'ajustement de la flottabilité des saumons atlantiques (*Salmo salar*) d'élevage et flottabilité comparée de saumons atlantiques d'élevage et sauvages. (French) [Buoyancy adjustment time of farmed Atlantic salmon (*Salmo salar*) and comparative buoyancy of farmed and wild Atlantic salmon]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):619–623, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-081>.

**Anonymous:1985:BRCC**

- [1328] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(3):624–626, March 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-082>.

**Mallatt:1985:FGS**

- [1329] Jon Mallatt. Fish gill structural changes induced by toxicants and other irritants: a statistical review. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):630–648, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-083>.

**Stockner:1985:WLF**

- [1330] J. G. Stockner and K. S. Shortreed. Whole-lake fertilization experiments in coastal British Columbia lakes: Empirical relationships between nutrient inputs and phytoplankton biomass and production. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):649–658, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-084>.

**Hargreaves:1985:SSP**

- [1331] N. Brent Hargreaves and Robin J. Lebrasseur. Species selective predation on juvenile pink (*Oncorhynchus gorbuscha*) and chum salmon (*O. keta*) by Coho salmon (*O. kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):659–668, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-085>.

**Burton:1985:AES**

- [1332] Thomas M. Burton, Richard M. Stanford, and Jon W. Allan. Acidification effects on stream biota and organic matter processing. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):669–675, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-086>.

**Smith:1985:DAB**

- [1333] T. G. Smith, M. O. Hammsll, D. J. Burrage, and G. A. Sleno. Distribution and abundance of belugas, *Delphinapterus leucas*, and narwhals, *Monodon monoceros*, in the Canadian High Arctic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):676–684, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-087>.

**Ramial:1985:EPM**

- [1334] P. S. Ramial, John W. M. Rudd, Akira Furutani, and Luying Xun. The effect of pH on methyl mercury production and decomposition in lake sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):685–692, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-088>.

**Burger:1985:CSA**

- [1335] Carl V. Burger, Richard L. Wilmot, and David B. Wangaard. Comparison of spawning areas and times for two runs of Chinook salmon (*Oncorhynchus tshawytscha*) in the Kenai River, Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):693–700, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-089>.

**Chambers:1985:DDB**

- [1336] Patricia A. Chambers and Jacob Kaiff. Depth distribution and biomass of submersed aquatic macrophyte communities in relation to secchi depth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):701–709, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-090>.

**Barton:1985:EPA**

- [1337] Bruce A. Barton, Gary S. Weirter, and Cars B. Schreck. Effect of prior acid exposure on physiological responses of juvenile rainbow trout (*Salmo gairdneri*) to acute handling stress. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):710–717, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-091>.

**Hilborn:1985:ASR**

- [1338] R. Hilborn. Apparent stock recruitment relationships in mixed stock fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):718–723, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-092>.

**Watras:1985:NAS**

- [1339] Carl J. Watras, John MacFarlane, and François M. M. Morel. Nickel accumulation by *Scenedesmus* and *Daphnia*: Food-chain transport and geochemical implications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):724–730, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-093>.

**Bradley:1985:IPW**

- [1340] R. W. Bradley and J. B. Sprague. The influence of pH, water hardness, and alkalinity on the acute lethality of zinc to rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):731–736, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-094>.

**Horns:1985:DED**

- [1341] William H. Horns. Differences in early development among lake trout (*Salvelinus namaycush*) populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):737–743, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-095>.

**Hill:1985:CCT**

- [1342] S. H. Hill, M. R. Abbott, and K. L. Denman. A computer-controlled turbidostat for the culture of planktonic algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):744–753, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-096>.

**Stoermer:1985:PDS**

- [1343] E. F. Stoermer, J. A. Wolin, C. L. Schelske, and D. J. Conley. Postsettlement diatom succession in the Bay of Quinte, Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):754–767, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-097>.



**Lacroix:1985:ELE**

- [1344] Gilles L. Lacroix, D. James Gordon, and Dana J. Johnston. Effects of low environmental pH on the survival, growth, and ionic composition of postemergent Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):768–775, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-098>.

**Wright:1985:SLP**

- [1345] Janet Wright, Charles C. Krueger, Peter F. Brussard, and Marjorie Collings Hail. Sea lamprey (*Petromyzon marinus*) populations in Northeastern North America: Genetic differentiation and affinities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):776–784, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-099>.

**Henderson:1985:VPD**

- [1346] M. A. Henderson and T. G. Northcote. Visual prey detection and foraging in sympatric cutthroat trout (*Salmo clarki clarki*) and Dolly Varden (*Salvelinus malma*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):785–790, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-100>.

**Coble:1985:CLA**

- [1347] Daniel W. Coble, Gordon B. Farabee, and Richard O. Anderson. Comparative learning ability of selected fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):791–796, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-101>.

**Whalen:1985:NPO**

- [1348] S. C. Whalen and J. C. Cornwell. Nitrogen, phosphorus, and organic carbon cycling in an Arctic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):797–808, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-102>.

**Cornwell:1985:SAR**

- [1349] Jeffrey C. Cornwell. Sediment accumulation rates in an Alaskan Arctic lake using a modified  $^{210}\text{Pb}$  technique. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):809–814, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-103>.

**Deriso:1985:CAA**

- [1350] R. B. Deriso, T. J. Quinn II, and P. R. Neal. Catch-age analysis with auxiliary information. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):815–824, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-104>.

**Mathur:1985:CSF**

- [1351] Dilip Mathur, William H. Bason, Edmund J. Purdy, Jr., and Carl A. Silver. A critique of the in stream flow incremental methodology. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):825–831, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-105>.

**Riley:1985:CPC**

- [1352] E. T. Riley and E. E. Prepas. Comparison of the phosphorus–chlorophyll relationships in mixed and stratified lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):831–835, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-106>.

**Tyler:1985:SAD**

- [1353] Albert V. Tyler, Linda L. Sebring, Margaret C. Murphy, and Lea F. Murphy. A sensitivity analysis of Deriso’s delay-difference equation using simulation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):836–841, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-107>.

**Hodson:1985:ESD**

- [1354] Peter V. Hodson and Douglas J. Spry. Effect of sulfite dechlorination on the accumulation of waterborne lead by rainbow trout (*Salmo gairdneri*).

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):841–844, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-108>.

**Regier:1985:FRA**

- [1355] H. A. Regier and A. P. Grima. Fishery resource allocation: an exploratory essay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(4):845–859, April 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-109>.

**Harrison:1985:ULS**

- [1356] W. G. Harrison, T. Platt, and M. R. Lewis. The utility of light-saturation models for estimating marine primary productivity in the field: a comparison with conventional “Simulated” in situ methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):864–872, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-110>.

**Berkson:1985:UPC**

- [1357] J. M. Berkson and D. P. DeMaster. Use of pup counts in indexing population changes in pinnipeds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):873–879, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-111>.

**Sinclair:1985:AHC**

- [1358] M. Sinclair and T. D. Iles. Atlantic herring (*Clupea harengus*) distributions in the Gulf of Maine — Scotian Shelf area in relation to oceanographic features. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):880–887, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-112>.

**Sinclair:1985:SAP**

- [1359] M. Sinclair, V. C. Anthony, T. D. Iles, and R. N. O’Boyle. Stock assessment problems in Atlantic herring (*Clupea harengus*) in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):888–898, May

1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-113>.

**Neilson:1985:EGJ**

- [1360] John D. Neilson, Glen H. Geen, and Daniel Bottom. Estuarine growth of juvenile Chinook salmon (*Oncorhynchus tshawytscha*) as inferred from otolith microstructure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):899–908, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-114>.

**Larkin:1985:EFE**

- [1361] P. A. Larkin and D. W. McKone. An evaluation by field experiments of the McLay model of stream drift. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):909–918, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-115>.

**Diamond:1985:MAF**

- [1362] Nancy Diamond and David G. Hankin. Movements of adult female Dungeness crabs (*Cancer magister*) in Northern California based on tag recoveries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):919–926, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-116>.

**Seip:1985:MSC**

- [1363] Hans M. Seip, Ragnhild Seip, Peter J. Dillon, and Ed de Grosbois. Model of sulphate concentration in a small stream in the Harp Lake Catchment, Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):927–937, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-117>.

**Prince:1985:IZS**

- [1364] Eric D. Prince, Dennis W. Lee, and Joaquin C. Javech. Internal zonations in sections of vertebrae from Atlantic bluefin tuna, *Thunnus thynnus*, and their potential use in age determination. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):938–946, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-118>.

**Kilgour:1985:MLE**

- [1365] D. Marc Kilgour, Robert W. McCauley, and W. Kwain. Modeling the lethal effects of high temperature on fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):947–951, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-119>.

**Charles:1985:BAS**

- [1366] Anthony T. Charles and William J. Reed. A bioeconomic analysis of sequential fisheries: Competition, coexistence, and optimal harvest allocation between inshore and offshore fleets. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):952–962, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-120>.

**Casey:1985:AGS**

- [1367] J. G. Casey, H. L. Pratt, Jr., and C. E. Stillwell. Age and growth of the sandbar shark (*Carcharhinus plumbeus*) from the Western North Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):963–975, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-121>.

**Whitehead:1985:PIW**

- [1368] Hal Whitehead and J. E. Carscadden. Predicting inshore whale abundance — whales and capelin off the Newfoundland Coast. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):976–981, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-122>.

**Hightower:1985:CCE**

- [1369] Joseph E. Hightower and Gary D. Grossman. Comparison of constant effort harvest policies for fish stocks with variable recruitment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):982–988, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-123>.

**Winters:1985:IBS**

- [1370] G. H. Winters and J. P. Wheeler. Interaction between stock area, stock abundance, and catchability coefficient. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):989–998, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-124>.

**Gosselin:1985:RSI**

- [1371] M. Gosselin, L. Legendre, S. Demers, and R. G. Ingram. Responses of sea-ice microalgae to climatic and fortnightly tidal energy inputs (Manitounuk Sound, Hudson Bay). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):999–1006, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-125>.

**Dixon:1985:EAD**

- [1372] D. G. Dixon and J. W. Hilton. Effects of available dietary carbohydrate and water temperature on the chronic toxicity of waterborne copper to rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):1007–1013, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-126>.

**Campana:1985:MFO**

- [1373] Steven E. Campana and John D. Neilson. Microstructure of fish otoliths. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):1014–1032, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-127>.

**Walters:1985:EDS**

- [1374] Carl J. Walters and Peter Cahoon. Evidence of decreasing spatial diversity in British Columbia salmon stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):1033–1037, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-128>.

**Statzner:1985:QCR**

- [1375] Bernhard Statzner and Bert Higler. Questions and comments on the river continuum concept. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):1038–1044, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-129>.

**Minshall:1985:DSE**

- [1376] G. Wayne Minshall, Kenneth W. Cummins, Robert C. Petersen, Colbert E. Cushing, Dale A. Bruns, James R. Sedell, and Robin L. Vannote. Developments in stream ecosystem theory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):1045–1055, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-130>.

**Anonymous:1985:BRCd**

- [1377] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(5):1056–1059, May 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-131>.

**Ludwig:1985:ASM**

- [1378] Donald Ludwig and Carl J. Walters. Are age-structured models appropriate for catch–effort data? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1066–1072, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-132>.

**Hansen:1985:YAY**

- [1379] T. J. Hansen and D. Møller. Yolk absorption, yolk sac constrictions, mortality, and growth during first feeding of Atlantic salmon (*Salmo salar*) incubated on astro-turf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1073–1078, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-133>.

**Hamley:1985:FAV**

- [1380] John M. Hamley and Thomas P. Howley. Factors affecting variability of trapnet catches. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6): 1079–1087, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-134>.

**Peters:1985:RIB**

- [1381] Gregory T. Peters, Donald S. Cherry, and John Cairns, Jr. Responses of *Isonychia bicolor* to alkaline pH: an evaluation of survival, oxygen consumption, and chloride cell ultrastructure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1088–1095, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-135>.

**France:1985:RCO**

- [1382] R. L. France. Relationship of crayfish (*Orconectes virilis*) growth to population abundance and system productivity in small oligotrophic lakes in the Experimental Lakes Area, Northwestern Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1096–1102, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-136>.

**Wright:1985:CLH**

- [1383] Richard F. Wright. Chemistry of Lake Hovvatn, Norway, following liming and reacidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6): 1103–1113, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-137>.

**Keast:1985:PLD**

- [1384] Allen Keast. Planktivory in a littoral-dwelling lake fish association: Prey selection and seasonality. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1114–1126, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-138>.



**Bowles:1985:ESE**

- [1385] N. Dean Bowles, Hans W. Paerl, and Jane Tucker. Effective solvents and extraction periods employed in phytoplankton carotenoid and chlorophyll determinations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1127–1131, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-139>.

**Salki:1985:IFZ**

- [1386] A. Salki, M. Turner, K. Patalas, J. Rudd, and D. Findlay. The influence of fish–zooplankton–phytoplankton interactions on the results of selenium toxicity experiments within large enclosures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1132–1143, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-140>.

**Mason:1985:BBF**

- [1387] J. C. Mason and A. C. Phillips. Biology of the bathylagid fish, *Leuroglossus schmidti*, in the Strait of Georgia, British Columbia, Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1144–1153, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-141>.

**Jude:1985:RCI**

- [1388] David J. Jude and Frank J. Tesar. Recent changes in the inshore forage fish of Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1154–1157, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-142>.

**Frechette:1985:EFB**

- [1389] Marcel Fréchette and Edwin Bourget. Energy flow between the pelagic and benthic zones: Factors controlling particulate organic matter available to an intertidal mussel bed. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1158–1165, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-143>.

**Frechette:1985:FLG**

- [1390] Marcel Fréchette and Edwin Bourget. Food-limited growth of *Mytilus edulis* L. in relation to the benthic boundary layer. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1166–1170, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-144>.

**Timperley:1985:ONC**

- [1391] M. H. Timperley, R. J. Vigor-Brown, M. Kawashima, and M. Ishigami. Organic nitrogen compounds in atmospheric precipitation: Their chemistry and availability to phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1171–1177, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-145>.

**Rudstam:1985:PVD**

- [1392] Lars G. Rudstam and John J. Magnuson. Predicting the vertical distribution of fish populations: Analysis of cisco, *Coregonus artedii*, and yellow perch, *Perca flavescens*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1178–1188, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-146>.

**Kingsley:1985:DAS**

- [1393] M. C. S. Kingsley, I. Stirling, and W. Calvert. The distribution and abundance of seals in the Canadian High Arctic, 1980–82. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1189–1210, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-147>.

**Mahon:1985:FPW**

- [1394] Robin Mahon and Eugene K. Balon. Fish production in warmwater streams in Poland and Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1211–1215, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-148>.

**Ingram:1985:PRF**

- [1395] R. Grant Ingram, Louis Legendre, Yvan Simard, and Serge Lepage. Phytoplankton response to freshwater runoff: The diversion of the Eastmain River, James Bay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1216–1221, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-149>.

**Cederholm:1985:RCS**

- [1396] C. J. Cederholm and N. P. Peterson. The retention of Coho salmon (*Oncorhynchus kisutch*) carcasses by organic debris in small streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1222–1225, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-150>.

**Anonymous:1985:LCLc**

- [1397] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1226–1230, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-151>.

**Anonymous:1985:BRCe**

- [1398] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(6):1231–1232, June 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-152>.

**Calvert:1985:WDR**

- [1399] Wendy Calvert and Ian Stirling. Winter distribution of ringed seals (*Phoca hispida*) in the Barrow Strait area, Northwest Territories, determined by underwater vocalizations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1238–1243, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-153>.

**Schiewe:1985:UBB**

- [1400] Michael H. Schiewe, Eric G. Hawk, David I. Actor, and Margaret M. Krahn. Use of a bacterial bioluminescence assay to assess toxicity of con-

taminated marine sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1244–1248, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-154>.

**Norton:1985:EUL**

- [1401] Stephen A. Norton, Charles T. Hess, Geneva M. Blake, Marilyn L. Morrison, and Jill Baron. Excess unsupported  $^{210}\text{Pb}$  in lake sediment from Rocky Mountain lakes: a groundwater effect. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1249–1254, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-155>.

**Tanasichuk:1985:IPE**

- [1402] R. W. Tanasichuk, C. Armstrong, and D. M. Ware. An improved photoelectric fish egg counter. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1255–1258, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-156>.

**Wood:1985:ARC**

- [1403] C. C. Wood. Aggregative response of common mergansers (*Mergus merganser*): Predicting flock size and abundance on Vancouver Island salmon streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1259–1271, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-157>.

**Antia:1985:IID**

- [1404] N. J. Antia, P. J. Harrison, D. S. Sullivan, and T. Bisalputra. Influence of the insecticide diflubenzuron (Dimilin) on the growth of marine diatoms and a harpacticoid copepod in culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1272–1277, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-158>.

**El-Shaarawi:1985:ECL**

- [1405] A. H. El-Shaarawi, S. R. Esterby, N. D. Warry, and K. W. Kuntz. Evidence of contaminant loading to Lake Ontario from the Niagara River.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1278–1289, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-159>.

**Cipriano:1985:ADI**

- [1406] Rocco C. Cipriano and Stephen W. Pyle. Adjuvant-dependent immunity and the agglutinin response of fishes against *Aeromonas salmonicida*, cause of furunculosis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1290–1295, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-160>.

**Soluk:1985:MAP**

- [1407] Daniel A. Soluk. Macroinvertebrate abundance and production of psammophilous chironomidae in shifting sand areas of a lowland river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1296–1302, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-161>.

**Carignan:1985:NDL**

- [1408] R. Carignan. Nutrient dynamics in a littoral sediment colonized by the submersed macrophyte *Myriophyllum spicatum*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1303–1311, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-162>.

**Boyce:1985:UIU**

- [1409] N. P. Boyce. Ultrasound imaging used to detect cysts of *Henneguya salminicola* (Protozoa: Myxozoa) in the flesh of whole Pacific salmon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1312–1314, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-163>.

**Kelso:1985:SSP**

- [1410] John R. M. Kelso. Standing stock and production of fish in a cascading lake system on the Canadian Shield. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et*

*aquatiques*, 42(7):1315–1320, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-164>.

**Hedrick:1985:ALP**

- [1411] R. P. Hedrick, J. Speas, M. L. Kent, and T. McDowell. Adenovirus-like particles associated with a disease of cultured white sturgeon, *Acipenser transmontanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1321–1325, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-165>.

**Anonymous:1985:LCLd**

- [1412] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1326–1327, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-166>.

**Anonymous:1985:BRCf**

- [1413] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(7):1328, July 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-167>.

**Spry:1985:IFR**

- [1414] Douglas J. Spry and Chris M. Wood. Ion flux rates, acid–base status, and blood gases in rainbow trout, *Salmo gairdneri*, exposed to toxic zinc in natural soft water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1332–1341, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-168>.

**Lammens:1985:RPN**

- [1415] Eddy H. R. R. Lammens, Henrik W. de Nie, Jacobus Vijverberg, and Wim L. T. van Densen. Resource partitioning and niche shifts of bream (*Abramis brama*) and eel (*Anguilla anguilla*) mediated by predation of smelt (*Osmerus eperlanus*) on *Daphnia hyalina*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1342–1351, August 1985. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-169>.

**Ouellet:1985:TEA**

- [1416] Patrick Ouellet and Julian J. Dodson. Tidal exchange of anadromous rainbow smelt (*Osmerus mordax*) larvae between a shallow spawning tributary and the St. Lawrence Estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1352–1358, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-170>.

**Elser:1985:NAP**

- [1417] James J. Elser and Bruce L. Kimmel. Nutrient availability for phytoplankton production in a multiple-impoundment series. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1359–1370, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-171>.

**Ruppert:1985:SPM**

- [1418] D. Ruppert, R. L. Reish, R. B. Deriso, and R. J. Carroll. A stochastic population model for managing the Atlantic menhaden (*Brevoortia tyrannus*) fishery and assessing managerial risks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1371–1379, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-172>.

**Culver:1985:BFC**

- [1419] David A. Culver, Mary M. Boucherle, David J. Bean, and James W. Fletcher. Biomass of freshwater crustacean zooplankton from length–weight regressions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1380–1390, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-173>.

**Millard:1985:STC**

- [1420] Steven P. Millard, John R. Yearsley, and Dennis P. Lettenmaier. Space–time correlation and its effects on methods for detecting aquatic ecological change. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1391–1400,

August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-174>.

**Schelske:1985:HRB**

- [1421] Claire L. Schelske, Daniel J. Conley, and William F. Warwick. Historical relationships between phosphorus loading and biogenic silica accumulation in Bay of Quinte sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1401–1409, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-175>.

**Berg:1985:CTG**

- [1422] L. Berg and T. G. Northcote. Changes in territorial, gill-flaring, and feeding behavior in juvenile Coho salmon (*Oncorhynchus kisutch*) following short-term pulses of suspended sediment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1410–1417, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-176>.

**Rasmussen:1985:EDM**

- [1423] Joseph B. Rasmussen. Effects of density and microdetritus enrichment on the growth of chironomid larvae in a small pond. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1418–1422, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-177>.

**Quinn:1985:CPU**

- [1424] Terrance J. Quinn II. Catch-per-unit-effort: a statistical model for Pacific halibut (*Hippoglossus stenolepis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1423–1429, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-178>.

**Schauer:1985:BBD**

- [1425] Paul S. Schauer and Kenneth L. Simpson. Bioaccumulation and bioconversion of dietary labeled fatty acids in *Artemia* and winter flounder (*Pseudopleuronectes americanus*). *Canadian Journal of Fisheries and*



*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1430–1438, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-179>.

**daSilva:1985:LUO**

- [1426] Jack da Silva and John D. Neilson. Limitations of using otoliths recovered in scats to estimate prey consumption in seals. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1439–1442, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-180>.

**Anonymous:1985:BRcg**

- [1427] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1443–1446, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-181>.

**Anonymous:1985:CRPb**

- [1428] Anonymous. Corrections to recent publications/corrections sur récents publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(8):1447, August 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-182>.

**Penney:1985:GHL**

- [1429] Randy W. Penney and Geoffrey T. Evans. Growth histories of larval redbfish (*Sebastes* spp.) on an offshore Atlantic fishing bank determined by otolith increment analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1452–1464, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-183>.

**Krantzberg:1985:BMM**

- [1430] G. Krantzberg and P. M. Stokes. Benthic macroinvertebrates modify copper and zinc partitioning in freshwater–sediment microcosms. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1465–1473, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-184>.

**Beacham:1985:BGSb**

- [1431] Terry D. Beacham, Ruth E. Withler, and Allan P. Gould. Biochemical genetic stock identification of pink salmon (*Oncorhynchus gorbuscha*) in Southern British Columbia and Puget Sound. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1474–1483, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-185>.

**Paranjape:1985:MMN**

- [1432] M. A. Paranjape, R. J. Conover, G. C. Harding, and N. J. Prouse. Micro- and macrozooplankton on the Nova Scotian Shelf in the prespring bloom period: a comparison of their potential resource utilization. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1484–1492, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-186>.

**Fulthorpe:1985:HOC**

- [1433] Roberta R. Fulthorpe and J. E. Paloheimo. Hypolimnetic oxygen consumption in small lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1493–1500, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-187>.

**Stevenson:1985:PEA**

- [1434] R. J. Stevenson, R. Singer, D. A. Roberts, and C. W. Boylen. Patterns of epipelagic algal abundance with depth, trophic status, and acidity in poorly buffered New Hampshire lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1501–1512, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-188>.

**Martin:1985:IST**

- [1435] J. H. A. Martin and K. A. Mitchell. Influence of sea temperature upon the numbers of grilse and multi-sea-winter Atlantic salmon (*Salmo salar*) caught in the vicinity of the River Dee (Aberdeenshire). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1513–1521, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-189>.

**Bernatchez:1985:ITC**

- [1436] Louis Bernatchez and Julian J. Dodson. Influence of temperature and current speed on the swimming capacity of lake whitefish (*Coregonus clupeaformis*) and cisco (*C. artedii*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1522–1529, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-190>.

**Morin:1985:VDE**

- [1437] Antoine Morin. Variability of density estimates and the optimization of sampling programs for stream benthos. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1530–1534, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-191>.

**Sameoto:1985:RBA**

- [1438] D. Sameoto, N. A. Cochrane, and A. W. Herman. Response of biological acoustic backscattering to ships' lights. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1535–1543, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-192>.

**Clark:1985:LSE**

- [1439] Karen L. Clark and Bruce D. Lazerte. A laboratory study of the effects of aluminum and pH on amphibian eggs and tadpoles. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1544–1551, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-193>.

**Laurs:1985:FIF**

- [1440] R. M. Laurs, R. Nishimoto, and J. A. Wetherall. Frequency of increment formation on sagittae of North Pacific albacore (*Thunnus alalunga*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1552–1555, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-194>.

**Pocklington:1985:OMG**

- [1441] Roger Pocklington. Organic matter in the Gulf of St. Lawrence in winter. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1556–1561, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-195>.

**Anonymous:1985:BRCh**

- [1442] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(9):1562–1563, September 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-196>.

**Downing:1985:QEE**

- [1443] John A. Downing and Hélène Cyr. Quantitative estimation of epiphytic invertebrate populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1570–1579, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-197>.

**Mork:1985:GVA**

- [1444] Jarle Mork, Nils Ryman, Gunnar Ståhl, Fred Utter, and Gunnar Sundnes. Genetic variation in Atlantic cod (*Gadus morhua*) throughout its range. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1580–1587, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-198>.

**Bierhuizen:1985:RBN**

- [1445] J. F. H. Bierhuizen and E. E. Prepas. Relationship between nutrients, dominant ions, and phytoplankton standing crop in prairie saline lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1588–1594, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-199>.

**Peterman:1985:PIV**

- [1446] Randall M. Peterman. Patterns of interannual variation in age at maturity of sockeye salmon (*Oncorhynchus nerka*) in Alaska and British

Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1595–1607, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-200>.

**Henderson:1985:EAW**

- [1447] Bryan A. Henderson and Edward H. Brown, Jr. Effects of abundance and water temperature on recruitment and growth of alewife (*Alosa pseudoharengus*) near South Bay, Lake Huron, 1954–82. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1608–1613, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-201>.

**Westrheim:1985:RFP**

- [1448] S. J. Westrheim and R. P. Foucher. Relative fishing power for Canadian trawlers landing Pacific cod (*Gadus macrocephalus*) and important shelf cohabitants from major offshore areas of Western Canada, 1960–81. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1614–1626, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-202>.

**Malison:1985:HGP**

- [1449] Jeffrey A. Malison, Cody D. Best, Terrence B. Kayes, Clyde H. Amundson, and Bernard C. Wentworth. Hormonal growth promotion and evidence for a size-related difference in response to Estradiol-17 $\beta$  in yellow perch (*Perca flavescens*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1627–1633, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-203>.

**Linsey:1985:CSW**

- [1450] G. A. Linsey and D. C. Lasenby. Comparison of summer and winter oxygen consumption rates in a temperate dimictic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1634–1639, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-204>.

**Crecco:1985:EBA**

- [1451] Victor A. Crecco and Thomas F. Savoy. Effects of biotic and abiotic factors on growth and relative survival of young American shad, *Alosa sapidissima*, in the Connecticut River. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1640–1648, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-205>.

**Crecco:1985:DDC**

- [1452] Victor A. Crecco and Thomas F. Savoy. Density-dependent catchability and its potential causes and consequences on Connecticut River American shad, *Alosa sapidissima*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1649–1657, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-206>.

**Doving:1985:ROB**

- [1453] Kjell B. Døving, Håkan Westerberg, and Peter B. Johnsen. Role of olfaction in the behavioral and neuronal responses of Atlantic salmon, *Salmo salar*, to hydrographic stratification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1658–1667, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-207>.

**Wilzbach:1985:RRF**

- [1454] Margaret A. Wilzbach. Relative roles of food abundance and cover in determining the habitat distribution of stream-dwelling cutthroat trout (*Salmo clarki*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1668–1672, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-208>.

**Misra:1985:QDA**

- [1455] R. K. Misra. Quadratic discriminant analysis with covariance for stock delineation and population differentiation: a study of beaked redfishes (*Sebastes mentella* and *S. fasciatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1672–1676, October 1985. CODEN CJFSDX. ISSN 0706-

652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-209>.

**Allard:1985:STE**

- [1456] Martine Allard and Guy Moreau. Short-term effect on the metabolism of lotic benthic communities following experimental acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1676–1680, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-210>.

**Gilbertson:1985:NLH**

- [1457] Michael Gilbertson. The Niagara labyrinth — the human ecology of producing organochlorine chemicals. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(10):1681–1692, October 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-211>.

**Craig:1985:ISS**

- [1458] P. C. Craig. Identification of sockeye salmon (*Oncorhynchus nerka*) stocks in the Stikine River based on egg size measurements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1696–1701, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-212>.

**Abbott:1985:PAA**

- [1459] Jeremy C. Abbott and Lawrence M. Dill. Patterns of aggressive attack in juvenile steelhead trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1702–1706, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-213>.

**Effler:1985:PLA**

- [1460] Steven W. Effler, Gary C. Schafran, and Charles T. Driscoll. Partitioning light attenuation in an acidic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1707–1711, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-214>.

**Estep:1985:SCN**

- [1461] Marilyn L. F. Estep and Steven Vigg. Stable carbon and nitrogen isotope tracers of trophic dynamics in natural populations and fisheries of the Lahontan Lake System, Nevada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1712–1719, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-215>.

**Cooper:1985:PSF**

- [1462] Scott D. Cooper, Daniel W. Smith, and James R. Bence. Prey selection by freshwater predators with different foraging strategies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1720–1732, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-216>.

**Stanhope:1985:GPE**

- [1463] M. J. Stanhope and C. D. Levsngs. Growth and production of *Eogammarus confervicolus* (Amphipoda: Anisogammaridae) at a log storage site and in areas of undisturbed habitat within the Squamish Estuary, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1733–1740, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-217>.

**Havas:1985:ABT**

- [1464] Magda Havas. Aluminum bioaccumulation and toxicity to *Daphnia magna* in soft water at low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1741–1748, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-218>.

**Price:1985:IIS**

- [1465] Edmund E. Price and Michael C. Swift. Inter- and intra-specific variability in the response of zooplankton to acid stress. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1749–1754, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-219>.



**Beacham:1985:EFS**

- [1466] Terry D. Beacham and Clyde B. Murray. Effect of female size, egg size, and water temperature on developmental biology of chum salmon (*Oncorhynchus keta*) from the Nitinat River, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1755–1765, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-220>.

**Lawson:1985:EYY**

- [1467] Timothy A. Lawson and Ray Hilborn. Equilibrium yields and yield isopleths from a general age-structured model of harvested populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1766–1771, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-221>.

**Moon:1985:FHM**

- [1468] T. W. Moon, P. J. Walsh, and T. P. Mommsen. Fish hepatocytes: a model metabolic system. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1772–1782, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-222>.

**Wehr:1985:SRB**

- [1469] John D. Wehr and Lewis M. Brown. Selenium requirement of a bloom-forming planktonic alga from softwater and acidified lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1783–1788, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-223>.

**Bergmann:1985:SMM**

- [1470] Martin A. Bergmann and Harold E. Welch. Spring meltwater mixing in small Arctic lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1789–1798, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-224>.

**Beamish:1985:ADS**

- [1471] Richard J. Beamish and Gordon A. McFarlane. Annulus development on the second dorsal spine of the spiny dogfish (*Squalus acanthias*) and its validity for age determination. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1799–1805, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-225>.

**Schweigert:1985:OSD**

- [1472] J. F. Schweigert, C. W. Haegele, and M. Stocker. Optimizing sampling design for herring spawn surveys in the Strait of Georgia, B.C. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1806–1814, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-226>.

**Schwalme:1985:SVS**

- [1473] Karl Schwalme, William C. Mackay, and Dieter Lindner. Suitability of vertical slot and Denil fishways for passing north-temperate, non-salmonid fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1815–1822, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-227>.

**Knutsen:1985:DBO**

- [1474] H. Knutsen, E. Moksnes, and N. B. Vogt. Distinguishing between one-day-old cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) eggs by gas chromatography and SIMCA pattern recognition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1823–1826, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-228>.

**Gardner:1985:SPL**

- [1475] Wayne S. Gardner, Thomas F. Nalepa, William A. Frez, Elizabeth A. Cichocki, and Peter F. Landrum. Seasonal patterns in lipid content of Lake Michigan macroinvertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1827–1832, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-229>.

**Hilborn:1985:SCO**

- [1476] Ray Hilborn. Simplified calculation of optimum spawning stock size from Ricker's stock recruitment curve. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1833–1834, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-230>.

**Turner:1985:UVC**

- [1477] L. J. Turner and W. C. Mackay. Use of visual census for estimating population size in northern pike (*Esox lucius*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1835–1840, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-231>.

**Frank:1985:ROD**

- [1478] K. T. Frank and W. C. Leggett. Reciprocal oscillations in densities of larval fish and potential predators: a reflection of present or past predation? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1841–1849, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-232>.

**Anonymous:1985:BRCi**

- [1479] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(11):1852, November 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-233>.

**Downing:1985:ESB**

- [1480] John A. Downing and M. Robin Anderson. Estimating the standing biomass of aquatic macrophytes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1860–1869, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-234>.

**Rhodes:1985:IEC**

- [1481] Linda Rhodes, Edmundo Casillas, Barbara McKnight, William Gronlund, Mark Myers, O. Paul Olson, and Bruce McCain. Interactive

effects of cadmium, polychlorinated biphenyls, and fuel oil on experimentally exposed English sole (*Parophrys vetulus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1870–1880, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-235>.

**Warwick:1985:MAC**

- [1482] W. F. Warwick. Morphological abnormalities in Chironomidae (Diptera) larvae as measures of toxic stress in freshwater ecosystems: Indexing antennal deformities in *Chironomus* Meigen. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1881–1914, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-236>.

**Paszkowski:1985:FBH**

- [1483] Cynthia A. Paszkowski and Bori L. Olla. Foraging behavior of hatchery-produced Coho salmon (*Oncorhynchus kisutch*) smolts on live prey. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1915–1921, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-237>.

**Irvine:1985:ESF**

- [1484] J. R. Irvine. Effects of successive flow perturbations on stream invertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1922–1927, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-238>.

**Jessop:1985:IMC**

- [1485] B. M. Jessop. Influence of mesh composition, velocity, and run time on the catch and length composition of juvenile alewives (*Alosa pseudoharengus*) and blueback herring (*A. aestivalis*) collected by pushnet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1928–1939, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-239>.

**Smith:1985:BCE**

- [1486] Daniel Wilkins Smith. Biological control of excessive phytoplankton growth and the enhancement of aquacultural production. *Canadian Jour-*

*nal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1940–1945, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-240>.

**Nalewajko:1985:EMA**

- [1487] C. Nalewajko and B. Paul. Effects of manipulations of aluminum concentrations and pH on phosphate uptake and photosynthesis of planktonic communities in two Precambrian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1946–1953, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-241>.

**Waddy:1985:FER**

- [1488] S. L. Waddy and D. E. Aiken. Fertilization and egg retention in artificially inseminated female American lobsters, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1954–1956, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-242>.

**McGladdery:1985:PPU**

- [1489] S. E. McGladdery and M. D. B. Burt. Potential of parasites for use as biological indicators of migration, feeding, and spawning behavior of Northwestern Atlantic herring (*Clupea harengus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1957–1968, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-243>.

**Arfi:1985:VII**

- [1490] Robert Arfi. Variabilité interannuelle d'un indice d'intensité des remontées d'eau dans le secteur du cap Blanc (Mauritanie). (French) [Interannual variability of an index of upwelling intensity in the Cape Blanc (Mauritania) sector]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1969–1978, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-244>.

**Pierson:1985:ISD**

- [1491] D. C. Pierson and C. H. Taylor. Influence of snowcover development and ground freezing on cation loss from a wetland watershed during spring runoff. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1979–1985, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-245>.

**Bower:1985:PUC**

- [1492] S. M. Bower, L. Margolis, and R. J. MacKay. Potential usefulness of chlorine for controlling Pacific salmon leeches, *Piscicola salmositica*, in hatcheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1986–1993, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-246>.

**Johnston:1985:CAL**

- [1493] C. E. Johnston and J. C. Cheverie. Comparative analysis of ionoregulation in rainbow trout (*Salmo gairdneri*) of different sizes following rapid and slow salinity adaptation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):1994–2003, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-247>.

**Neville:1985:PRJ**

- [1494] C. M. Neville. Physiological response of juvenile rainbow trout, *Salmo gairdneri*, to acid and aluminum — prediction of field responses from laboratory data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2004–2019, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-248>.

**Taylor:1985:VBM**

- [1495] Eric B. Taylor and J. D. McPhail. Variation in body morphology among British Columbia populations of Coho salmon, *Oncorhynchus kisutch*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2020–2028, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-249>.

**Taylor:1985:VBP**

- [1496] Eric B. Taylor and J. D. McPhail. Variation in burst and prolonged swimming performance among British Columbia populations of Coho salmon, *Oncorhynchus kisutch*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2029–2033, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-250>.

**Campbel:1985:ATM**

- [1497] P. G. C. Campbel and P. M. Stokes. Acidification and toxicity of metals to aquatic biota. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2034–2049, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-251>.

**Townsend:1985:RFE**

- [1498] Ralph E. Townsend. The right to fish as an external benefit of open access. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2050–2053, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-252>.

**Lessman:1985:RFW**

- [1499] Charles A. Lessman, Soosamma Kavumpurath, and Hamid R. Habibi. Removal of follicle wall components from ovarian oocytes of the brook trout, *Salvelinus fontinalis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2053–2058, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-253>.

**Kimura:1985:CSR**

- [1500] Daniel K. Kimura. Changes to stock reduction analysis indicated by Schnute's general theory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2059–2060, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-254>.

**Miller:1985:SSU**

- [1501] Robert J. Miller. Seaweeds, sea urchins, and lobsters: a reappraisal. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2061–2072, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-255>.

**Anonymous:1985:BRcj**

- [1502] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 42(12):2073–2077, December 1985. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f85-256>.

**Ryan:1986:LUW**

- [1503] P. M. Ryan. Lake use by wild anadromous Atlantic salmon, *Salmo salar*, as an index of subsequent adult abundance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):2–11, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-001>.

**Sweeney:1986:ETF**

- [1504] Bernard W. Sweeney, Robin L. Vannote, and Peter J. Dodds. Effects of temperature and food quality on growth and development of a mayfly, *Leptophlebia intermedia*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):12–18, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-002>.

**LeGrow:1986:IDP**

- [1505] S. M. LeGrow and F. W. H. Beamish. Influence of dietary protein and lipid on apparent heat increment of rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):19–25, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-003>.

**Malison:1986:SDU**

- [1506] Jeffrey A. Malison, Terrence B. Kayes, Cody D. Best, Clyde H. Amundson, and Bernard C. Wentworth. Sexual differentiation and use of hormones to control sex in yellow perch (*Perca flavescens*). *Canadian*



*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):26–35, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-004>.

**Shotts:1986:PEE**

- [1507] E. B. Shotts, V. S. Blazer, and W. D. Waltman. Pathogenesis of experimental *Edwardsiella ictaluri* infections in channel catfish (*Ictalurus punctatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):36–42, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-005>.

**Belanger:1986:UCA**

- [1508] Scott E. Belanger, Donald S. Cherry, and John Cairns, Jr. Uptake of chrysotile asbestos fibers alters growth and reproduction of Asiatic clams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):43–52, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-006>.

**Chandler:1986:HDC**

- [1509] G. Thomas Chandler. High-density culture of meiobenthic harpacticoid copepods within a muddy sediment substrate. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):53–59, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-007>.

**Santschi:1986:RRT**

- [1510] Peter H. Santschi, Urs P. Nyffeler, Robert F. Anderson, Sherry L. Schiff, Patricia O'Hara, and Raymond H. Hesslein. Response of radioactive trace metals to acid–base titrations in controlled experimental ecosystems: Evaluation of transport parameters for application to whole-lake radiotracer experiments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):60–77, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-008>.

**Campbell:1986:FTP**

- [1511] Daniel E. Campbell and J. S. Wroblewski. Fundy tidal power development and potential fish production in the Gulf of Maine. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):78–89, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-009>.

**Murawski:1986:OEA**

- [1512] S. A. Murawski and J. T. Finn. Optimal effort allocation among competing mixed-species fisheries, subject to fishing mortality constraints. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):90–100, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-010>.

**Lovejoy:1986:BOA**

- [1513] William S. Lovejoy. Bounds on the optimal age-at-first-capture for stochastic, age-structured fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):101–107, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-011>.

**Welch:1986:ISR**

- [1514] David W. Welch. Identifying the stock–recruitment relationship for age-structured populations using time-invariant matched linear filters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):108–123, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-012>.

**Rahel:1986:BIF**

- [1515] Frank J. Rahel. Biogeographic influences on fish species composition of Northern Wisconsin lakes with applications for lake acidification studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):124–134, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-013>.

**Moussalli:1986:OSS**

- [1516] Elie Moussalli and Ray Hilborn. Optimal stock size and harvest rate in multistage life history models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):135–141, January 1986. CODEN CJFSDX. ISSN 0706-

652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-014>.

**Lockyer:1986:BFC**

- [1517] Christina Lockyer. Body fat condition in Northeast Atlantic fin whales, *Balaenoptera physalus*, and its relationship with reproduction and food resource. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):142–147, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-015>.

**Smith:1986:LNE**

- [1518] Val H. Smith. Light and nutrient effects on the relative biomass of blue-green algae in lake phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):148–153, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-016>.

**Evans:1986:RMD**

- [1519] Marlene S. Evans. Recent major declines in zooplankton populations in the inshore region of Lake Michigan: Probable causes and implications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):154–159, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-017>.

**Bartell:1986:IPP**

- [1520] S. M. Bartell, J. E. Breck, R. H. Gardner, and A. L. Brenkert. Individual parameter perturbation and error analysis of fish bioenergetics models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):160–168, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-018>.

**Chen:1986:EAM**

- [1521] Thomas T. Chen, P. C. Reid, R. Van Beneden, and R. A. Sonstegard. Effect of Aroclor 1254 and Mirex on estradiol-induced vitellogenin production in juvenile rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):169–173, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-019>.

**Reed:1986:ACE**

- [1522] William J. Reed. Analyzing catch–effort data allowing for randomness in the catching process. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):174–186, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-020>.

**Rose:1986:GDS**

- [1523] G. A. Rose. Growth decline in subyearling brook trout (*Salvelinus fontinalis*) after emergence of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):187–193, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-021>.

**Tonn:1986:SLP**

- [1524] William M. Tonn and Cynthia A. Paszkowski. Size-limited predation, winterkill, and the organization of *Umbra-Perca* fish assemblages. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):194–202, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-022>.

**Pelletier:1986:MBD**

- [1525] Emilien Pelletier. Modification de la bioaccumulation du sélénium chez *Mytilus edulis* en présence du mercure organique et inorganique. (French) [Modification of the bioaccumulation of selenium in *Mytilus edulis* in the presence of organic and inorganic mercury]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):203–210, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-023>.

**Frank:1986:ESC**

- [1526] Kenneth T. Frank. Ecological significance of the ctenophore *Pleurobrachia pileus* off Southwestern Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):211–222, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-024>.

**Magnhagen:1986:ADI**

- [1527] Carin Magnhagen. Activity differences influencing food selection in the marine fish *Pomatoschistus microps*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):223–227, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-025>.

**Meade:1986:HCC**

- [1528] James W. Meade and Roger Lee Herman. Histological changes in cultured lake trout, *Salvelinus namaycush*, subjected to cumulative loading in a water reuse system. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):228–231, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-026>.

**Lalande:1986:ASS**

- [1529] Hélène Lalande and William H. Hendershot. Aluminum speciation in some synthetic systems: Comparison of the fast-oxine, pH 5.0 extraction and dialysis methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):231–234, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-027>.

**Fahnenstiel:1986:IPL**

- [1530] Gary L. Fahnenstiel, Linda Sicko-Goad, Donald Scavia, and Eugene F. Stoermer. Importance of picoplankton in Lake Superior. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):235–240, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-028>.

**Renyard:1986:SAP**

- [1531] T. S. Renyard and Ray Hilborn. Sports angler preferences for alternative regulatory methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):240–242, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-029>.

**Orr:1986:AIC**

- [1532] P. L. Orr, R. W. Bradley, J. B. Sprague, and N. J. Hutchinson. Acclimation-induced change in toxicity of aluminum to rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):243–246, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-030>.

**Anonymous:1986:BRCa**

- [1533] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(1):247, January 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-031>.

**Beacham:1986:CDB**

- [1534] Terry D. Beacham and Clyde B. Murray. Comparative developmental biology of chum salmon (*Oncorhynchus keta*) from the Fraser River, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):252–262, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-032>.

**Shacklock:1986:WSG**

- [1535] Peter F. Shacklock and James S. Craigie. Winter survival and growth of *Chondrus crispus* in onshore culture tanks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):263–268, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-033>.

**Peterman:1986:EPI**

- [1536] Randall M. Peterman, Michael J. Bradford, and Judith L. Anderson. Environmental and parental influences on age at maturity in sockeye salmon (*Oncorhynchus nerka*) from the Fraser River, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):269–274, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-034>.

**Tam:1986:ECE**

- [1537] W. H. Tam and P. D. Payson. Effects of chronic exposure to sublethal pH on growth, egg production, and ovulation in brook trout, *Salvelinus fontinalis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):275–280, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-035>.

**Bielak:1986:CMW**

- [1538] Alex T. Bielak and Geoffrey Power. Changes in mean weight, sea-age composition, and catch-per-unit-effort of Atlantic salmon (*Salmo salar*) angled in the Godbout River, Quebec, 1859–1983. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):281–287, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-036>.

**Stephenson:1986:LAL**

- [1539] M. Stephenson and G. L. Mackie. Lake acidification as a limiting factor in the distribution of the freshwater amphipod *Hyalella azteca*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):288–292, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-037>.

**Tarapchak:1986:IPP**

- [1540] Stephen J. Tarapchak and Czesia Nalewajko. Introduction: Phosphorus–Plankton Dynamics Symposium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):293–301, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-038>.

**Francko:1986:EPC**

- [1541] David A. Francko. Epilimnetic phosphorus cycling: Influence of humic materials and iron on coexisting major mechanisms. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):302–310, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-039>.

**Currie:1986:DAB**

- [1542] David J. Currie, Ellen Bentzen, and Jacob Kalff. Does algal–bacterial phosphorus partitioning vary among lakes? A comparative study of orthophosphate uptake and alkaline phosphatase activity in freshwater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):311–318, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-040>.

**Tarapchak:1986:PUM**

- [1543] Stephen J. Tarapchak and Lynn R. Herche. Phosphate uptake by microorganisms in lake water: Deviations from simple Michaelis–Menten kinetics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):319–328, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-041>.

**Nalewajko:1986:LHP**

- [1544] C. Nalewajko, B. Paul, K. Lee, and H. Shear. Light history, phosphorus status, and the occurrence of light stimulation or inhibition of phosphate uptake in Lake Superior phytoplankton and bacteria. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):329–335, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-042>.

**DePinto:1986:MRP**

- [1545] Joseph V. De Pinto, Thomas C. Young, James S. Bonner, and Paul W. Rodgers. Microbial recycling of phytoplankton phosphorus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):336–342, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-043>.

**Heath:1986:DOP**

- [1546] Robert T. Heath. Dissolved organic phosphorus compounds: Do they satisfy planktonic phosphate demand in summer? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):343–350, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-044>.



**Kilham:1986:DLM**

- [1547] Susan Soltau Kilham. Dynamics of Lake Michigan natural phytoplankton communities in continuous cultures along a Si:P loading gradient. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):351–360, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-045>.

**Bowers:1986:PRP**

- [1548] James A. Bowers. Phosphorus regeneration by the predatory copepod *Diacyclops thomasi*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):361–365, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-046>.

**Levine:1986:RSP**

- [1549] S. N. Levine, M. P. Stainton, and D. W. Schindler. A radiotracer study of phosphorus cycling in a eutrophic Canadian Shield lake, Lake 227, Northwestern Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):366–378, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-047>.

**Auer:1986:ICN**

- [1550] Martin T. Auer, Mark S. Kieser, and Raymond P. Canale. Identification of critical nutrient levels through field verification of models for phosphorus and phytoplankton growth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):379–388, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-048>.

**Sakshaug:1986:NSP**

- [1551] Egil Sakshaug and Yngvar Olsen. Nutrient status of phytoplankton blooms in Norwegian waters and algal strategies for nutrient competition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):389–396, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-049>.

**DElia:1986:NES**

- [1552] Christopher F. D'Elia, James G. Sanders, and Walter R. Boynton. Nutrient enrichment studies in a coastal plain estuary: Phytoplankton growth in large-scale, continuous cultures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):397–406, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-050>.

**Schelske:1986:PES**

- [1553] Claire L. Schelske, Eugene F. Stoermer, Gary L. Fahnenstiel, and Mark Haibach. Phosphorus enrichment, silica utilization, and biogeochemical silica depletion in the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):407–415, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-051>.

**Tarapchak:1986:SPP**

- [1554] Stephen J. Tarapchak and Czesia Nalewajko. Synopsis: Phosphorus–Plankton Dynamics Symposium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):416–419, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-052>.

**Nero:1986:ZSA**

- [1555] Redwood W. Nero and W. Gary Sprules. Zooplankton species abundance and biomass in relation to occurrence of *Mysis relicta* (Mala-costraca: Mysidacea). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):420–434, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-053>.

**Scavia:1986:ISP**

- [1556] Donald Scavia, Gary L. Fahnenstiel, Marlene S. Evans, David J. Jude, and John T. Lehman. Influence of salmonine predation and weather on long-term water quality trends in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):435–443, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-054>.

**Carter:1986:LZA**

- [1557] J. C. H. Carter, W. D. Taylor, R. Chengalath, and D. A. Scruton. Limnetic zooplankton assemblages in Atlantic Canada with special reference to acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2): 444–456, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-055>.

**Crecco:1986:EDD**

- [1558] Victor Crecco, Thomas Savoy, and Walter Whitworth. Effects of density-dependent and climatic factors on American shad, *Alosa sapidissima*, recruitment: a predictive approach. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):457–463, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-056>.

**Mysak:1986:NNI**

- [1559] Lawrence A. Mysak. El Niño, interannual variability and fisheries in the Northeast Pacific Ocean. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):464–497, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-057>.

**Hamilton:1986:PES**

- [1560] Kevin Hamilton and Lawrence A. Mysak. Possible effects of the Sitka Eddy on sockeye (*Oncorhynchus nerka*) and pink salmon (*Oncorhynchus gorbuscha*) migration off Southeast Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):498–504, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-058>.

**Anonymous:1986:BRcb**

- [1561] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):505–506, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-059>.

**Anonymous:1986:CRPa**

- [1562] Anonymous. Corrections to recent publications/corrections sur récents publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(2):509, February 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-060>.

**Conover:1986:TSP**

- [1563] David O. Conover and Mark H. Fleisher. Temperature-sensitive period of sex determination in the Atlantic silverside, *Menidia menidia*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):514–520, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-061>.

**Markiw:1986:SWD**

- [1564] Maria E. Markiw. Salmonid whirling disease: Dynamics of experimental production of the infective stage — the triactinomyxon spore. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):521–526, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-062>.

**Nickelson:1986:IUO**

- [1565] Thomas E. Nickelson. Influences of upwelling, ocean temperature, and smolt abundance on marine survival of Coho salmon (*Oncorhynchus kisutch*) in the Oregon production area. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):527–535, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-063>.

**Levy:1986:BLP**

- [1566] E. M. Levy. Background levels of petroleum residues in the waters and surficial bottom sediments of the Labrador Shelf and Hudson Strait/Foxe Basin regions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):536–547, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-064>.

**Hinch:1986:GLR**

- [1567] Scott G. Hinch, Robert C. Bailey, and Roger H. Green. Growth of *Lampsilis radiata* (Bivalvia: Unionidae) in sand and mud: a reciprocal transplant experiment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):548–552, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-065>.

**Roff:1986:FAP**

- [1568] Derek Roff and W. Don Bowen. Further analysis of population trends in the Northwest Atlantic harp seal (*Phoca groenlandica*) from 1967 to 1985. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):553–564, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-066>.

**Taylor:1986:CRA**

- [1569] Eric B. Taylor and P. A. Larkin. Current response and agonistic behavior in newly emerged fry of Chinook salmon, *Oncorhynchus tshawytscha*, from ocean- and stream-type populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):565–573, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-067>.

**Nurnberg:1986:IPL**

- [1570] Gertrud K. Nürnberg, Margo Shaw, Peter J. Dillon, and Don J. McQueen. Internal phosphorus load in an oligotrophic Precambrian Shield lake with an anoxic hypolimnion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):574–580, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-068>.

**Hargreaves:1986:SSC**

- [1571] N. Brent Hargreaves and Robin J. LeBrasseur. Size selectivity of Coho (*Oncorhynchus kisutch*) preying on juvenile chum salmon (*O. keta*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):581–586, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-069>.

**Roff:1986:DAL**

- [1572] J. C. Roff, L. P. Fanning, and A. B. Stasko. Distribution and association of larval crabs (Decapoda: Brachyura) on the Scotian Shelf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):587–599, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-070>.

**Graney:1986:FAA**

- [1573] R. L. Graney, T. J. Keilty, and J. P. Giesy. Free amino acid pools of five species of freshwater oligochaetes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):600–607, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-071>.

**Donald:1986:SLT**

- [1574] D. B. Donald and D. J. Alger. Stunted lake trout (*Salvelinus namaycush*) from the Rocky Mountains. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):608–612, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-072>.

**Loadman:1986:SCL**

- [1575] N. L. Loadman, G. E. E. Moodie, and J. A. Mathias. Significance of cannibalism in larval walleye (*Stizostedion vitreum*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):613–618, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-073>.

**Lamers:1986:NAA**

- [1576] C. H. J. Lamers and W. B. Van Muiswinkel. Natural and acquired agglutinins to *Aeromonas hydrophila* in carp (*Cyprinus carpio*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):619–624, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-074>.

**Rustad:1986:MSC**

- [1577] Steinar Rustad, Nils Christophersen, Hans M. Seip, and Peter J. Dillon. Model for streamwater chemistry of a tributary to Harp Lake, Ontario.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):625–633, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-075>.

**Noakes:1986:QCB**

- [1578] D. Noakes. Quantifying changes in British Columbia Dungeness crab (*Cancer magister*) landings using intervention analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):634–639, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-076>.

**Melvin:1986:FAS**

- [1579] Gary D. Melvin, Michael J. Dadswell, and James D. Martin. Fidelity of American shad, *Alosa sapidissima* (Gupeidae), to its river of previous spawning. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):640–646, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-077>.

**Hutchinson:1986:TTM**

- [1580] N. J. Hutchinson and J. B. Sprague. Toxicity of trace metal mixtures to American flagfish (*Jordanella floridae*) in soft, acidic water and implications for cultural acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):647–655, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-078>.

**Middlebrook:1986:CME**

- [1581] Ken Middlebrook and John C. Roff. Comparison of methods for estimating annual productivity of the copepods *Acartia hudsonica* and *Eurytemora herdmani* in Passamaquoddy Bay, New Brunswick. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):656–664, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-079>.

**Zettler:1986:ZCS**

- [1582] Erik R. Zettler and John C. H. Carter. Zooplankton community and species responses to a natural turbidity gradient in Lake Temiskaming,

Ontario–Quebec. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):665–673, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-080>.

**Rosenberg:1986:AEA**

- [1583] Andrew A. Rosenberg and Roger W. Doyle. Analysing the effect of age structure on stock–recruitment relationships in herring (*Clupea harengus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):674–679, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-081>.

**Birt:1986:PST**

- [1584] Tim P. Birt and John M. Green. Parr–smolt transformation in female and sexually mature male anadromous and nonanadromous Atlantic salmon, *Salmo salar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):680–686, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-082>.

**Harrison:1986:EPC**

- [1585] Gail I. Harrison, Peter G. C. Campbell, and André Tessier. Effects of pH changes on zinc uptake by *Chlamydomonas variabilis* grown in batch culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):687–693, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-083>.

**Sanders:1986:DIE**

- [1586] James G. Sanders. Direct and indirect effects of arsenic on the survival and fecundity of estuarine zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):694–699, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-084>.

**Peckarsky:1986:CNS**

- [1587] Barbara L. Peckarsky. Colonization of natural substrates by stream benthos. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):700–709, March



1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-085>.

**Walczak:1986:EMA**

- [1588] Barbara Z. Walczak, U. Theodore Hammer, and P. Ming Huang. Eco-physiology and mercury accumulation of rainbow trout (*Salmo gairdneri*) when exposed to mercury in various concentrations of chloride. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):710–714, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-086>.

**Brown:1986:ITC**

- [1589] S. B. Brown, R. E. Evans, and Toshiaki J. Hara. Interrenal, thyroidal, carbohydrate, and electrolyte responses in rainbow trout (*Salmo gairdneri*) during recovery from the effects of acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):714–718, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-087>.

**Volk:1986:UCO**

- [1590] Eric C. Volk. Use of calcareous otic elements (statoliths) to determine age of sea lamprey ammocoetes (*Petromyzon marinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):718–722, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-088>.

**Anonymous:1986:BRCc**

- [1591] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(3):723–725, March 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-089>.

**Hutchings:1986:LMJ**

- [1592] Jeffrey A. Hutchings. Lakeward migrations by juvenile Atlantic salmon, *Salmo salar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):732–741, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-090>.

**Ratkowsky:1986:SPA**

- [1593] D. A. Ratkowsky. Statistical properties of alternative parameterizations of the von Bertalanffy growth curve. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):742–747, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-091>.

**Overholtz:1986:RVI**

- [1594] William J. Overholtz, Michael P. Sissenwine, and Stephen H. Clark. Recruitment variability and its implication for managing and rebuilding the Georges Bank haddock (*Melanogrammus aeglefinus*) stock. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):748–753, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-092>.

**Johnson:1986:TST**

- [1595] M. G. Johnson, L. R. Culp, and S. E. George. Temporal and spatial trends in metal loadings to sediments of the Turkey Lakes, Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):754–762, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-093>.

**Webb:1986:EBF**

- [1596] P. W. Webb. Effect of body form and response threshold on the vulnerability of four species of teleost prey attacked by largemouth bass (*Micropterus salmoides*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):763–771, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-094>.

**Campbell:1986:ELA**

- [1597] Alan Campbell and John Bratney. Egg loss from the American lobster, *Homarus americanus*, in relation to Nemertean, *Pseudocarcinonemertes homari*, infestation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):772–780, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-095>.

**Kenchington:1986:MCT**

- [1598] T. J. Kenchington. Morphological comparison of two Northwest Atlantic redfishes, *Sebastes fasciatus* and *S. mentella*, and techniques for their identification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):781–787, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-096>.

**Yan:1986:EPC**

- [1599] N. D. Yan. Empirical prediction of crustacean zooplankton biomass in nutrient-poor Canadian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):788–796, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-097>.

**Shortreed:1986:TSS**

- [1600] Ken S. Shortreed and John G. Stockner. Trophic status of 19 subarctic lakes in the Yukon Territory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):797–805, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-098>.

**Bendell-Young:1986:ACW**

- [1601] Leah I. Bendell-Young, Harold H. Harvey, and Jeffrey F. Young. Accumulation of cadmium by white suckers (*Catostomus commersoni*) in relation to fish growth and lake acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):806–811, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-099>.

**Loftus:1986:PLL**

- [1602] D. H. Loftus and P. F. Hulsman. Predation on larval lake whitefish (*Coregonus clupeaformis*) and lake herring (*C. artedii*) by adult rainbow smelt (*Osmerus mordax*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):812–818, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-100>.

**Madenjian:1986:IAP**

- [1603] Charles P. Madenjian, David J. Jude, and Frank J. Tesar. Intervention analysis of power plant impact on fish populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):819–829, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-101>.

**Walters:1986:IBP**

- [1604] Carl J. Walters, M. Stocker, A. V. Tyler, and S. J. Westrheim. Interaction between Pacific cod (*Gadus macrocephalus*) and herring (*Clupea harengus pallasii*) in the Hecate Strait, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):830–837, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-102>.

**Johnson:1986:WSC**

- [1605] David F. Johnson, Louis W. Botsford, Richard D. Methot, Jr., and Thomas C. Wainwright. Wind stress and cycles in Dungeness crab (*Cancer magister*) catch off California, Oregon, and Washington. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):838–845, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-103>.

**Campbell:1986:EFR**

- [1606] C. E. Campbell and E. E. Prepas. Evaluation of factors related to the unusually low chlorophyll levels in prairie saline lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):846–854, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-104>.

**Haymes:1986:EAA**

- [1607] Gerard T. Haymes and Paul H. Patrick. Exclusion of adult alewife, *Alosa pseudoharengus* using low-frequency sound for application at water intakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):855–862, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-105>.

**Evans:1986:CSS**

- [1608] Geoffrey T. Evans and J. Brian Dempson. Calculating the sensitivity of a salmonid population model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):863–868, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-106>.

**Cunningham:1986:ILP**

- [1609] G. L. Cunningham and B. J. Shuter. Interaction of low pH and starvation on body weight and composition of young-of-year smallmouth bass (*Micropterus dolomieu*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):869–876, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-107>.

**Cornett:1986:TBW**

- [1610] R. Jack Cornett and Ivan L. Ophel. Transport of  $^{60}\text{Co}$  between water and sediments in a small shield lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):877–884, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-108>.

**Zaugg:1986:STS**

- [1611] W. S. Zaugg, J. E. Bodle, J. E. Manning, and E. Wold. Smolt transformation and seaward migration in 0-age progeny of adult spring Chinook salmon (*Oncorhynchus tshawytscha*) matured early with photoperiod control. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):885–888, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-109>.

**Hannesson:1986:OTY**

- [1612] Rögnvaldur Hannesson. Optimal thinning of a year-class with density-dependent growth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):889–892, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-110>.

**Morantz:1986:SEW**

- [1613] D. L. Morantz, S. E. Barbour, and R. K. Sweeney. Source of error in water velocity measurement for aquatic studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):893–896, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-111>.

**Favro:1986:CRE**

- [1614] L. D. Favro, P. K. Kuo, and J. F. McDonald. Capture–recapture experiment with fly-caught brown (*Salmo trutta*) and rainbow trout (*S. gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):896–899, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-112>.

**Minns:1986:LSR**

- [1615] C. K. Minns, J. R. M. Kelso, and M. G. Johnson. Large-scale risk assessment of acid rain impacts on fisheries: Models and lessons. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):900–921, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-113>.

**Anonymous:1986:BRCD**

- [1616] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(4):922–923, April 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-114>.

**Shenker:1986:LFG**

- [1617] Jonathan M. Shenker and Bori L. Olla. Laboratory feeding and growth of juvenile sablefish, *Anoplopoma fimbria*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):930–937, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-115>.

**Chow-Fraser:1986:DCD**

- [1618] Patricia Chow-Fraser and C. Kim Wong. Dietary change during development in the freshwater calanoid copepod *Epischura lacustris* Forbes.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):938–944, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-116>.

**Reno:1986:EIP**

- [1619] Paul W. Reno, Katherine Kleftis, Stuart W. Sherburne, and Bruce L. Nicholson. Experimental infection and pathogenesis of viral erythrocytic necrosis (VEN) in Atlantic cod, *Gadus morhua*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):945–951, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-117>.

**Harding:1986:DVM**

- [1620] G. C. Harding, W. P. Vass, B. T. Hargrave, and S. Pearre, Jr. Diel vertical movements and feeding activity of zooplankton in St. Georges Bay, N.S., using net tows and a newly developed passive trap. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):952–967, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-118>.

**Courtois:1986:RAP**

- [1621] R. Courtois and J. J. Dodson. Régime alimentaire et principaux facteurs influençant l'alimentation des larves de capelan (*Mallotus villosus*), d'éperlan (*Osmerus mordax*) et de hareng (*Clupea harengus harengus*) dans un estuaire partiellement mélangé. (French) [Diet and main factors influencing the diet of capelin (*Mallotus villosus*), perlan (*Osmerus mordax*) and herring (*Clupea harengus harengus* larvae) in a partially mixed estuary]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):968–979, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-119>.

**Jensen:1986:DAS**

- [1622] Arne Johan Jensen and Bjørn Ove Johnsen. Different adaptation strategies of Atlantic salmon (*Salmo salar*) populations to extreme climates with special reference to some cold Norwegian rivers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):980–984, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-120>.

**Riget:1986:PSE**

- [1623] F. F. Riget, K. H. Nygaard, and B. Christensen. Population structure, ecological segregation, and reproduction in a population of Arctic char (*Salvelinus alpinus*) from Lake Tasersuaq, Greenland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):985–992, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-121>.

**Lodge:1986:LTD**

- [1624] David M. Lodge, Timothy K. Kratz, and Gregory M. Capelli. Long-term dynamics of three crayfish species in Trout Lake, Wisconsin. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):993–998, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-122>.

**Furnell:1986:MMM**

- [1625] Donald J. Furnell and J. R. Brett. Model of monthly marine growth and natural mortality for Babine Lake sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):999–1004, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-123>.

**Williams:1986:FIM**

- [1626] D. Dudley Williams. Factors influencing the microdistribution of two sympatric species of Plecoptera: an experimental study. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1005–1009, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-124>.

**Thomson:1986:CAL**

- [1627] C. A. Thomson and J. R. Geraci. Cortisol, aldosterone, and leucocytes in the stress response of bottlenose dolphins, *Tursiops truncatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1010–1016, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-125>.



**Wood:1986:PRA**

- [1628] Chris M. Wood and Mary S. Rogano. Physiological responses to acid stress in crayfish (*Orconectes*): Haemolymph ions, acid–base status, and exchanges with the environment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1017–1026, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-126>.

**McGlade:1986:SAF**

- [1629] J. M. McGlade. Selected articles on fish genetics: Introduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1027, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-127>.

**Scott:1986:FAP**

- [1630] Gary K. Scott, Garth L. Fletcher, and Peter L. Davies. Fish antifreeze proteins: Recent gene evolution. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1028–1034, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-128>.

**Foster:1986:DCM**

- [1631] E. A. D. Foster. A distance constraint model for the prediction of protein tertiary structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1035–1044, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-129>.

**Rehse:1986:ERF**

- [1632] Peter H. Rehse and William S. Davidson. Evolutionary relationship of a fish C type lactate dehydrogenase to other vertebrate lactate dehydrogenase isozymes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1045–1051, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-130>.

**McGlade:1986:EME**

- [1633] Jacqueline McGlade and Peter Allen. Evolution of multifunctionalism in enzymes: Specialist versus generalist strategies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1052–1058, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-131>.

**Doyle:1986:ASG**

- [1634] Roger W. Doyle and André J. Talbot. Artificial selection on growth and correlated selection on competitive behaviour in fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1059–1064, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-132>.

**Chow-Fraser:1986:EMP**

- [1635] Patricia Chow-Fraser. An empirical model to predict in situ grazing rates of *Diatomus minutus* Lilljeborg on small algal particles. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1065–1070, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-133>.

**Jude:1986:SDE**

- [1636] D. J. Jude, P. J. Mansfield, S. F. DeBoe, and F. J. Tesar. Spatial distribution of entrained fish larvae in a power plant discharge canal. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1070–1074, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-134>.

**Verspoor:1986:SCT**

- [1637] Eric Verspoor. Spatial correlations of transferrin allele frequencies in Atlantic salmon (*Salmo salar*) populations from North America. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1074–1078, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-135>.

**Leslie:1986:CLF**

- [1638] J. K. Leslie and J. E. Moore. Changes in lengths of fixed and preserved young freshwater fish. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1079–1081, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-136>.

**Anonymous:1986:ON**

- [1639] Anonymous. Obituary/nécrologie. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1082–1083, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-137>.

**Anonymous:1986:LCLa**

- [1640] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1084–1094, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-138>.

**Anonymous:1986:BRCe**

- [1641] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(5):1095–1097, May 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-139>.

**Welch:1986:PCC**

- [1642] Harold E. Welch and John A. Legault. Precipitation chemistry and chemical limnology of fertilized and natural lakes at Saqvaquac, N.W.T. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1104–1134, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-140>.

**Reinertsen:1986:ACP**

- [1643] Helge Reinertsen, Arne Jensen, Arnfinn Langeland, and Yngvar Olsen. Algal competition for phosphorus: The influence of zooplankton and fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1135–1141, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-141>.

**Whyte:1986:ISS**

- [1644] J. N. C. Whyte, J. R. Englar, B. L. Carswell, and K. E. Medic. Influence of starvation and subsequent feeding on body composition and energy reserves in the prawn *Pandalus platyceros*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1142–1148, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-142>.

**Hilton:1986:DUC**

- [1645] J. W. Hilton and S. J. Slinger. Digestibility and utilization of canola meal in practical-type diets for rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1149–1155, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-143>.

**Reiter:1986:CVS**

- [1646] Michael A. Reiter and Robert E. Carlson. Current velocity in streams and the composition of benthic algal mats. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1156–1162, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-144>.

**Nalewajko:1986:EEV**

- [1647] C. Nalewajko and D. Voltolina. Effects of environmental variables on growth rates and physiological characteristics of Lake Superior phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1163–1170, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-145>.

**Hambright:1986:ESI**

- [1648] K. David Hambright, Robert J. Trebatoski, Ray W. Drenner, and Dean Kettle. Experimental study of the impacts of bluegill (*Lepomis macrochirus*) and largemouth bass (*Micropterus salmoides*) on pond community structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1171–1176, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-146>.

**Whalen:1986:SIC**

- [1649] S. C. Whalen and V. Alexander. Seasonal inorganic carbon and nitrogen transport by phytoplankton in an Arctic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1177–1186, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-147>.

**Allen:1986:DDE**

- [1650] P. M. Allen and J. M. McGlade. Dynamics of discovery and exploitation: The case of the Scotian Shelf groundfish fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1187–1200, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-148>.

**Quigley:1986:PRP**

- [1651] Michael A. Quigley and John A. Robbins. Phosphorus release processes in nearshore Southern Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1201–1207, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-149>.

**Victor:1986:DMR**

- [1652] Benjamin C. Victor. Delayed metamorphosis with reduced larval growth in a coral reef fish (*Thalassoma bifasciatum*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1208–1213, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-150>.

**Richards:1986:ESA**

- [1653] Laura J. Richards and Jon T. Schnute. An experimental and statistical approach to the question: Is CPUE an index of abundance? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1214–1227, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-151>.

**Bird:1986:CHO**

- [1654] Jerry L. Bird, Duane T. Eppler, and David M. Checkley, Jr. Comparisons of herring otoliths using Fourier series shape analysis. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1228–1234, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-152>.

**Morin:1986:MPC**

- [1655] Antoine Morin, Pierre-Paul Harper, and Robert Henry Peters. Microhabitat-preference curves of blackfly larvae (Diptera: Simuliidae): a comparison of three estimation methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1235–1241, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-153>.

**Myers:1986:VMP**

- [1656] Ransom A. Myers, Jeffrey A. Hutchings, and R. John Gibson. Variation in male parr maturation within and among populations of Atlantic salmon, *Salmo salar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1242–1248, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-154>.

**Thomas:1986:WHP**

- [1657] A. C. Thomas and W. J. Emery. Winter hydrography and plankton distribution on the Southern British Columbia Continental Shelf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1249–1258, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-155>.

**Peterson:1986:CFT**

- [1658] Bruce J. Peterson, John E. Hobbie, and Teresa L. Corliss. Carbon flow in a tundra stream ecosystem. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1259–1270, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-156>.

**Findlay:1986:BBB**

- [1659] Stuart Findlay, Judy L. Meyer, and Rebecca Risley. Benthic bacterial biomass and production in two blackwater rivers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1271–1276, June 1986. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-157>.

**Lasenby:1986:TPE**

- [1660] D. C. Lasenby, T. G. Northcote, and M. Fürst. Theory, practice, and effects of *Mysis relicta* introductions to North American and Scandinavian lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1277–1284, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-158>.

**Burton:1986:IPA**

- [1661] Thomas M. Burton and Jon W. Allan. Influence of pH, aluminum, and organic matter on stream invertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1285–1289, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-159>.

**Hawkins:1986:PRA**

- [1662] C. M. Hawkins, J. D. Castell, and V. Leroyer. Patterns and rates of ammonia excretion by juvenile American lobsters, *Homarus americanus*, fed casein- and crab protein-based diets. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1290–1294, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-160>.

**McIntyre:1986:EFL**

- [1663] D. B. McIntyre and F. J. Ward. Estimating fork lengths of fathead minnows, *Pimephales promelas*, from measurement of pharyngeal arches. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1294–1297, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-161>.

**Wohlfarth:1986:DNF**

- [1664] Giora W. Wohlfarth. Decline in natural fisheries — a genetic analysis and suggestion for recovery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1298–1306, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-162>.

**Anonymous:1986:BRCf**

- [1665] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(6):1307–1309, June 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-163>.

**McGladdery:1986:ASN**

- [1666] S. E. McGladdery. *Anisakis simplex* (Nematoda: Anisakidae) infection of the musculature and body cavity of Atlantic herring (*Clupea harengus harengus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1312–1317, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-164>.

**Mansfield:1986:AAP**

- [1667] Pamela J. Mansfield and David J. Jude. Alewife (*Alosa pseudoharengus*) survival during the first growth season in Southeastern Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1318–1326, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-165>.

**Agellon:1986:RTS**

- [1668] L. B. Agellon, T. T. Chen, R. J. Van Beneden, R. A. Sonstegard, G. F. Wagner, and B. A. McKeown. Rainbow trout (*Salmo gairdneri*) growth hormone: in vitro translation of pituitary RNA and product analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1327–1331, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-166>.

**Walter:1986:RAE**

- [1669] Gilbert G. Walter. A robust approach to equilibrium yield curves. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1332–1339, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-167>.

**Campbell:1986:EAO**

- [1670] P. J. Campbell and F. H. Rigler. Effect of ambient oxygen concentration on measurements of sediment oxygen consumption. *Canadian*



*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1340–1349, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-168>.

**Baron:1986:SDM**

- [1671] Jill Baron, Stephen A. Norton, David R. Beeson, and Raymond Herrmann. Sediment diatom and metal stratigraphy from Rocky Mountain lakes with special reference to atmospheric deposition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1350–1362, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-169>.

**Hanson:1986:ECB**

- [1672] John Mark Hanson and William C. Leggett. Effect of competition between two freshwater fishes on prey consumption and abundance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1363–1372, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-170>.

**Mulligan:1986:CAP**

- [1673] T. J. Mulligan and R. Kieser. Comparison of acoustic population estimates of salmon in a lake with a weir count. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1373–1385, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-171>.

**Levings:1986:DUC**

- [1674] C. D. Levings, C. D. McAllister, and B. D. Chang. Differential use of the Campbell River Estuary, British Columbia by wild and hatchery-reared juvenile Chinook salmon (*Oncorhynchus tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1386–1397, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-172>.

**Leider:1986:CLH**

- [1675] Steven A. Leider, Mark W. Chilcote, and John J. Loch. Comparative life history characteristics of hatchery and wild steelhead trout (*Salmo gairdneri*) of summer and winter races in the Kalama River, Washington.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1398–1409, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-173>.

**Holdway:1986:IPE**

- [1676] D. A. Holdway and D. G. Dixon. Impact of pulse exposure to methoxychlor on flagfish (*Jordanella floridae*) over one reproductive cycle. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1410–1415, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-174>.

**Hebert:1986:PCA**

- [1677] Paul D. N. Hebert and Brenda J. Hann. Patterns in the composition of Arctic tundra pond microcrustacean communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1416–1425, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-175>.

**Parks:1986:EPD**

- [1678] J. W. Parks, J. A. Sutton, and A. Lutz. Effect of point and diffuse source loadings on mercury concentrations in the Wabigoon River: Evidence of a seasonally varying sediment–water partition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1426–1444, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-176>.

**Peterson:1986:PVP**

- [1679] R. H. Peterson and D. J. Martin-Robichaud. Perivitelline and vitelline potentials in teleost eggs as influenced by ambient ionic strength, natal salinity, and electrode electrolyte; and the influence of these potentials on cadmium dynamics within the egg. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1445–1450, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-177>.

**Aiken:1986:OMS**

- [1680] D. E. Aiken and S. L. Waddy. Oocyte maturation and spawning in wild American lobsters (*Homarus americanus*): Lack of evidence for

significant regulation by photoperiod. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1451–1453, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-178>.

**Aiken:1986:GVD**

- [1681] D. E. Aiken and S. L. Waddy. Growth of the Vasa deferentia of mature *Homarus americanus*: Conflicting results from field and laboratory studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1453–1457, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-179>.

**Strong:1986:ACP**

- [1682] M. B. Strong, J. D. Neilson, and J. J. Hunt. Aberrant crystallization of pollock (*Pollachius virens*) otoliths. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1457–1463, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-180>.

**Larsson:1986:ZFA**

- [1683] Per Larsson. Zooplankton and fish accumulate chlorinated hydrocarbons from contaminated sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1463–1466, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-181>.

**Anonymous:1986:LCLb**

- [1684] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1467–1468, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-182>.

**Anonymous:1986:BRcg**

- [1685] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(7):1469, July 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-183>.

**Suttle:1986:PUR**

- [1686] C. A. Suttle and P. J. Harrison. Phosphate uptake rates of phytoplankton assemblages grown at different dilution rates in semicontinuous culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1474–1481, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-184>.

**Currie:1986:DOU**

- [1687] David J. Currie. Does orthophosphate uptake supply sufficient phosphorus to phytoplankton to sustain their growth? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1482–1487, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-185>.

**Lauren:1986:IWH**

- [1688] Darrel Jon Laurén and D. G. McDonald. Influence of water hardness, pH, and alkalinity on the mechanisms of copper toxicity in juvenile rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1488–1496, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-186>.

**Cusimano:1986:EPT**

- [1689] Robert F. Cusimano, David F. Brakke, and Gary A. Chapman. Effects of pH on the toxicities of cadmium, copper, and zinc to steelhead trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1497–1503, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-187>.

**Hardy:1986:BPZ**

- [1690] F. Joan Hardy, Ken S. Shortreed, and John G. Stockner. Bacterioplankton, phytoplankton, and zooplankton communities in a British Columbia coastal lake before and after nutrient reduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1504–1514, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-188>.

**Dawson:1986:LLA**

- [1691] V. K. Dawson, D. A. Johnson, and J. L. Allen. Loss of lampricides by adsorption on bottom sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1515–1520, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-189>.

**Murphy:1986:ECC**

- [1692] Michael L. Murphy, Jonathan Heifetz, Scott W. Johnson, K. V. Koski, and John F. Thedinga. Effects of clear-cut logging with and without buffer strips on juvenile salmonids in Alaskan streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1521–1533, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-190>.

**Macdonald:1986:FRU**

- [1693] J. Stevenson Macdonald and Roger H. Green. Food resource utilization by five species of benthic feeding fish in Passamaquoddy Bay, New Brunswick. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1534–1546, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-191>.

**Schom:1986:GEM**

- [1694] C. B. Schom. Genetic, environmental, and maturational effects on Atlantic salmon (*Salmo salar*) survival in acute low pH trials. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1547–1555, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-192>.

**Scherer:1986:LAB**

- [1695] E. Scherer, S. E. Harrison, and S. B. Brown. Locomotor activity and blood plasma parameters of acid-exposed lake whitefish, *Coregonus clupeaformis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1556–1561, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f86-193>.

**Suthers:1986:RHL**

- [1696] Iain M. Suthers and John H. Gee. Role of hypoxia in limiting diel spring and summer distribution of juvenile yellow perch (*Perca flavescens*) in a prairie marsh. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1562–1570, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-194>.

**McQueen:1986:TRF**

- [1697] Donald J. McQueen, John R. Post, and Edward L. Mills. Trophic relationships in freshwater pelagic ecosystems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1571–1581, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-195>.

**Feltmate:1986:DSN**

- [1698] Blair W. Feltmate, Robert L. Baker, and Philip J. Pointing. Distribution of the stonefly nymph *Paragnetina media* (Plecoptera: Perlidae): Influence of prey, predators, current speed, and substrate composition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1582–1587, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-196>.

**Chilton:1986:NMA**

- [1699] D. E. Chilton and H. T. Bilton. New method for ageing Chinook salmon (*Onchorhynchus tshawytscha*) using dorsal fin rays, and evidence if its validity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1588–1594, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-197>.

**Helfman:1986:DDA**

- [1700] Gene S. Helfman. Diel distribution and activity of American eels (*Anguilla rostrata*) in a cave-spring. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1595–1605, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-198>.

**Kapuscinski:1986:CGF**

- [1701] Anne R. D. Kapuscinski and James E. Lannan. A conceptual genetic fitness model for fisheries management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1606–1616, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-199>.

**Hamrin:1986:VDH**

- [1702] Stellan F. Hamrin. Vertical distribution and habitat partitioning between different size classes of vendace, *Coregonus albula*, in thermally stratified lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1617–1625, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-200>.

**Berube:1986:TDD**

- [1703] Michel Bérubé and Mark A. Curtis. Transmission of *Diphyllbothrium ditremum* to Arctic char (*Salvelinus alpinus*) in two subarctic Quebec lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1626–1634, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-201>.

**Ward:1986:WDS**

- [1704] G. Milton Ward and Nicholas G. Aumen. Woody debris as a source of fine particulate organic matter in coniferous forest stream ecosystems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1635–1642, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-202>.

**Manzer:1986:FER**

- [1705] J. I. Manzer and I. Miki. Fecundity and egg retention of some sockeye salmon (*Oncorhynchus nerka*) stocks in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1643–1655, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-203>.

**Misra:1986:FCS**

- [1706] R. K. Misra. Fitting and comparing several growth curves of the generalized von Bertalanffy type. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1656–1659, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-204>.

**Cornett:1986:SMM**

- [1707] R. J. Cornett and F. H. Rigler. Simple method of measuring seston respiration in oligotrophic lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1660–1663, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-205>.

**McLeese:1986:TTS**

- [1708] J. M. McLeese and E. Don Stevens. Trypsin from two strains of rainbow trout, *Salmo gairdneri*, is influenced differently by assay and acclimation temperature. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1664–1667, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-206>.

**Fortin:1986:SBT**

- [1709] C. Fortin, D. Lapointe, and G. Charpentier. Susceptibility of brook trout (*Salvelinus fontinalis*) fry to a liquid formulation of *Bacillus thuringiensis* serovar. *israelensis* (Teknar(R)) used for blackfly control. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1667–1670, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-207>.

**Longhurst:1986:IIC**

- [1710] Alan R. Longhurst. Instar increments in copepod growth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1671–1674, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-208>.



**Anonymous:1986:LCLc**

- [1711] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1675–1677, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-209>.

**Anonymous:1986:BRCh**

- [1712] Anonymous. Book reviews/comptes rendus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1678–1679, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-210>.

**Anonymous:1986:CRPb**

- [1713] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(8):1680, August 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-211>.

**Schnute:1986:GMD**

- [1714] J. Schnute and J. O. T. Jensen. A general multivariate dose–response model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1684–1693, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-212>.

**Jensen:1986:AJS**

- [1715] J. O. T. Jensen, J. Schnute, and D. F. Alderdice. Assessing juvenile salmonid response to gas supersaturation using a general multivariate dose–response model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1694–1709, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-213>.

**Conan:1986:FMT**

- [1716] Gérard Y. Conan and Michel Comeau. Functional maturity and terminal molt of male snow crab, *Chionoecetes opilio*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 43(9):1710–1719, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-214>.

**Baker:1986:FLL**

- [1717] Robert L. Baker. Food limitation of larval dragonflies: a field test of spacing behaviour. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1720–1725, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-215>.

**VanDuyn-Henderson:1986:ZCT**

- [1718] J. A. Van Duyn-Henderson and D. C. Lasenby. Zinc and cadmium transport by the vertically migrating opossum shrimp, *Mysis relicta*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1726–1732, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-216>.

**Donald:1986:DUL**

- [1719] D. B. Donald and D. J. Alger. Dynamics of unexploited and lightly exploited populations of rainbow trout (*Salmo gairdneri*) from coastal, montane, and subalpine lakes in Western Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1733–1741, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-217>.

**Jensen:1986:FRC**

- [1720] A. L. Jensen. Functional regression and correlation analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1742–1745, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-218>.

**Hankin:1986:DER**

- [1721] David G. Hankin and M. C. Healey. Dependence of exploitation rates for maximum yield and stock collapse on age and sex structure of Chinook salmon (*Oncorhynchus tshawytscha*) stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1746–1759, September 1986. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-219>.

**Olson:1986:APY**

- [1722] Robert J. Olson and Christofer H. Boggs. Apex predation by Yellowfin tuna (*Thunnus albacares*): Independent estimates from gastric evacuation and stomach contents, bioenergetics, and cesium concentrations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1760–1775, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-220>.

**Burczynski:1986:ADB**

- [1723] Janusz J. Burczynski and Robert L. Johnson. Application of dual-beam acoustic survey techniques to limnetic populations of juvenile sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1776–1788, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-221>.

**Sprules:1986:PSS**

- [1724] W. Gary Sprules and M. Munawar. Plankton size spectra in relation to ecosystem productivity, size, and perturbation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1789–1794, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-222>.

**Stewart:1986:HGT**

- [1725] Kenton M. Stewart and Robert F. Platford. Hypersaline gradients in two Canadian High Arctic lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1795–1803, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-223>.

**Earle:1986:APC**

- [1726] J. Chris Earle, Hamish C. Duthie, and David A. Scruton. Analysis of the phytoplankton composition of 95 Labrador lakes, with special reference to natural and anthropogenic acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1804–1811, September 1986. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-224>.

**Pugsley:1986:TDD**

- [1727] C. W. Pugsley and H. B. N. Hynes. Three-dimensional distribution of winter stonefly nymphs, *Allocapnia pygmaea*, within the substrate of a Southern Ontario river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1812–1817, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-225>.

**Shepherd:1986:RBS**

- [1728] Bruce G. Shepherd, Gordon F. Hartman, and William J. Wilson. Relationships between stream and intragravel temperatures in coastal drainages, and some implications for fisheries workers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(9):1818–1822, September 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-226>.

**Heggberget:1986:GGV**

- [1729] Tor G. Heggberget, Roar A. Lund, Nils Ryman, and Gunnar Ståhl. Growth and genetic variation of Atlantic salmon (*Salmo salar*) from different sections of the River Alta, North Norway. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1828–1835, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-227>.

**Dixit:1986:SVS**

- [1730] Sushil S. Dixit and R. Douglas Evans. Spatial variability in sedimentary algal microfossils and its bearing on diatom-inferred pH reconstructions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1836–1845, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-228>.

**Mulholland:1986:ESA**

- [1731] Patrick J. Mulholland, J. W. Elwood, A. V. Palumbo, and R. J. Stevenson. Effect of stream acidification on periphyton composition, chlorophyll, and productivity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):

1846–1858, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-229>.

**Guderley:1986:MCD**

- [1732] Helga Guderley, Pierre Blier, and Lorraine Richard. Metabolic changes during the reproductive migration of two sympatric coregonines, *Coregonus artedii* and *Coregonus clupeaformis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1859–1865, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-230>.

**Gonzalez-Villasenor:1986:CCM**

- [1733] Lucia Irene González-Villaseñor, Amanda M. Burkhoff, Víctor Corces, and Dennis A. Powers. Characterization of cloned mitochondrial DNA from the teleost *Fundulus heteroclitus* and its usefulness as an interspecies hybridization probe. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1866–1872, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-231>.

**Jackson:1986:MML**

- [1734] Togwell A. Jackson. Methyl mercury levels in a polluted prairie river–lake system: Seasonal and site-specific variations, and the dominant influence of trophic conditions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1873–1887, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-232>.

**Rosseland:1986:LSR**

- [1735] B. O. Rosseland, O. K. Skogheim, H. Abrahamsen, and D. Matzow. Limestone slurry reduces physiological stress and increases survival of Atlantic salmon (*Salmo salar*) in an acidic Norwegian river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1888–1893, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-233>.

**O'Brien:1986:NVP**

- [1736] W. John O'Brien, Barbara I. Evans, and Gregory L. Howick. A new view of the predation cycle of a planktivorous fish, white crappie (*Pomoxis an-*

*nularis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1894–1899, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-234>.

**Duarte:1986:PBC**

- [1737] Carlos M. Duarte, Jacob Kalff, and Robert H. Peters. Patterns in biomass and cover of aquatic macrophytes in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1900–1908, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-235>.

**Vollestad:1986:EFR**

- [1738] L. A. Vøllestad, B. Jonsson, N. A. Hvidsten, T. F. Næsje, Ø. Haraldstad, and J. Ruud-Hansen. Environmental factors regulating the seaward migration of European silver eels (*Anguilla anguilla*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1909–1916, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-236>.

**Herman:1986:IAP**

- [1739] David Herman, Narinder K. Kaushik, and Keith R. Solomon. Impact of atrazine on periphyton in freshwater enclosures and some ecological consequences. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1917–1925, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-237>.

**Portt:1986:BPF**

- [1740] Cameron B. Portt, Eugene K. Balon, and David L. G. Noakes. Biomass and production of fishes in natural and channelized streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1926–1934, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-238>.

**Drenner:1986:EAD**

- [1741] Ray W. Drenner, Stephen T. Threlkeld, and Michael D. McCracken. Experimental analysis of the direct and indirect effects of an omnivorous

filter-feeding clupeid on plankton community structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1935–1945, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-239>.

**Holtby:1986:SAS**

- [1742] L. B. Holtby and M. C. Healey. Selection for adult size in female Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1946–1959, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-240>.

**Jasper:1986:PCL**

- [1743] Stephen Jasper and Max L. Bothwell. Photosynthetic characteristics of lotic periphyton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1960–1969, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-241>.

**Cunjak:1986:WHU**

- [1744] Richard A. Cunjak and Geoffrey Power. Winter habitat utilization by stream resident brook trout (*Salvelinus fontinalis*) and brown trout (*Salmo trutta*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1970–1981, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-242>.

**Smith:1986:PEW**

- [1745] T. G. Smith and M. O. Hammill. Population estimates of white whale, *Delphinapterus leucas*, in James Bay, Eastern Hudson Bay, and Ungava Bay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1982–1987, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-243>.

**Hearn:1986:HUB**

- [1746] William E. Hearn and Boyd E. Kynard. Habitat utilization and behavioral interaction of juvenile Atlantic salmon (*Salmo salar*) and rainbow

trout (*S. gairdneri*) in tributaries of the White River of Vermont. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1988–1998, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-244>.

**Kadlec:1986:efd**

- [1747] John A. Kadlec. Effects of flooding on dissolved and suspended nutrients in small diked marshes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):1999–2008, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-245>.

**Kadlec:1986:ion**

- [1748] John A. Kadlec. Input–output nutrient budgets for small diked marshes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2009–2016, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-246>.

**Raymond:1986:itd**

- [1749] Pierre Raymond, Gérard Leduc, and Jack A. Kornblatt. Investigation sur la toxicodynamique du cyanure et sur sa biotransformation chez la truite arc-en-ciel (*Salmo gairdneri*). (French) [Investigation into the toxicodynamics of cyanide and its biotransformation in rainbow trout (*Salmo gairdneri*)]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2017–2024, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-247>.

**Wrona:1986:eas**

- [1750] Frederick J. Wrona, Peter Calow, Ian Ford, Donald J. Baird, and Lorraine Maltby. Estimating the abundance of stone-dwelling organisms: a new method. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2025–2035, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-248>.

**Siddens:1986:cce**

- [1751] Lisbeth K. Siddens, Wayne K. Seim, Lawrence R. Curtis, and Gary A. Chapman. Comparison of continuous and episodic exposure to acidic,



aluminum-contaminated waters of brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2036–2040, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-249>.

**Hollett:1986:VMI**

- [1752] Lois Hollett, Michael Berrill, and Locke Rowe. Variation in major ion concentration of *Cambarus robustus* and *Orconectes rusticus* following exposure to low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2040–2044, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-250>.

**Roff:1986:HPM**

- [1753] John C. Roff and Russell R. Hopcroft. High precision microcomputer based measuring system for ecological research. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2044–2048, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-251>.

**Tam:1986:RRG**

- [1754] W. H. Tam, P. D. Payson, and R. J. J. Roy. Retardation and recovery of growth in brook trout fry (*Salvelinus fontinalis*) exposed for various durations to acidified water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2048–2050, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-252>.

**Anonymous:1986:LCLd**

- [1755] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(10):2051–2057, October 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-253>.

**Campbell:1986:IIW**

- [1756] Alan Campbell. Introduction to the International Workshop on Lobster Recruitment. *Canadian Journal of Fisheries and Aquatic Sciences =*

*Journal canadien des sciences halieutiques et aquatiques*, 43(11):2064–2065, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-254>.

**Stewart:1986:IA**

- [1757] James E. Stewart. Introductory address. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2068–2069, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-255>.

**Ennis:1986:SDR**

- [1758] G. P. Ennis. Stock definition, recruitment variability, and larval recruitment processes in the American lobster, *Homarus americanus*: a review. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2072–2084, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-256>.

**Jamieson:1986:IFR**

- [1759] G. S. Jamieson. Implications of fluctuations in recruitment in selected crab populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2085–2098, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-257>.

**Lyons:1986:PPR**

- [1760] William G. Lyons. Problems and perspectives regarding recruitment of spiny lobsters, *Panulirus argus*, to the South Florida fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2099–2106, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-258>.

**Pollock:1986:RFB**

- [1761] David E. Pollock. Review of the fishery for and biology of the Cape Rock lobster *Jasus lalandii* with notes on larval recruitment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2107–2117, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-259>.

**MacDonald:1986:RPS**

- [1762] Craig D. MacDonald. Recruitment of the puerulus of the spiny lobster, *Panulirus marginatus*, in Hawaii. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2118–2125, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-260>.

**Phillips:1986:PCC**

- [1763] B. F. Phillips. Prediction of commercial catches of the western rock lobster *Panulirus cygnus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2126–2130, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-261>.

**Caputi:1986:RBI**

- [1764] N. Caputi and R. S. Brown. Relationship between indices of juvenile abundance and recruitment in the western rock lobster (*Panulirus cygnus*) fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2131–2139, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-262>.

**Pringle:1986:CSL**

- [1765] J. D. Pringle. California spiny lobster (*Panulirus interruptus*) larval retention and recruitment: a review and synthesis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2142–2152, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-263>.

**Phillips:1986:PPS**

- [1766] B. F. Phillips and P. S. McWilliam. The pelagic phase of spiny lobster development. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2153–2163, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-264>.

**Hudon:1986:RHV**

- [1767] Christiane Hudon, Pierre Fradette, and Pierre Legendre. La répartition horizontale et verticale des larves de homard (*Homarus americanus*) autour des îles de la Madeleine, golfe du Saint-Laurent. (French) [The horizontal and vertical distribution of lobster larvae (*Homarus americanus*) around the Madeleine Islands, Gulf of St. Lawrence]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2164–2176, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-265>.

**Ennis:1986:SAL**

- [1768] G. P. Ennis. Swimming ability of larval American lobsters, *Homarus americanus*, in flowing water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2177–2183, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-266>.

**Sulkin:1986:ALS**

- [1769] Stephen D. Sulkin. Application of laboratory studies of larval behavior to fisheries problems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2184–2188, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-267>.

**Campbell:1986:REP**

- [1770] A. Campbell and D. S. Pezzack. Relative egg production and abundance of berried lobsters, *Homarus americanus*, in the Bay of Fundy and off Southwestern Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2190–2196, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-268>.

**Campbell:1986:MMO**

- [1771] Alan Campbell. Migratory movements of ovigerous lobsters, *Homarus americanus*, tagged off Grand Manan, Eastern Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2197–2205, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-269>.

**Pezzack:1986:EMH**

- [1772] D. S. Pezzack and D. R. Duggan. Evidence of migration and homing of lobsters (*Homarus americanus*) on the Scotian Shelf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2206–2211, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-270>.

**Booth:1986:RPR**

- [1773] John D. Booth. Recruitment of packhorse rock lobster *Jasus verreauxi* in New Zealand. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2212–2220, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-271>.

**Marx:1986:SSL**

- [1774] J. M. Marx. Settlement of spiny lobster, *Panulirus argus*, pueruli in South Florida: an evaluation from two perspectives. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2221–2227, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-272>.

**Gregory:1986:MSL**

- [1775] Douglas R. Gregory, Jr. and Ronald F. Labisky. Movements of the spiny lobster *Panulirus argus* in South Florida. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2228–2234, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-273>.

**Brown:1986:CRW**

- [1776] R. S. Brown and N. Caputi. Conservation of recruitment of the western rock lobster (*Panulirus cygnus*) by improving survival and growth of undersize rock lobsters captured and returned by fishermen to the sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2236–2242, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-274>.

**Hunt:1986:FAG**

- [1777] John H. Hunt and William G. Lyons. Factors affecting growth and maturation of spiny lobsters, *Panulirus argus*, in the Florida Keys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2243–2247, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-275>.

**Richards:1986:CSB**

- [1778] R. Anne Richards and J. Stanley Cobb. Competition for shelter between lobsters (*Homarus americanus*) and Jonah crabs (*Cancer borealis*): Effects of relative size. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2250–2255, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-276>.

**Aiken:1986:EIR**

- [1779] D. E. Aiken and S. L. Waddy. Environmental influence on recruitment of the American lobster *Homarus americanus*: a perspective. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2258–2270, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-277>.

**Quackenbush:1986:CER**

- [1780] L. Scott Quackenbush. Crustacean endocrinology, a review. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2271–2282, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-278>.

**Atema:1986:RSS**

- [1781] Jelle Atema. Review of sexual selection and chemical communication in the lobster, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2283–2290, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-279>.

**Waddy:1986:MFC**

- [1782] S. L. Waddy and D. E. Aiken. Multiple fertilization and consecutive spawning in large American lobsters, *Homarus americanus*. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2291–2294, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-280>.

**Wickham:1986:EIN**

- [1783] Daniel E. Wickham. Epizootic infestations by Nemertean brood parasites on commercially important crustaceans. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2295–2302, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-281>.

**Eagles:1986:ILF**

- [1784] M. D. Eagles, D. E. Aiken, and S. L. Waddy. Influence of light and food on larval American lobsters, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2303–2310, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-282>.

**Sasaki:1986:NBC**

- [1785] Glenn C. Sasaki, Judith McDowell Capuzzo, and Patricia Biesiot. Nutritional and bioenergetic considerations in the development of the American lobster *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2311–2319, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-283>.

**Castell:1986:ERN**

- [1786] J. D. Castell and J. C. Kean. Evaluation of the role of nutrition in lobster recruitment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2320–2327, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-284>.

**Caddy:1986:MSR**

- [1787] J. F. Caddy. Modelling stock-recruitment processes in crustacea: Some practical and theoretical perspectives. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2330–2344, November 1986. CODEN CJFSDX. ISSN 0706-

652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-285>.

**Botsford:1986:EEF**

- [1788] Louis W. Botsford. Effects of environmental forcing on age-structured populations: Northern California Dungeness crab (*Cancer magister*) as an example. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2345–2352, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-286>.

**Bannister:1986:EAA**

- [1789] R. C. A. Bannister and J. T. Addison. Effect of assumptions about the stock–recruitment relationship on a lobster (*Homarus gammarus*) stock assessment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2353–2359, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-287>.

**Addison:1986:DDM**

- [1790] J. T. Addison. Density-dependent mortality and the relationship between size composition and fishing effort in lobster populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2360–2367, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-288>.

**Fogarty:1986:RDA**

- [1791] Michael J. Fogarty and Josef S. Idoine. Recruitment dynamics in an American lobster (*Homarus americanus*) population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2368–2376, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-289>.

**Pringle:1986:SSL**

- [1792] J. D. Pringle. Summary of session 2: Lobster fisheries and recruitment variability. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2378–2379, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-290>.



**Phillips:1986:SSL**

- [1793] B. F. Phillips. Summary of session 3: Larval distribution dynamics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2380–2382, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-291>.

**Herrnkind:1986:SSB**

- [1794] William F. Herrnkind. Summary of session 4: Behavior and movements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2383, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-292>.

**Conan:1986:SSR**

- [1795] Gérard Y. Conan. Summary of session 5: Recruitment enhancement. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2384–2388, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-293>.

**Cobb:1986:SSE**

- [1796] J. Stanley Cobb. Summary of session 6: Ecology of population structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2389–2390, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-294>.

**Aiken:1986:SSF**

- [1797] D. E. Aiken. Summary of session 7: Factors affecting growth and reproduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2391, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-295>.

**Fogarty:1986:SSM**

- [1798] M. J. Fogarty. Summary of session 8: Models of stock–recruitment relationships. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2392–2393, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-296>.

**Caddy:1986:SSS**

- [1799] J. F. Caddy and A. Campbell. Summary of session 9: Summary of research recommendations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(11):2394–2396, November 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-297>.

**MacCall:1986:VPA**

- [1800] Alec D. MacCall. Virtual population analysis (VPA) equations for non-homogeneous populations, and a family of approximations including improvements on Pope's cohort analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2406–2409, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-298>.

**Wildish:1986:BMP**

- [1801] D. J. Wildish, D. L. Peer, and D. A. Greenberg. Benthic macrofaunal production in the Bay of Fundy and the possible effects of a tidal power barrage at Economy Point–Cape Tenny. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2410–2417, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-299>.

**Rose:1986:ALT**

- [1802] K. A. Rose, J. K. Summers, R. A. Cummins, and D. G. Heimbuch. Analysis of long-term ecological data using categorical time series regression. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2418–2426, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-300>.

**Oliveira:1986:NIR**

- [1803] Luis Oliveira and Naval J. Antia. Nickel ion requirements for autotrophic growth of several marine microalgae with urea serving as nitrogen source. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2427–2433, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-301>.

**Simon:1986:FSE**

- [1804] Raymond C. Simon, John D. McIntyre, and A. R. Hemmingsen. Family size and effective population size in a hatchery stock of Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2434–2442, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-302>.

**Nickelson:1986:UHC**

- [1805] Thomas E. Nickelson, Mario F. Solazzi, and Steven L. Johnson. Use of hatchery Coho salmon (*Oncorhynchus kisutch*) presmolts to rebuild wild populations in Oregon coastal streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2443–2449, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-303>.

**Hall:1986:CTS**

- [1806] Kenneth J. Hall and Thomas G. Northcote. Conductivity–temperature standardization and dissolved solids estimation in a meromictic saline lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2450–2454, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-304>.

**Lavin:1986:ADT**

- [1807] P. A. Lavin and J. D. McPhail. Adaptive divergence of trophic phenotype among freshwater populations of the threespine stickleback (*Gasterosteus aculeatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2455–2463, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-305>.

**Munn:1986:SDP**

- [1808] Nancy Munn and Ellie Prepas. Seasonal dynamics of phosphorus partitioning and export in two streams in Alberta, Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2464–2471, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-306>.

**Stockner:1986:APM**

- [1809] John G. Stockner and Naval J. Antia. Algal picoplankton from marine and freshwater ecosystems: a multidisciplinary perspective. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2472–2503, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-307>.

**Secchi:1986:EPU**

- [1810] François Secchi and Micheline Martoja. Existence de populations uricotéliques chez *Abra alba* et *Dreissena polymorpha* (bivalves eulamellibranches). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2504–2508, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-308>.

**Carter:1986:DVM**

- [1811] J. C. H. Carter and K. A. Goudie. Diel vertical migrations and horizontal distributions of *Limnocalanus macrurus* and *Senecella calanoides* (Copepoda, Calanoida) in lakes of Southern Ontario in relation to planktivorous fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2508–2514, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-309>.

**Mulcahy:1986:STI**

- [1812] Dan M. Mulcahy and Ron J. Pascho. Sequential tests for infectious hematopoietic necrosis virus in individuals and populations of sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2515–2519, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-310>.

**Smith:1986:PEF**

- [1813] Val H. Smith and Maud Wasllsten. Prediction of emergent and floating-leaved macrophyte cover in Central Swedish lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2519–2523, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-311>.

**Hershey:1986:SPP**

- [1814] Anne E. Hershey. Selective predation by *Procladius* in an Arctic Alaskan lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2523–2528, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-312>.

**Swink:1986:SSL**

- [1815] William D. Swink and Lee H. Hanson. Survival from sea lamprey (*Petromyzon marinus*) predation by two strains of lake trout (*Salvelinus namaycush*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2528–2531, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-313>.

**Ryan:1986:PAS**

- [1816] Patrick M. Ryan. Prediction of angler success in an Atlantic salmon, *Salmo salar*, fishery two fishing seasons in advance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2531–2534, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-314>.

**Anonymous:1986:LCLe**

- [1817] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 43(12):2535–2537, December 1986. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f86-315>.

**Anonymous:1987:E**

- [1818] Anonymous. Editorial. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):2, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-001>.

**Johnson:1987:TEL**

- [1819] Murray G. Johnson. Trace element loadings to sediments of fourteen Ontario lakes and correlations with concentrations in fish. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):3–13, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-002>.

**Buckley:1987:RGB**

- [1820] L. J. Buckley and R. G. Lough. Recent growth, biochemical composition and prey field of larval haddock (*Melanogrammus aeglefinus*) and Atlantic cod (*Gadus morhua*) on Georges Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):14–25, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-003>.

**Koslow:1987:RNA**

- [1821] J. Anthony Koslow, Keith R. Thompson, and William Silvert. Recruitment to Northwest Atlantic cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) stocks: Influence of stock size and climate. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):26–39, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-004>.

**Hayes:1987:CSS**

- [1822] John W. Hayes. Competition for spawning space between brown (*Salmo trutta*) and rainbow trout (*S. gairdneri*) in a lake inlet tributary, New Zealand. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):40–47, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-005>.

**Peterman:1987:DDG**

- [1823] Randall M. Peterman and Michael J. Bradford. Density-dependent growth of age 1 English sole (*Parophrys vetulus*) in Oregon and Washington coastal waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):48–53, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-006>.

**deLafontaine:1987:ESE**

- [1824] Yves de Lafontaine and William C. Leggett. Evaluation of in situ enclosures for larval fish studies. *Canadian Journal of Fisheries and Aquatic*

*Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44 (1):54–65, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-007>.

**Blackett:1987:DPA**

- [1825] Roger F. Blackett. Development and performance of an Alaska steep-pass fishway for sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):66–76, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-008>.

**Valett:1987:FQH**

- [1826] H. M. Valett and J. A. Stanford. Food quality and hydropsychid caddisfly density in a lake outlet stream in Glacier National Park, Montana, USA. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):77–82, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-009>.

**Sanders:1987:NES**

- [1827] James G. Sanders, Stephen J. Cibik, Christopher F. D’Elia, and Walter R. Boynton. Nutrient enrichment studies in a coastal plain estuary: Changes in phytoplankton species composition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):83–90, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-010>.

**Uthe:1987:CSS**

- [1828] J. F. Uthe and C. L. Chou. Cadmium in sea scallop (*Placopecten magellanicus*) tissues from clean and contaminated areas. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):91–98, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-011>.

**Lauren:1987:ACRa**

- [1829] Darrel Jon Laurén and D. G. McDonald. Acclimation to copper by rainbow trout, *Salmo gairdneri*: Physiology. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et*

*aquatiques*, 44(1):99–104, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-012>.

**Lauren:1987:ACRb**

- [1830] Darrel Jon Laurén and D. G. McDonald. Acclimation to copper by rainbow trout, *Salmo gairdneri*: Biochemistry. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):105–111, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-013>.

**Ho:1987:DPL**

- [1831] Kay T. Y. Ho and Steven P. Gloss. Distribution and persistence of the lampricide Bayer 73 following a control application. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):112–119, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-014>.

**Morantz:1987:SMS**

- [1832] D. L. Morantz, R. K. Sweeney, C. S. Shirvell, and D. A. Longard. Selection of microhabitat in summer by juvenile Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):120–129, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-015>.

**Axler:1987:SME**

- [1833] R. P. Axler and J. E. Reuter. A simple method for estimating the  $^{15}\text{N}$  content of dissolved organic matter ( $\text{DO } ^{15}\text{N}$ ) in N-cycling studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):130–133, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-016>.

**Cochran:1987:ECL**

- [1834] Roger C. Cochran. Effects of coal leachates on fish spermatogenesis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):134–139, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-017>.



**Donard:1987:RTM**

- [1835] Olivier F. X. Donard, Fredrick T. Short, and James H. Weber. Regulation of tin and methyltin compounds by the green alga *Enteromorpha* under simulated estuarine conditions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):140–145, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-018>.

**Cornett:1987:DSH**

- [1836] R. J. Cornett and F. H. Rigler. Decomposition of seston in the hypolimnion. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):146–151, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-019>.

**MacDonald:1987:GRO**

- [1837] B. A. MacDonald and N. F. Bourne. Growth, reproductive output, and energy partitioning in weathervane scallops, *Patinopecten caurinus*, from British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):152–160, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-020>.

**Maule:1987:CIS**

- [1838] Alec G. Maule, Carl B. Schreck, and Stephen L. Kaattari. Changes in the immune system of Coho salmon (*Oncorhynchus kisutch*) during the parr-to-smolt transformation and after implantation of cortisol. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):161–166, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-021>.

**Couture:1987:SFP**

- [1839] Pierre Couture, Claude Thellen, Patsy A. Thompson, and Jean-Christian Auclair. Structure and function of phytoplanktonic and microbial communities in relation to industrial wastewater discharge: an ecotoxicological approach in a lotic system. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):167–175, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-022>.

**McCauley:1987:ECZ**

- [1840] Edward McCauley and Jacob Kalff. Effect of changes in zooplankton on orthophosphate dynamics of natural phytoplankton communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):176–182, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-023>.

**Pascho:1987:ELI**

- [1841] R. J. Pascho and D. Mulcahy. Enzyme-linked immunosorbent assay for a soluble antigen of *Renibacterium salmoninarum*, the causative agent of salmonid bacterial kidney disease. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):183–191, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-024>.

**Davis:1987:AVG**

- [1842] Michael W. Davis and Bori L. Olla. Aggression and variation in growth of chum salmon (*Oncorhynchus keta*) juveniles in seawater: Effects of limited ration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):192–197, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-025>.

**Vezina:1987:SSV**

- [1843] Alain F. Vézina and Trevor Platt. Small-scale variability of new production and particulate fluxes in the ocean. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):198–205, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-026>.

**Elliott:1987:MFF**

- [1844] Diane G. Elliott and Theresa Y. Barila. Membrane filtration–fluorescent antibody staining procedure for detecting and quantifying *Renibacterium salmoninarum* in coelomic fluid of Chinook salmon (*Oncorhynchus tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):206–210, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-027>.

**Kostecki:1987:SLS**

- [1845] Paul T. Kostecki, Patricia Clifford, Steven P. Gloss, and James C. Carlisle. Scale loss and survival in smolts of Atlantic salmon (*Salmo salar*) after turbine passage. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):210–214, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-028>.

**McDowell:1987:SVA**

- [1846] William H. McDowell, Jonathan J. Cole, and Charles T. Driscoll. Simplified version of the ampoule–persulfate method for determination of dissolved organic carbon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):214–218, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-029>.

**Hardy:1987:DVB**

- [1847] Ronald W. Hardy, Edmundo Casillas, and Toshiro Masumoto. Determination of vitamin B<sub>6</sub> deficiency in rainbow trout (*Salmo gairdneri*) by liver enzyme assay and HPLC analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):219–222, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-030>.

**Pepin:1987:IAP**

- [1848] P. Pepin. Influence of alternative prey abundance on pelagic fish predation of larval fish: a model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):222–227, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-031>.

**Holdway:1987:ATM**

- [1849] D. A. Holdway, E. J. Kempe, and D. G. Dixon. Acute toxicity of methoxychlor to larval white sucker (*Catostomus commersoni*) as modified by age, food availability, and egg preexposure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(1):227–232, January 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-032>.

**Fresh:1987:IAS**

- [1850] Kurt L. Fresh and Steven L. Schroder. Influence of the abundance, size, and yolk reserves of juvenile chum salmon (*Oncorhynchus keta*) on predation by freshwater fishes in a small coastal stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):236–243, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-033>.

**Beacham:1987:AVB**

- [1851] T. D. Beacham and C. B. Murray. Adaptive variation in body size, age, morphology, egg size, and developmental biology of chum salmon (*Oncorhynchus keta*) in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):244–261, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-034>.

**Hartman:1987:UST**

- [1852] G. F. Hartman and T. G. Brown. Use of small, temporary, flood-plain tributaries by juvenile salmonids in a West Coast rain-forest drainage basin, Carnation Creek, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):262–270, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-035>.

**Hume:1987:ESD**

- [1853] Jeremy M. B. Hume and Eric A. Parkinson. Effect of stocking density on the survival, growth, and dispersal of steelhead trout fry (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):271–281, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-036>.

**Bowen:1987:AED**

- [1854] W. D. Bowen, R. A. Myers, and K. Hay. Abundance estimation of a dispersed, dynamic population: Hooded seals (*Cystophora cristata*) in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):282–295, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-037>.

**Cattaneo:1987:PLD**

- [1855] Antonella Cattaneo. Periphyton in lakes of different trophy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):296–303, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-038>.

**Drost:1987:RBA**

- [1856] Maarten R. Drost. Relation between aiming and catch success in larval fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):304–315, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-039>.

**Green:1987:AMR**

- [1857] Philip E. J. Green and P. D. M. Macdonald. Analysis of mark–recapture data from hatchery-raised salmon using log-linear models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):316–326, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-040>.

**Green:1987:NGT**

- [1858] Philip E. J. Green. New graphical techniques for analyzing salmon migration in mark–recapture experiments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):327–336, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-041>.

**Pepper:1987:SRA**

- [1859] V. A. Pepper, T. Nicholls, and N. P. Oliver. Seminaturnal rearing of Atlantic salmon (*Salmo salar*) in Newfoundland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):337–347, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-042>.

**Williams:1987:CSS**

- [1860] I. V. Williams and J. R. Brett. Critical swimming speed of Fraser and Thompson River pink salmon (*Oncorhynchus gorbuscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des*

*sciences halieutiques et aquatiques*, 44(2):348–356, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-043>.

**Collie:1987:FSY**

- [1861] Jeremy S. Collie. Food selection by yellowtail flounder (*Limanda ferruginea*) on Georges Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):357–367, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-044>.

**Menard:1987:LAV**

- [1862] Jacques Ménard and Bruno Myrand. L'incidence d' *Aerococcus viridans* var. *homari* dans le stock naturel de homards (*Homarus americanus*) des îles de la Madeleine (Québec), suite à une épidémie de gaffkémie dans un élevage *in situ*. (French) [The incidence of *Aerococcus viridans* var. *homari* in the natural stock of lobsters (*Homarus americanus*) of the Madeleine Islands (Quebec), following an epidemic of gaffkemia in a farm *in situ*]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):368–372, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-045>.

**Jones:1987:BBS**

- [1863] Keith A. Jones, Scott B. Brown, and Toshiaki J. Hara. Behavioral and biochemical studies of onset and recovery from acid stress in Arctic char (*Salvelinus alpinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):373–381, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-046>.

**Yan:1987:IED**

- [1864] N. D. Yan and G. L. Mackie. Improved estimation of the dry weight of *Holopedium gibberum* (Crustacea, Cladocera) using clutch size, a body fat index, and lake water total phosphorus concentration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):382–389, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-047>.

**McKee:1987:SRS**

- [1865] P. M. McKee, W. J. Snodgrass, D. R. Hart, H. C. Duthie, J. H. McAndrews, and W. Keller. Sedimentation rates and sediment core profiles of  $^{238}\text{U}$  and  $^{232}\text{Th}$  decay chain radionuclides in a lake affected by uranium mining and milling. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):390–398, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-048>.

**Bernatchez:1987:RBB**

- [1866] Louis Bernatchez and Julian J. Dodson. Relationship between bioenergetics and behavior in anadromous fish migrations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):399–407, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-049>.

**Mendelssohn:1987:FFA**

- [1867] Roy Mendelssohn and Philippe Cury. Fluctuations of a fortnightly abundance index of the ivoirian coastal pelagic species and associated environmental conditions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):408–421, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-050>.

**Fournier:1987:LBS**

- [1868] David A. Fournier and Ian J. Doonan. A length-based stock assessment method utilizing a generalized delay-difference model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):422–437, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-051>.

**Taggart:1987:WFH**

- [1869] Christopher T. Taggart and William C. Leggett. Wind-forced hydrodynamics and their interaction with larval fish and plankton abundance: a time-series analysis of physical–biological data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):438–451, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-052>.

**Rodgers:1987:PCD**

- [1870] Jeffrey D. Rodgers, Richard D. Ewing, and James D. Hall. Physiological changes during seaward migration of wild juvenile Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):452–457, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-053>.

**Arts:1987:ERT**

- [1871] Michael T. Arts and W. Gary Sprules. Energy reserves of three zooplankton species from two lakes with different metal concentrations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):458–466, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-054>.

**Rice:1987:EPS**

- [1872] James A. Rice, Larry B. Crowder, and Fred P. Binkowski. Evaluating potential sources of mortality for larval bloater (*Coregonus hoyi*): Starvation and vulnerability to predation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):467–472, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-055>.

**Caraco:1987:NLP**

- [1873] Nina Caraco, Armando Tamse, Osiris Boutros, and Ivan Valiela. Nutrient limitation of phytoplankton growth in brackish coastal ponds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):473–476, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-056>.

**Russell:1987:LSP**

- [1874] J. E. Russell, F. W. H. Beamish, and R. J. Beamish. Lentic spawning by the Pacific lamprey, *Lampetra tridentata*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):476–478, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-057>.



**France:1987:TBA**

- [1875] R. L. France. Test of biotic and abiotic environmental determinants of amphipod (*Hyalella azteca*) preamplixus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):478–482, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-058>.

**Anonymous:1987:LCLa**

- [1876] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):483–484, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-059>.

**Anonymous:1987:CRP**

- [1877] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(2):486, February 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-060>.

**Grant:1987:LGS**

- [1878] W. Stewart Grant, Chang Ik Zhang, Tokimasa Kobayashi, and Gunnar Ståhl. Lack of genetic stock discretion in Pacific cod (*Gadus macrocephalus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):490–498, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-061>.

**Fahnenstiel:1987:DLMa**

- [1879] Gary L. Fahnenstiel and Donald Scavia. Dynamics of Lake Michigan phytoplankton: Primary production and growth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):499–508, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-062>.

**Fahnenstiel:1987:DLMb**

- [1880] Gary L. Fahnenstiel and Donald Scavia. Dynamics of Lake Michigan phytoplankton: Recent changes in surface and deep communities. *Can-*

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):509–514, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-063>.

**Nalepa:1987:LTC**

- [1881] Thomas F. Nalepa. Long-term changes in the macrobenthos of Southern Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):515–524, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-064>.

**Beamish:1987:LHA**

- [1882] Richard J. Beamish and John H. Youson. Life history and abundance of young adult *Lampetra ayresi* in the Fraser River and their possible impact on salmon and herring stocks in the Strait of Georgia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):525–537, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-065>.

**Freedman:1987:IMB**

- [1883] B. Freedman and T. A. Clair. Ion mass balances and seasonal fluxes from four acidic brownwater streams in Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):538–548, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-066>.

**Mills:1987:FCP**

- [1884] Edward L. Mills, Daniel V. Widzowski, and Suzanne R. Jones. Food conditioning and prey selection by young yellow perch (*Perca flavescens*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):549–555, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-067>.

**Seeb:1987:GVP**

- [1885] James E. Seeb, Lisa W. Seeb, David W. Oates, and Fred M. Utter. Genetic variation and postglacial dispersal of populations of northern pike (*Esox lucius*) in North America. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et*

*aquatiques*, 44(3):556–561, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-068>.

**Kieser:1987:ITE**

- [1886] R. Kieser, T. J. Mulligan, N. J. Williamson, and M. O. Nelson. Intercalibration of two echo integration systems based on acoustic backscattering measurements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):562–572, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-069>.

**Campton:1987:GSA**

- [1887] Donald E. Campton and Fred M. Utter. Genetic structure of anadromous cutthroat trout (*Salmo clarki clarki*) populations in the Puget Sound area: Evidence for restricted gene flow. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):573–582, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-070>.

**Millar:1987:MLE**

- [1888] Russell B. Millar. Maximum likelihood estimation of mixed stock fishery composition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):583–590, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-071>.

**Lodge:1987:RSM**

- [1889] David M. Lodge and James G. Lorman. Reductions in submersed macrophyte biomass and species richness by the crayfish *Orconectes rusticus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):591–597, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-072>.

**McQueen:1987:IWT**

- [1890] D. J. McQueen and D. R. S. Lean. Influence of water temperature and nitrogen to phosphorus ratios on the dominance of blue-green algae in Lake St. George, Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):598–604, March 1987. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-073>.

**Welch:1987:FDF**

- [1891] David W. Welch. Frequency domain filtering of age-structured population data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):605–618, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-074>.

**Pringle:1987:EWS**

- [1892] Catherine M. Pringle. Effects of water and substratum nutrient supplies on lotic periphyton growth: an integrated bioassay. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):619–629, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-075>.

**Tam:1987:MCM**

- [1893] W. H. Tam, L. Birkett, R. Makaran, P. D. Payson, D. K. Whitney, and C. K.-C. Yu. Modification of carbohydrate metabolism and liver vitellogenic function in brook trout (*Salvelinus fontinalis*) by exposure to low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):630–635, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-076>.

**Cleland:1987:NKC**

- [1894] Glenn B. Cleland and Ronald A. Sonstegard. Natural killer cell activity in rainbow trout (*Salmo gairdneri*): Effect of dietary exposure to Aroclor 1254 and/or mirex. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):636–638, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-077>.

**Earle:1987:FID**

- [1895] J. C. Earle, H. C. Duthie, and David A. Scruton. Factors influencing the distribution of phytoplankton in 97 headwater lakes in insular Newfoundland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):639–649, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-078>.

**Paloheimo:1987:FIP**

- [1896] J. E. Paloheimo and R. R. Fulthorpe. Factors influencing plankton community structure and production in freshwater lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):650–657, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-079>.

**McLeay:1987:RAG**

- [1897] D. J. McLeay, I. K. Birtwell, G. F. Hartman, and G. L. Ennis. Responses of Arctic grayling (*Thymallus arcticus*) to acute and prolonged exposure to Yukon placer mining sediment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):658–673, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-080>.

**Cross:1987:SCE**

- [1898] Melvin L. Cross, Gary F. Newkirk, and Graham Johnson. Strategies for the cultivation of European oysters (*Ostrea edulis*) in the Maritime provinces of Canada: Preliminary analyses. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):674–679, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-081>.

**Roesijadi:1987:ICC**

- [1899] G. Roesijadi and G. W. Fellingham. Influence of Cu, Cd, and Zn preexposure on Hg toxicity in the mussel *Mytilus edulis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):680–684, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-082>.

**Leek:1987:VEI**

- [1900] Steve L. Leek. Viral erythrocytic inclusion body syndrome (EIBS) occurring in juvenile spring Chinook salmon (*Oncorhynchus tshawytscha*) reared in freshwater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):685–688, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-083>.

**Anonymous:1987:LCLb**

- [1901] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(3):689–694, March 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-084>.

**Johnston:1987:EPT**

- [1902] C. E. Johnston, R. W. Gray, A. McLennan, and A. Paterson. Effects of photoperiod, temperature, and diet on the reconditioning response, blood chemistry, and gonad maturation of Atlantic salmon kelts (*Salmo salar*) held in freshwater. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):702–711, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-085>.

**West:1987:ESS**

- [1903] Cameron J. West and P. A. Larkin. Evidence for size-selective mortality of juvenile sockeye salmon (*Oncorhynchus nerka*) in Babine Lake, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):712–721, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-086>.

**Parrish:1987:SAL**

- [1904] Christopher C. Parrish. Separation of aquatic lipid classes by chromarod thin-layer chromatography with measurement by latroscan flame ionization detection. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):722–731, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-087>.

**Duarte:1987:UET**

- [1905] Carlos M. Duarte. Use of echosounder tracings to estimate the above-ground biomass of submerged plants in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):732–735, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-088>.

**Wehr:1987:HSN**

- [1906] John D. Wehr, Lewis M. Brown, and Kathryn O'Grady. Highly specialized nitrogen metabolism in a freshwater phytoplankter, *Chrysochromulina breviturrita*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):736–742, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-089>.

**Knowles:1987:NSC**

- [1907] Roger Knowles and David R. S. Lean. Nitrification: a significant cause of oxygen depletion under winter ice. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):743–749, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-090>.

**Xun:1987:MSR**

- [1908] Luying Xun, N. E. R. Campbell, and John W. M. Rudd. Measurements of specific rates of net methyl mercury production in the water column and surface sediments of acidified and circumneutral lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):750–757, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-091>.

**Lyons:1987:PCA**

- [1909] John Lyons. Prey choice among piscivorous juvenile walleyes (*Stizostedion vitreum*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):758–764, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-092>.

**Gharrett:1987:GRA**

- [1910] A. J. Gharrett, S. M. Shirley, and G. R. Tromble. Genetic relationships among populations of Alaskan Chinook salmon (*Oncorhynchus tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):765–774, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-093>.

**Ostrofsky:1987:CPR**

- [1911] M. L. Ostrofsky and F. H. Rigler. Chlorophyll–phosphorus relationships for subarctic lakes in Western Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):775–781, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-094>.

**Addison:1987:TOR**

- [1912] R. F. Addison and P. F. Brodie. Transfer of organochlorine residues from blubber through the circulatory system to milk in the lactating grey seal *Halichoerus grypus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):782–786, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-095>.

**Gharrett:1987:GCP**

- [1913] A. J. Gharrett and M. A. Thomason. Genetic changes in pink salmon (*Oncorhynchus gorbuscha*) following their introduction into the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):787–792, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-096>.

**Richards:1987:CIA**

- [1914] Laura J. Richards. Comparing imprecise abundance indices with a symmetric model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):793–802, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-097>.

**Hightower:1987:OPR**

- [1915] Joseph E. Hightower and Gary D. Grossman. Optimal policies for rehabilitation of overexploited fish stocks using a deterministic model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):803–810, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-098>.



**Rudstam:1987:DSE**

- [1916] Lars G. Rudstam, Clarence S. Clay, and John J. Magnuson. Density and size estimates of cisco (*Coregonus artedii*) using analysis of echo peak PDF from a single-transducer sonar. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):811–821, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-099>.

**Wehrhahn:1987:EVR**

- [1917] C. F. Wehrhahn and R. Powell. Electrophoretic variation, regional differences, and gene flow in the Coho salmon (*Oncorhynchus kisutch*) of Southern British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):822–831, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-100>.

**Ciborowski:1987:DDM**

- [1918] Jan J. H. Ciborowski. Dynamics of drift and microdistribution of two mayfly populations: a predictive model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):832–845, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-101>.

**Kemp:1987:TMB**

- [1919] Christopher J. Kemp and Lawrence R. Curtis. Thermally modulated biliary excretion of [ $^{14}\text{C}$ ] Taurocholate in rainbow trout (*Salmo gairdneri*) and the  $\text{Na}^+$ ,  $\text{K}^+$ -ATPase. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):846–851, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-102>.

**Cornett:1987:VTO**

- [1920] R. J. Cornett and F. H. Rigler. Vertical transport of oxygen into the hypolimnion of lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):852–858, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-103>.

**Misra:1987:MTT**

- [1921] R. K. Misra and J. F. Uthe. Methods of time trends analysis applied to contaminant levels in Canadian Atlantic cod (*Gadus morhua*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):859–865, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-104>.

**Wood:1987:SIM**

- [1922] C. C. Wood, S. McKinnell, T. J. Mulligan, and D. A. Fournier. Stock identification with the maximum-likelihood mixture model: Sensitivity analysis and application to complex problems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):866–881, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-105>.

**Winters:1987:RDS**

- [1923] G. H. Winters and J. P. Wheeler. Recruitment dynamics of spring-spawning herring in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):882–900, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-106>.

**Medland:1987:AVM**

- [1924] T. E. Medland and F. W. H. Beamish. Age validation for the mountain brook lamprey, *Ichthyomyzon greeleyi*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):901–904, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-107>.

**McFarlane:1987:SDO**

- [1925] G. A. McFarlane and R. J. Beamish. Selection of dosages of oxytetracycline for age validation studies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):905–909, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-108>.

**Martin:1987:AMW**

- [1926] J. F. Martin, C. P. McCoy, W. Greenleaf, and L. Bennett. Analysis of 2-methylisoborneol in water, mud, and channel catfish (*Ictalurus punctatus*) from commercial culture ponds in Mississippi. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):909–912, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-109>.

**Sissenwine:1987:APR**

- [1927] M. P. Sissenwine and J. G. Shepherd. An alternative perspective on recruitment overfishing and biological reference points. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(4):913–918, April 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-110>.

**Schnute:1987:GFM**

- [1928] Jon Schnute. A general fishery model for a size-structured fish population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):924–940, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-111>.

**Wood:1987:PJPa**

- [1929] C. C. Wood. Predation of juvenile Pacific salmon by the common merganser (*Mergus merganser*) on Eastern Vancouver Island. i: Predation during the seaward migration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):941–949, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-112>.

**Wood:1987:PJPb**

- [1930] C. C. Wood. Predation of juvenile Pacific salmon by the common merganser (*Mergus merganser*) on Eastern Vancouver Island. II: Predation of stream-resident juvenile salmon by merganser broods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):950–959, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-113>.

**Ostrofsky:1987:PSS**

- [1931] Milton L. Ostrofsky. Phosphorus species in the surficial sediments of lakes of Eastern North America. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):960–966, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-114>.

**Rivard:1987:AEC**

- [1932] Denis Rivard and Malcolm G. Foy. An analysis of errors in catch projections for Canadian Atlantic fish stocks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):967–981, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-115>.

**Thompson:1987:DPD**

- [1933] A. B. Thompson and L. Margolis. Determination of population discreteness in two species of shrimp, *Pandalus jordani* and *Pandalopsis dispar*, from coastal British Columbia using parasite tags and other population characteristics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):982–989, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-116>.

**Rasmussen:1987:EMZ**

- [1934] Joseph B. Rasmussen and Jacob Kalff. Empirical models for zoobenthic biomass in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):990–1001, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-117>.

**Walters:1987:EMS**

- [1935] Carl J. Walters, Edith Krause, William E. Neill, and Thomas G. Northcote. Equilibrium models for seasonal dynamics of plankton biomass in four oligotrophy lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1002–1017, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-118>.

**Trippel:1987:RRF**

- [1936] Edward A. Trippel and Harold H. Harvey. Reproductive responses of five white sucker (*Catostomus commersoni*) populations in relation to lake acidity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1018–1023, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-119>.

**Mulligan:1987:MCF**

- [1937] T. J. Mulligan, R. Kieser, and T. Gjernes. A model for comparing fish density estimates from seine catches and from echo integration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1024–1030, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-120>.

**Shardlow:1987:CAI**

- [1938] Tom Shardlow, Ray Hilborn, and David Lightly. Components analysis of instream escapement methods for Pacific salmon (*Oncorhynchus* spp.). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1031–1037, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-121>.

**Hamilton:1987:STE**

- [1939] Daniel T. Hamilton and William D. Taylor. Short-term effects of zooplankton manipulations on phosphate uptake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1038–1044, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-122>.

**Keller:1987:MFP**

- [1940] Aimee Keller. Modeling and forecasting primary production rates using Box–Jenkins transfer function models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1045–1052, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-123>.

**Swartzman:1987:BMP**

- [1941] Gordon L. Swartzman, Wayne M. Getz, and Robert C. Francis. Bina-tional management of Pacific hake (*Merluccius productus*): a stochastic

modeling approach. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1053–1063, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-124>.

**Palumbo:1987:MCL**

- [1942] Anthony V. Palumbo, Patrick J. Mulholland, and Jerry W. Elwood. Microbial communities on leaf material protected from macroinvertebrate grazing in acidic and circumneutral streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1064–1070, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-125>.

**Mulcahy:1987:IHN**

- [1943] D. Mulcahy and W. N. Batts. Infectious hematopoietic necrosis virus detected by separation and incubation of cells from salmonid cavity fluid. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1071–1075, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-126>.

**Mulcahy:1987:TMS**

- [1944] D. Mulcahy, R. J. Pascho, and W. N. Batts. Testing of male sockeye salmon (*Oncorhynchus nerka*) and steel head trout (*Salmo gairdneri*) for infectious hematopoietic necrosis virus. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1075–1078, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-127>.

**Jakobsen:1987:IGR**

- [1945] Per Johan Jakobsen, Geir Helge Johnsen, and Jens Christian Holm. Increased growth rate in Atlantic salmon parr (*Salmo salar*) by using a two-coloured diet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1079–1082, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-128>.

**Kratz:1987:WSP**

- [1946] Timothy K. Kratz, Robert B. Cook, Carl J. Bowser, and Patrick L. Brezonik. Winter and spring pH depressions in Northern Wisconsin lakes

caused by increases in pCO<sub>2</sub>. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1082–1088, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-129>.

**Tang:1987:PSR**

- [1947] Yong Tang and E. T. Garside. Preexposure and subsequent resistance to lead in yearling brook trout *Salvelinus fontinalis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1089–1091, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-130>.

**Baird:1987:OCT**

- [1948] D. J. Baird, T. E. Gates, and Ronald W. Davies. Oxygen conditions in two prairie pothole lakes during winter ice cover. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1092–1095, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-131>.

**Anonymous:1987:LCLc**

- [1949] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(5):1096–1098, May 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-132>.

**France:1987:LSP**

- [1950] R. L. France and P. M. Stokes. Life stage and population variation in resistance and tolerance of *Hyalella azteca* (Amphipoda) to low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1102–1111, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-133>.

**France:1987:EHE**

- [1951] Robert L. France and Bruce D. LaZerte. Empirical hypothesis to explain the restricted distribution of *Hyalella azteca* (Amphipoda) in anthropogenically acidified lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1112–1121, June 1987. CODEN CJFSDX. ISSN 0706-652X (print),

1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-134>.

**Kleiber:1987:APS**

- [1952] P. Kleiber, A. W. Argue, and R. E. Kearney. Assessment of Pacific skipjack tuna (*Katsuwonus pelamis*) resources by estimating standing stock and components of population turnover from tagging data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1122–1134, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-135>.

**Amy:1987:MAU**

- [1953] Penny S. Amy, Bruce A. Caldwell, A. H. Soeldner, Richard Y. Morita, and L. J. Albright. Microbial activity and ultrastructure of mineral-based marine snow from Howe Sound, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1135–1142, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-136>.

**Incze:1987:ALT**

- [1954] Lewis S. Incze, David A. Armstrong, and Sharon L. Smith. Abundance of larval Tanner crabs (*Chionoecetes* spp.) in relation to adult females and regional oceanography of the Southeastern Bering Sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1143–1156, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-137>.

**Attard:1987:EDE**

- [1955] Jean Attard and Christiane Hudon. Embryonic development and energetic investment in egg production in relation to size of female lobster (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1157–1164, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-138>.

**Urban:1987:AIZ**

- [1956] Noel R. Urban, Steven J. Eisenreich, and Eville Gorham. Aluminum, iron, zinc, and lead in bog waters of Northeastern North America. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des*



*sciences halieutiques et aquatiques*, 44(6):1165–1172, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-139>.

**Starodub:1987:ICP**

- [1957] M. E. Starodub, P. T. S. Wong, C. I. Mayfield, and Y. K. Chau. Influence of complexation and pH on individual and combined heavy metal toxicity to a freshwater green alga. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1173–1180, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-140>.

**Hay:1987:FAD**

- [1958] D. E. Hay and A. R. Kronlund. Factors affecting the distribution, abundance, and measurement of Pacific herring (*Clupea harengus pallasii*) spawn. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1181–1194, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-141>.

**Lawton:1987:DAF**

- [1959] Peter Lawton. Diel activity and foraging behavior of juvenile American lobsters, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1195–1205, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-142>.

**Yamada:1987:RES**

- [1960] S. Behrens Yamada, T. J. Mulligan, and D. Fournier. Role of environment and stock on the elemental composition of sockeye salmon (*Oncorhynchus nerka*) vertebrae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1206–1212, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-143>.

**Kope:1987:SVP**

- [1961] Robert G. Kope. Separable virtual population analysis of Pacific salmon with application to marked Chinook salmon, *Oncorhynchus tshawytscha*, from California's Central Valley. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1213–1220, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-144>.

**Newsome:1987:EMC**

- [1962] G. E. (Buck) Newsome and S. K. Aalto. An egg-mass census method for tracking fluctuations in yellow perch (*Perca flavescens*) populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1221–1232, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-145>.

**Macdonald:1987:FHU**

- [1963] J. Stevenson Macdonald, I. K. Birtwell, and G. M. Kruzynski. Food and habitat utilization by juvenile salmonids in the Campbell River Estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1233–1246, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-146>.

**Perrin:1987:EEC**

- [1964] Chris J. Perrin, Max L. Bothwell, and Pat A. Slaney. Experimental enrichment of a coastal stream in British Columbia: Effects of organic and inorganic additions on autotrophic periphyton production. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1247–1256, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-147>.

**Wong:1987:BMT**

- [1965] P. T. S. Wong, Y. K. Chau, J. L. Yaromich, and O. Kramar. Bioaccumulation and metabolism of tri- and dialkyllead compounds by a freshwater alga. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(6):1257–1260, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-148>.

**Jefferts:1987:AAS**

- [1966] Katharine Jefferts, Janusz Burczynski, and William G. Percy. Acoustical assessment of squid (*Loligo opalescens*) off the Central Oregon Coast. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien*

*des sciences halieutiques et aquatiques*, 44(6):1261–1267, June 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-149>.

**Stegeman:1987:ICP**

- [1967] John J. Stegeman, Frances Y. Teng, and Elisabeth A. Snowberger. Induced cytochrome P450 in winter flounder (*Pseudopleuronectes americanus*) from coastal Massachusetts evaluated by catalytic assay and monoclonal antibody probes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1270–1277, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-150>.

**Morrison:1987:CSM**

- [1968] K. A. Morrison, N. Thérien, and B. Marcos. Comparison of six models for nutrient limitations on phytoplankton growth. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1278–1288, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-151>.

**Geraci:1987:TCA**

- [1969] J. R. Geraci, N. C. Palmer, and D. J. St. Aubin. Tumors in cetaceans: Analysis and new findings. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1289–1300, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-152>.

**Wilson:1987:MDA**

- [1970] Gary M. Wilson, W. Kelly Thomas, and Andrew T. Beckenbach. Mitochondrial DNA analysis of Pacific Northwest populations of *Oncorhynchus tshawytscha*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1301–1305, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-153>.

**Engstrom:1987:IVH**

- [1971] Daniel R. Engstrom. Influence of vegetation and hydrology on the humus budgets of Labrador lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44

(7):1306–1314, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-154>.

**El-Shaarawi:1987:FSR**

- [1972] A. H. El-Shaarawi. Frequency of sampling required for monitoring the Niagara River. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1315–1319, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-155>.

**Chadwick:1987:ICB**

- [1973] E. Michael P. Chadwick, Ross R. Claytor, Claude E. Léger, and Richard L. Saunders. Inverse correlation between ovarian development of Atlantic salmon (*Salmo salar*) smolts and sea age. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1320–1325, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-156>.

**Fortier:1987:PLE**

- [1974] Louis Fortier, William C. Leggett, and Serge Gosselin. Patterns of larval emergence and their potential impact on stock differentiation in beach spawning capelin (*Mallotus villosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1326–1336, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-157>.

**Trimbee:1987:ETP**

- [1975] Annette M. Trimbee and E. E. Prepas. Evaluation of total phosphorus as a predictor of the relative biomass of blue-green algae with emphasis on Alberta lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1337–1342, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-158>.

**Birtwell:1987:LAS**

- [1976] I. K. Birtwell and G. M. Kruzynski. Laboratory apparatus for studying the behaviour of organisms in vertically stratified waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1343–1350, July 1987. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-159>.

**Fitzpatrick:1987:PTC**

- [1977] Martin S. Fitzpatrick, J. Michael Redding, Frank D. Ratti, and Carl B. Schreck. Plasma testosterone concentration predicts the ovulatory response of Coho salmon (*Oncorhynchus kisutch*) to gonadotropin-releasing hormone analog. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1351–1357, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-160>.

**Kulakkattolickal:1987:ESA**

- [1978] Augusthy Thevasia Kulakkattolickal and Donald L. Kramer. Effect of surface access and oxygen concentration on the toxicity of *Croton tiglium* (Euphorbiaceae) seed extract to *Brachydanio rerio* (Cyprinidae). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1358–1361, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-161>.

**Tremblay:1987:IPS**

- [1979] M. J. Tremblay, L. D. Meade, and G. V. Hurley. Identification of planktonic sea scallop larvae (*Placopecten magellanicus*) (Gmelin). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1361–1366, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-162>.

**Hilborn:1987:GMS**

- [1980] Ray Hilborn and Carl J. Walters. A general model for simulation of stock and fleet dynamics in spatially heterogeneous fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1366–1369, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-163>.

**Getz:1987:MVM**

- [1981] Wayne M. Getz, Robert C. Francis, and Gordon L. Swartzman. On managing variable marine fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1370–1375, July 1987. CODEN CJFSDX. ISSN 0706-

652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-164>.

**Welch:1987:ITL**

- [1982] David W. Welch. Influence of three life history strategies on the information content of stock–recruitment data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1375–1379, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-165>.

**McGladdery:1987:PES**

- [1983] Sharon E. McGladdery. Potential of *Eimeria sardinae* (Apicomplexa: Eimeridae) oocysts for distinguishing between spawning groups and between first- and repeat-spawning Atlantic herring (*Clupea harengus harengus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(7):1379–1385, July 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-166>.

**Grant:1987:EBU**

- [1984] James W. A. Grant and David L. G. Noakes. Escape behaviour and use of cover by young-of-the-year brook trout, *Salvelinus fontinalis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1390–1396, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-167>.

**Bilby:1987:EPH**

- [1985] Robert E. Bilby and Peter A. Bisson. Emigration and production of hatchery Coho salmon (*Oncorhynchus kisutch*) stocked in streams draining an old-growth and a clear-cut watershed. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1397–1407, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-168>.

**Guildford:1987:DPP**

- [1986] S. J. Guildford, F. P. Healey, and R. E. Hecky. Depression of primary production by humic matter and suspended sediment in limnocorral experiments at Southern Indian Lake, Northern Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1408–1417, August 1987. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-169>.

**Gunn:1987:LEP**

- [1987] John M. Gunn and David L. G. Noakes. Latent effects of pulse exposure to aluminum and low pH on size, ionic composition, and feeding efficiency of lake trout (*Salvelinus namaycush*) alevins. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1418–1424, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-170>.

**Kelly:1987:CAM**

- [1988] R. K. Kelly, J. F. Klaverkamp, R. V. Hunt, and O. Nielsen. Chemical analysis of muscle from walleye (*Stizostedion vitreum vitreum*) with myofibrogranuloma, a chronic myopathy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1425–1431, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-171>.

**Reckhow:1987:EMF**

- [1989] Kenneth H. Reckhow, Robert W. Black, Thomas B. Stockton, Jr., J. David Vogt, and Judith G. Wood. Empirical models of fish response to lake acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1432–1442, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-172>.

**Chou:1987:EDC**

- [1990] C. L. Chou, J. F. Uthe, J. D. Castell, and J. C. Keanz. Effect of dietary cadmium on growth, survival, and tissue concentrations of cadmium, zinc, copper, and silver in juvenile American lobster (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1443–1450, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-173>.

**Welch:1987:ESI**

- [1991] Harold E. Welch, John A. Legault, and Martin A. Bergmann. Effects of snow and ice on the annual cycles of heat and light in Saqvaquac Lakes.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1451–1461, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-174>.

**McCormick:1987:PCP**

- [1992] Stephen D. McCormick, Richard L. Saunders, Eugene B. Henderson, and Paul R. Harmon. Photoperiod control of parr–smolt transformation in Atlantic salmon (*Salmo salar*): Changes in salinity tolerance, gill Na<sup>+</sup>, K<sup>+</sup>-ATPase activity, and plasma thyroid hormones. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1462–1468, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-175>.

**Stites:1987:PPD**

- [1993] David L. Stites. Population and production dynamics of an enchytraeid worm in a subtropical blackwater river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1469–1474, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-176>.

**Lacroix:1987:RJA**

- [1994] Gilles L. Lacroix and Donald R. Townsend. Responses of juvenile Atlantic salmon (*Salmo salar*) to episodic increases in acidity of Nova Scotia rivers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1475–1484, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-177>.

**Tanasichuk:1987:IIV**

- [1995] R. W. Tanasichuk and D. M. Ware. Influence of interannual variations in winter sea temperature on fecundity and egg size in Pacific herring (*Clupea harengus pallasii*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1485–1495, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-178>.

**Hay:1987:ODO**

- [1996] D. E. Hay, D. N. Outram, B. A. McKeown, and M. Hurlburt. Ovarian development and oocyte diameter as maturation criteria in Pacific herring



(*Clupea harengus pallasii*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1496–1502, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-179>.

**Yamada:1987:MNS**

- [1997] S. Behrens Yamada and T. J. Mulligan. Marking nonfeeding salmonid fry with dissolved strontium. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1502–1506, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-180>.

**Bevan:1987:LDE**

- [1998] David J. Bevan and Donald L. Kramer. Lack of a depth effect on the growth of the air-breathing catfish, *Clarias macrocephalus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1507–1510, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-181>.

**France:1987:ALA**

- [1999] R. L. France. Aggregation in littoral amphipod populations: Transformation controversies revisited. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(8):1510–1515, August 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-182>.

**Doyle:1987:SIL**

- [2000] Roger W. Doyle, A. J. Talbot, and R. R. Nicholas. Statistical interrelation of length, growth, and scale circulus spacing: Appraisal of a growth rate estimator for fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1520–1528, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-183>.

**Confer:1987:ISI**

- [2001] John L. Confer and Marianne V. Moore. Interpreting selectivity indices calculated from field data or conditions of prey replacement. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1529–1533, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-184>.

**DeLafontaine:1987:ECS**

- [2002] Yves De Lafontaine and William C. Leggett. Effect of container size on estimates of mortality and predation rates in experiments with macrozooplankton and larval fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1534–1543, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-185>.

**Thomas:1987:AMF**

- [2003] G. L. Thomas and Darrell R. Jackson. Acoustic measurement of fish schools using array phase information. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1544–1550, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-186>.

**Collie:1987:ARM**

- [2004] Jeremy S. Collie and Carl J. Walters. Alternative recruitment models of Adams River sockeye salmon, *Oncorhynchus nerka*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1551–1561, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-187>.

**Noltie:1987:IES**

- [2005] Douglas B. Noltie. Incidence and effects of sea lamprey (*Petromyzon marinus*) parasitism on breeding pink salmon (*Oncorhynchus gorbuscha*) from the Carp River, Eastern Lake Superior. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1562–1567, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-188>.

**Drinkwater:1987:TPM**

- [2006] K. F. Drinkwater and R. A. Myers. Testing predictions of marine fish and shellfish landings from environmental variables. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 44(9):1568–1573, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-189>.

**Klump:1987:DTS**

- [2007] J. Val Klump, John R. Krezoski, Michael E. Smith, and Jerry L. Kaster. Dual tracer studies of the assimilation of an organic contaminant from sediments by deposit feeding oligochaetes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1574–1583, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-190>.

**Gibson:1987:CMP**

- [2008] Katherine N. Gibson, John P. Smol, and Jesse Ford. Chrysophycean microfossils provide new insight into the recent history of a naturally acidic lake (Cone Pond, New Hampshire). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1584–1588, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-191>.

**Mallet:1987:MVN**

- [2009] A. L. Mallet, C. E. A. Carver, S. S. Coffen, and K. R. Freeman. Mortality variations in natural populations of the blue mussel, *Mytilus edulis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1589–1594, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-192>.

**Galloway:1987:PCL**

- [2010] James N. Galloway, George R. Hendrey, Carl L. Schofield, Norman E. Peters, and Arland H. Johannes. Processes and causes of lake acidification during spring snowmelt in the West-Central Adirondack Mountains, New York. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1595–1602, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-193>.

**Reeves:1987:IBR**

- [2011] Gordon H. Reeves, Fred H. Everest, and James D. Hall. Interactions between the reidside shiner (*Richardsonius balteatus*) and the steelhead

trout (*Salmo gairdneri*) in Western Oregon: The influence of water temperature. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1603–1613, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-194>.

**Houlihan:1987:EET**

- [2012] D. F. Houlihan and P. Laurent. Effects of exercise training on the performance, growth, and protein turnover of rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1614–1621, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-195>.

**Clark:1987:IVH**

- [2013] Karen L. Clark and Bruce D. LaZerte. Intraspecific variation in hydrogen ion and aluminum toxicity in *Bufo americanus* and *Ambystoma maculatum*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1622–1628, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-196>.

**Fischer:1987:PIC**

- [2014] Robert U. Fischer, Jr., Edward A. Standora, and James R. Spotila. Predator-induced changes in thermoregulation of bluegill, *Lepomis macrochirus*, from a thermally altered reservoir. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1629–1634, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-197>.

**Peterson:1987:PIA**

- [2015] R. H. Peterson and D. J. Martin-Robichaud. Permeability of the isolated Atlantic salmon (*Salmo salar*) chorion to ions as estimated by diffusion potentials. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1635–1639, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-198>.

**Steinman:1987:EIC**

- [2016] Alan D. Steinman and C. David McIntire. Effects of irradiance on the community structure and biomass of algal assemblages in laboratory streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1640–1648, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-199>.

**VanderWerf:1987:DTL**

- [2017] B. Van der Werf, J. Schrottenboer, A. F. Richter, J. R. Moed, H. L. Hoogveld, and H. De Haan. A durable and transportable limnetic enclosure system suitable for wind-exposed lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1649–1652, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-200>.

**Hall:1987:EAE**

- [2018] Ronald J. Hall and Fredric P. Ide. Evidence of acidification effects on stream insect communities in Central Ontario between 1937 and 1985. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1652–1657, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-201>.

**Baker:1987:DIV**

- [2019] Robert L. Baker and Blair W. Feltmate. Development of *Ischnura verticalis* (Coenagrionidae: Odonata): Effects of temperature and prey abundance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1658–1661, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-202>.

**Geraci:1987:SPW**

- [2020] J. R. Geraci and L. J. Bruce-Allen. Slow process of wound repair in beluga whales, *Delphinapterus leucas*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1661–1665, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-203>.

**Chambers:1987:NOS**

- [2021] Patricia A. Chambers. Nearshore occurrence of submersed aquatic macrophytes in relation to wave action. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1666–1669, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-204>.

**Pontasch:1987:PRG**

- [2022] Kurt W. Pontasch and Meryn A. Brusven. Periphyton response to a gasoline spill in Wolf Lodge Creek, Idaho. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1669–1673, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-205>.

**Anonymous:1987:LCLd**

- [2023] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(9):1676–1680, September 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-206>.

**Wolff:1987:PDP**

- [2024] Matthias Wolff. Population dynamics of the Peruvian scallop *Argopecten purpuratus* during the El Niño phenomenon of 1983. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1684–1691, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-207>.

**MacIsaac:1987:APR**

- [2025] Hugh J. MacIsaac, Thomas C. Hutchinson, and W. Keller. Analysis of planktonic rotifer assemblages from Sudbury, Ontario, area lakes of varying chemical composition. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1692–1701, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-208>.

**Beacham:1987:BGS**

- [2026] T. D. Beacham, A. P. Gould, R. E. Withler, C. B. Murray, and L. W. Barner. Biochemical genetic survey and stock identification of chum

salmon (*Oncorhynchus keta*) in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1702–1713, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-209>.

**Day:1987:IFE**

- [2027] Kristin E. Day, N. K. Kaushik, and K. R. Solomon. Impact of fenvalerate on enclosed freshwater planktonic communities and on in situ rates of filtration of zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1714–1728, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-210>.

**Taggart:1987:CUO**

- [2028] Christopher T. Taggart and Kenneth T. Frank. Coastal upwelling and *Oikopleura* occurrence (“Slub”): a model and potential application to inshore fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1729–1736, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-211>.

**Rempel:1987:MEA**

- [2029] Robert S. Rempel and John C. H. Carter. Modelling the effects of accelerated development and reduced fecundity on the population dynamics of aquatic Diptera. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1737–1742, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-212>.

**Rempel:1987:TIA**

- [2030] Robert S. Rempel and John C. H. Carter. Temperature influences on adult size, development, and reproductive potential of aquatic Diptera. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1743–1752, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-213>.

**Shin:1987:PRP**

- [2031] C. N. Shin, G-Y. Rhee, and J. Chen. Phosphate requirement, photosynthesis, and diel cell cycle of *Scenedesmus obliquus* under fluctuating light.

*Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1753–1758, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-214>.

**Duarte:1987:LID**

- [2032] Carlos M. Duarte and Jacob Kalff. Latitudinal influences on the depths of maximum colonization and maximum biomass of submerged angiosperms in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1759–1764, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-215>.

**Zatta:1987:CTI**

- [2033] Paolo Zatta. Calcium and taurine interaction in the heart of the crab *Carcinus maenas*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1765–1768, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-216>.

**Suttle:1987:ENP**

- [2034] C. A. Suttle, J. G. Stockner, and P. J. Harrison. Effects of nutrient pulses on community structure and cell size of a freshwater phytoplankton assemblage in culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1768–1774, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-217>.

**Skaala:1987:FSB**

- [2035] Øystein Skaala and Knut E. Jørstad. Fine-spotted brown trout (*Salmo trutta*): Its phenotypic description and biochemical genetic variation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1775–1780, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-218>.

**Beamish:1987:EPN**

- [2036] Richard J. Beamish. Evidence that parasitic and nonparasitic life history types are produced by one population of lamprey. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*



*halieutiques et aquatiques*, 44(10):1779–1782, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-219>.

**Buerkle:1987:EFL**

- [2037] U. Buerkle. Estimation of fish length from acoustic target strengths. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1782–1785, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-220>.

**Arts:1987:PMM**

- [2038] Michael T. Arts and D. O. Evans. Precision micrometer measurement of mouth gape of larval fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1786–1791, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-221>.

**Thorne:1987:NVM**

- [2039] Richard E. Thorne and James J. Ames. A note on variability of marine survival of sockeye salmon (*Oncorhynchus nerka*) and effects of flooding on spawning success. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1791–1795, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-222>.

**Hilborn:1987:RIC**

- [2040] Ray Hilborn and Wilf Luedke. Rationalizing the irrational: a case study in user group participation in Pacific salmon management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1796–1805, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-223>.

**Anonymous:1987:LCLe**

- [2041] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(10):1806–1809, October 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-224>.

**Stottlemeyer:1987:SIA**

- [2042] Robert Stottlemeyer. Snowpack ion accumulation and loss in a basin draining to Lake Superior. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1812–1819, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-225>.

**Lavin:1987:MDO**

- [2043] Patrick A. Lavin and J. D. McPhail. Morphological divergence and the organization of trophic characters among lacustrine populations of the threespine stickleback (*Gasterosteus aculeatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1820–1829, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-226>.

**Marnell:1987:GIC**

- [2044] Leo F. Marnell, Behnke Robert J., and Fred W. Allendorf. Genetic identification of cutthroat trout, *Salmo clarki*, in Glacier National Park, Montana. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1830–1839, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-227>.

**Post:1987:SSM**

- [2045] John R. Post and Andrew B. Prankevicius. Size-selective mortality in young-of-the-year yellow perch (*Perca flavescens*): Evidence from otolith microstructure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1840–1847, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-228>.

**Anders:1987:FIG**

- [2046] K. Anders and H. Möller. Food-induced granulomatosis in European smelt, *Osmerus eperlanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1848–1854, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-229>.

**Hudon:1987:EGP**

- [2047] Christiane Hudon. Ecology and growth of postlarval and juvenile lobster, *Homarus americanus*, off Îles de la Madeleine (Quebec). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1855–1869, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-230>.

**Peterman:1987:SME**

- [2048] Randall M. Peterman, Michael J. Bradford, and Gordon H. Kruse. Simulation model of English sole (*Parophrys vetulus*) population dynamics in Washington and Oregon coastal waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1870–1878, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-231>.

**Peterman:1987:SPT**

- [2049] Randall M. Peterman and Michael J. Bradford. Statistical power of trends in fish abundance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1879–1889, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-232>.

**Cabilio:1987:FCL**

- [2050] Paul Cabilio, David L. DeWolfe, and Graham R. Daborn. Fish catches and long-term tidal cycles in Northwest Atlantic fisheries: a nonlinear regression approach. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1890–1897, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-233>.

**Vanderploeg:1987:CCP**

- [2051] Henry A. Vanderploeg, Brian J. Eadie, James R. Liebig, Stephen J. Tarpachak, and Rebecca M. Glover. Contribution of calcite to the particle-size spectrum of Lake Michigan seston and its interactions with the plankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1898–1914, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-234>.

**Dickie:1987:CAR**

- [2052] L. M. Dickie and P. R. Boudreau. Comparison of acoustic reflections from spherical objects and fish using a dual-beam echosounder. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1915–1921, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-235>.

**Campana:1987:OML**

- [2053] Steven E. Campana, Jacques A. Gagné, and Jean Munro. Otolith microstructure of larval herring (*Clupea harengus*): Image or reality? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1922–1929, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-236>.

**VanDerKraak:1987:EMS**

- [2054] G. Van Der Kraak, E. M. Donaldson, H. M. Dye, G. A. Hunter, J. E. Rivier, and W. W. Vale. Effects of mammalian and salmon gonadotropin-releasing hormones and analogues on plasma gonadotropin levels and ovulation in Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1930–1935, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-237>.

**Chambers:1987:SAM**

- [2055] R. Christopher Chambers and William C. Leggett. Size and age at metamorphosis in marine fishes: an analysis of laboratory-reared winter flounder (*Pseudopleuronectes americanus*) with a review of variation in other species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1936–1947, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-238>.

**Hill:1987:ATS**

- [2056] A. R. Hill and J. Warwick. Ammonium transformations in springwater within the riparian zone of a small woodland stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1948–1956, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-239>.

**Fleming:1987:ETF**

- [2057] Ian A. Fleming and Susan Ng. Evaluation of techniques for fixing, preserving, and measuring salmon eggs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1957–1962, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-240>.

**Quinn:1987:HWS**

- [2058] T. P. Quinn, C. C. Wood, L. Margolis, B. E. Riddell, and K. D. Hyatt. Homing in wild sockeye salmon (*Oncorhynchus nerka*) populations as inferred from differences in parasite prevalence and allozyme allele frequencies. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1963–1971, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-241>.

**Dwyer:1987:FHD**

- [2059] Deborah A. Dwyer, Kevin M. Bailey, and Patricia A. Livingston. Feeding habits and daily ration of walleye pollock (*Theragra chalcogramma*) in the Eastern Bering Sea, with special reference to cannibalism. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1972–1984, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-242>.

**Machado:1987:HPE**

- [2060] J. P. Machado, D. L. Garling, Jr., N. R. Kevern, A. L. Trapp, and T. G. Bell. Histopathology and the pathogenesis of embolism (gas bubble disease) in rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1985–1994, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-243>.

**Bowen:1987:DPR**

- [2061] Stephen H. Bowen. Dietary protein requirements of fishes — a reassessment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):1995–2001, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-244>.

**Mohn:1987:SCB**

- [2062] R. K. Mohn and R. W. Elner. A simulation of the Cape Breton snow crab, *Chionoecetes opilio*, fishery for testing the robustness of the Leslie method. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2002–2008, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-245>.

**Runge:1987:MEP**

- [2063] Jeffrey A. Runge. Measurement of egg production rate of *Calanus finmarchicus* from preserved samples. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2009–2012, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-246>.

**Pepin:1987:PLF**

- [2064] P. Pepin, S. Pearre, Jr., and J. A. Koslow. Predation on larval fish by Atlantic mackerel *Scomber scombrus*, with a comparison of predation by zooplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2012–2018, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-247>.

**Bowman:1987:TSF**

- [2065] G. T. Bowman, B. A. Schuknecht, J. E. Wilken, and W. C. Sonzogni. A time-saving filtration system for nutrient analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2018–2021, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-248>.

**Nash:1987:SVG**

- [2066] Richard D. M. Nash, John J. Magnuson, Clarence S. Clay, and Timothy K. Stanton. A synoptic view of the Gulf Stream front with 70-kHz sonar: Taking advantage of a closer look. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2022–2024, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-249>.

**Cattaneo:1987:SDP**

- [2067] Antonella Cattaneo. Size distribution in periphyton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2025–2028, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-250>.

**Confer:1987:IPT**

- [2068] John L. Confer and Gary J. Lake. Influence of prey type on growth of young yellow perch (*Perca flavescens*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2028–2033, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-251>.

**Getchell:1987:EVN**

- [2069] R. G. Getchell. Effects of V-notching on the lobster, *Homarus americanus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(11):2033–2037, November 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-252>.

**Lean:1987:OSN**

- [2070] D. R. S. Lean. Overview of studies on the nutrient status of Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2042–2046, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-253>.

**Simons:1987:SCU**

- [2071] T. J. Simons and W. M. Schertzer. Stratification, currents, and upwelling in Lake Ontario, summer 1982. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2047–2058, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-254>.

**Stevens:1987:RLO**

- [2072] R. J. J. Stevens and M. A. Neilson. Response of Lake Ontario to reductions in phosphorus load, 1967–82. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2059–2068, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-255>.

**Lean:1987:PDL**

- [2073] D. R. S. Lean, A. A. Abbott, and F. R. Pick. Phosphorus deficiency of Lake Ontario plankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2069–2076, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-256>.

**Lean:1987:SPK**

- [2074] D. R. S. Lean and R. L. Cuhel. Subcellular phosphorus kinetics for Lake Ontario plankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2077–2086, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-257>.

**Pick:1987:IAP**

- [2075] F. R. Pick. Interpretations of alkaline phosphatase activity in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2087–2094, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-258>.

**Pick:1987:CPC**

- [2076] F. R. Pick. Carbohydrate and protein content of Lake Seston in relation to plankton nutrient deficiency. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2095–2101, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-259>.

**Cuhel:1987:PSL**

- [2077] Russell L. Cuhel and David R. S. Lean. Protein synthesis by lake plankton measured using in situ carbon dioxide and sulfate assimilation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2102–2117, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-260>.



**Cuhel:1987:ILI**

- [2078] Russell L. Cuhel and David R. S. Lean. Influence of light intensity, light quality, temperature, and daylength on uptake and assimilation of carbon dioxide and sulfate by lake plankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2118–2132, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-261>.

**Lean:1987:NTL**

- [2079] D. R. S. Lean and R. Knowles. Nitrogen transformations in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2133–2143, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-262>.

**Putt:1987:PDE**

- [2080] M. Putt, G. P. Harris, and R. L. Cuhel. Photoinhibition of DCMU-enhanced fluorescence in Lake Ontario phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2144–2154, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-263>.

**Gray:1987:DBN**

- [2081] I. M. Gray. Differences between nearshore and offshore phytoplankton communities in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2155–2163, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-264>.

**Pick:1987:PNB**

- [2082] F. R. Pick and D. A. Caron. Picoplankton and nanoplankton biomass in Lake Ontario: Relative contribution of phototrophic and heterotrophic communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2164–2172, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-265>.

**Leppard:1987:CCP**

- [2083] Gary G. Leppard, Dina Urciuoli, and F. R. Pick. Characterization of cyanobacterial picoplankton in Lake Ontario by transmission electron microscopy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2173–2177, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-266>.

**Taylor:1987:ZSS**

- [2084] W. D. Taylor, H-J. Fricker, and D. R. S. Lean. Zooplankton seasonal succession in Lake Ontario at northshore, midlake, and southshore stations in 1982, and a comparison with 1970. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2178–2184, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-267>.

**Taylor:1987:SVD**

- [2085] William D. Taylor and Miriam L. Heynen. Seasonal and vertical distribution of ciliophora in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2185–2191, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-268>.

**Neilson:1987:SHN**

- [2086] M. A. Neilson and R. J. J. Stevens. Spatial heterogeneity of nutrients and organic matter in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2192–2203, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-269>.

**Manning:1987:PII**

- [2087] P. C. Manning. Phosphate ion interactions at the sediment–water interface in Lake Ontario: Relationship to sediment adsorption capacities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2204–2211, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f87-270>.

**Painter:1987:RCB**

- [2088] D. S. Painter and G. Kamaitis. Reduction of *Cladophora* biomass and tissue phosphorus in Lake Ontario, 1972–83. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2212–2215, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f87-271>.

**Zimmermann:1987:DTT**

- [2089] G. M. Zimmermann, D. R. S. Lean, and M. N. Charlton. Differential thermal and thermogravimetric analysis of sediment-forming materials from Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2216–2224, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f87-272>.

**Rodgers:1987:TOF**

- [2090] G. Keith Rodgers. Time of onset of full thermal stratification in Lake Ontario in relation to lake temperatures in winter. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2225–2229, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f87-273>.

**Lean:1987:LOL**

- [2091] D. R. S. Lean, H-J. Fricker, M. N. Charlton, R. L. Cuhel, and F. R. Pick. The Lake Ontario life support system. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 44(12):2230–2240, December 1987. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f87-274>.

**Fevolden:1988:GPS**

- [2092] Svein Erik Fevolden and Tore Haug. Genetic population structure of Atlantic halibut, *Hippoglossus hippoglossus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):2–7, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f88-001>.

**Peterman:1988:CEL**

- [2093] Randall M. Peterman, Michael J. Bradford, Nancy C. H. Lo, and Richard D. Methot, Jr. Contribution of early life stages to interannual variability in recruitment of northern anchovy (*Engraulis mordax*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):8–16, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-002>.

**Osenberg:1988:GPB**

- [2094] Craig W. Osenberg, Earl E. Werner, Gary G. Mittelbach, and Donald J. Hall. Growth patterns in bluegill (*Lepomis macrochirus*) and pumpkinseed (*L. gibbosus*) sunfish: Environmental variation and the importance of ontogenetic niche shifts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):17–26, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-003>.

**Naesje:1988:ISC**

- [2095] Tor F. Næsje and Bror Jonsson. Impacted stress: a causal agent of reduced whitefish (*Coregonus iavaretus*) egg incubation time. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):27–31, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-004>.

**Spry:1988:RCD**

- [2096] D. J. Spry, P. V. Hodson, and C. M. Wood. Relative contributions of dietary and waterborne zinc in the rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):32–41, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-005>.

**Clarke:1988:RRM**

- [2097] W. Craig Clarke and Richard J. Beamish. Response of recently metamorphosed anadromous parasitic lamprey (*Lampetra tridentata*) to confinement in fresh water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):42–47, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-006>.

**Frank:1988:IDF**

- [2098] Kenneth T. Frank. Independent distributions of fish larvae and their prey: Natural paradox or sampling artifact? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):48–59, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-007>.

**Saunders:1988:ECD**

- [2099] R. L. Saunders and E. B. Henderson. Effects of constant day length on sexual maturation and growth of Atlantic salmon (*Salmo salar*) parr. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):60–64, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-008>.

**Jansen:1988:EWA**

- [2100] Wolfgang A. Jansen and John H. Gee. Effects of water acidity on swimbladder function and swimming in the fathead minnow, *Pimephales promelas*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):65–77, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-009>.

**Seeb:1988:GVP**

- [2101] Lisa Wishard Seeb and Donald R. Gunderson. Genetic variation and population structure of Pacific Ocean perch (*Sebastes alutus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):78–88, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-010>.

**Hisden:1988:SFR**

- [2102] Mskael Hisdén. Significance of the functional response of predators to changes in prey abundance in multispecies virtual population analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):89–96, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-011>.

**Jackson:1988:MPR**

- [2103] Togwell A. Jackson. The mercury problem in recently formed reservoirs of Northern Manitoba (Canada): Effects of impoundment and other factors

on the production of methyl mercury by microorganisms in sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):97–121, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-012>.

**Berg:1988:GFG**

- [2104] W. J. Berg and G. A. E. Gall. Gene flow and genetic differentiation among California coastal rainbow trout populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):122–131, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-013>.

**Ankley:1988:EDP**

- [2105] Gerald T. Ankley and Vicki S. Blazer. Effects of diet on PCB-induced changes in xenobiotic metabolism in the liver of channel catfish (*Ictalurus punctatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):132–137, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-014>.

**Boisclair:1988:SEE**

- [2106] D. Boisclair and W. C. Leggett. An in situ experimental evaluation of the Elliott and Persson and the eggert models for estimating fish daily ration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):138–145, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-015>.

**Agellon:1988:PRG**

- [2107] L. B. Agellon, C. J. Emery, J. M. Jones, S. L. Davies, A. D. Dingle, and T. T. Chen. Promotion of rapid growth of rainbow trout (*Salmo gairdneri*) by a recombinant fish growth hormone. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):146–151, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-016>.

**Beamish:1988:RDB**

- [2108] R. J. Beamish and C. A. McFarlane. Resident and dispersal behavior of adult sablefish (*Anaplopoma fimbria*) in the slope waters off Canada's

West Coast. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):152–164, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-017>.

**Scavia:1988:DLM**

- [2109] Donald Scavia, Gregory A. Lang, and James F. Kitchell. Dynamics of Lake Michigan plankton: a model evaluation of nutrient loading, competition, and predation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):165–177, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-018>.

**Caputi:1988:FAT**

- [2110] N. Caputi. Factors affecting the time series bias in stock–recruitment relationships and the interaction between time series and measurement error bias. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):178–184, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-019>.

**Kope:1988:EIC**

- [2111] Robert G. Kope. Effects of initial conditions on Monte Carlo estimates of bias in estimating functional relationships. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):185–187, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-020>.

**Evans:1988:RSC**

- [2112] Barbara I. Evans and W. John O'Brien. A reevaluation of the search cycle of planktivorous Arctic graylings *Thymallus arcticus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):187–192, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-021>.

**Wallace:1988:IEA**

- [2113] Jeff C. Wallace and Tor G. Heggberget. Incubation of eggs of Atlantic salmon (*Salmo salar*) from different Norwegian streams at temperatures

below 1 °C. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(1):193–196, January 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-022>.

**Prairie:1988:DPD**

- [2114] Yves T. Prairie and Jacob Kalff. Dissolved phosphorus dynamics in headwater streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):200–209, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-023>.

**Prairie:1988:PPD**

- [2115] Yves T. Prairie and Jacob Kalff. Particulate phosphorus dynamics in headwater streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):210–215, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-024>.

**Duarte:1988:ILM**

- [2116] Carlos M. Duarte and Jacob Kalff. Influence of lake morphometry on the response of submerged macrophytes to sediment fertilization. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):216–221, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-025>.

**Niimi:1988:IMW**

- [2117] A. J. Niimi and B. G. Oliver. Influence of molecular weight and molecular volume on dietary absorption efficiency of chemicals by fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):222–227, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-026>.

**Evans:1988:CFB**

- [2118] R. Douglas Evans, Daniel Andrews, and R. Jack Cornell. Chemical fractionation and bioavailability of cobalt-60 to benthic deposit-feeders. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):228–236, February 1988.



CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-027>.

**Taylor:1988:AVR**

- [2119] Eric B. Taylor. Adaptive variation in rheotactic and agonistic behavior in newly emerged fry of Chinook salmon, *Oncorhynchus tshawytscha*, from ocean- and stream-type populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):237–243, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-028>.

**Reid:1988:ECC**

- [2120] S. D. Reid and D. G. McDonald. Effects of cadmium, copper, and low pH on ion fluxes in the rainbow trout, *Salmo gairdneri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):244–253, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-029>.

**Nalewajko:1988:EAP**

- [2121] C. Nalewajko and M. A. O'Mahony. Effects of acid pH shock on phosphate concentrations and microbial phosphate uptake in an acidifying and a circumneutral lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):254–260, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-030>.

**Bothwell:1988:GRR**

- [2122] Max L. Bothwell. Growth rate responses of lotic periphytic diatoms to experimental phosphorus enrichment: The influence of temperature and light. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):261–270, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-031>.

**Carrick:1988:RLM**

- [2123] Hunter J. Carrick and Rex L. Lowe. Response of Lake Michigan benthic algae to in situ enrichment with Si, N, and P. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):271–279, February 1988. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-032>.

**Jackson:1988:SDP**

- [2124] John K. Jackson and Vincent H. Resh. Sequential decision plans in monitoring benthic macroinvertebrates: Cost savings, classification accuracy, and development of plans. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):280–286, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-033>.

**Doe:1988:IPA**

- [2125] K. G. Doe, W. R. Ernst, W. R. Parker, G. R. J. Julien, and P. A. Hennigar. Influence of pH on the acute lethality of fenitrothion, 2,4-D, and aminocarb and some pH-altered sublethal effects of aminocarb on rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):287–293, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-034>.

**Brenner:1988:RBC**

- [2126] Mark Brenner and Michael W. Binford. Relationships between concentrations of sedimentary variables and trophic state in Florida lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):294–300, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-035>.

**Christie:1988:MOT**

- [2127] Gavin C. Christie and Henry A. Regier. Measures of optimal thermal habitat and their relationship to yields for four commercial fish species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):301–314, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-036>.

**Morin:1988:AMS**

- [2128] Antoine Morin, Michel Constantin, and Robert Henry Peters. Allometric models of simuliid growth rates and their use for estimation of production. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):315–324, February

1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-037>.

**Alberts:1988:DCD**

- [2129] James J. Alberts, John W. Bowling, and Mark Emmons. Dissolved carbohydrate distribution and dynamics in two Southeastern United States reservoirs. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):325–332, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-038>.

**Welch:1988:MLM**

- [2130] D. W. Welch and R. P. Foucher. A maximum likelihood methodology for estimating length-at-maturity with application to Pacific cod (*Gadus macrocephalus*) population dynamics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):333–343, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-039>.

**Gibson:1988:ISR**

- [2131] R. J. Gibson and R. A. Myers. Influence of seasonal river discharge on survival of juvenile Atlantic salmon *Salmo salar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):344–348, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-040>.

**Levy:1988:PCN**

- [2132] E. M. Levy and K. Lee. Potential contribution of natural hydrocarbon seepage to benthic productivity and the fisheries of Atlantic Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):349–352, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-041>.

**Fletcher:1988:EAP**

- [2133] Garth L. Fletcher, Margaret A. Shears, Madonna J. King, Peter L. Davies, and Choy L. Hew. Evidence for antifreeze protein gene transfer in Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):352–357, February 1988. CODEN CJFSDX. ISSN 0706-

652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-042>.

**Knight:1988:BHU**

- [2134] Ivor T. Knight, D. Jay Grimes, and Rita R. Colwell. Bacterial hydrolysis of urea in the tissues of carcharhinid sharks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):357–360, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-043>.

**Northcote:1988:FSF**

- [2135] T. G. Northcote. Fish in the structure and function of freshwater ecosystems: a “Top-down” view. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):361–379, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-044>.

**Anonymous:1988:LCLa**

- [2136] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):380–382, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-045>.

**Anonymous:1988:CRPa**

- [2137] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(2):383, February 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-046>.

**Hay:1988:EIP**

- [2138] D. E. Hay, J. R. Brett, E. Bilinski, D. T. Smith, E. M. Donaldson, G. A. Hunter, and A. V. Solmie. Experimental impoundments of prespawning Pacific herring (*Clupea harengus pallasii*): Effects of feeding and density on maturation, growth, and proximate analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):388–398, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-047>.

**Hay:1988:MFP**

- [2139] D. E. Hay and J. R. Brett. Maturation and fecundity of Pacific herring (*Clupea harengus pallasii*): an experimental study with comparisons to natural populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):399–406, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-048>.

**Cornett:1988:PRT**

- [2140] R. J. Cornett and L. Chant. Pu residence times in freshwaters and accumulation in Shield Lake sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):407–415, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-049>.

**Harding:1988:DHA**

- [2141] Gareth C. Harding and Ronald W. Trites. Dispersal of *Homarus americanus* larvae in the Gulf of Maine from Browns Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):416–425, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-050>.

**Jakobsen:1988:EPR**

- [2142] Per Johan Jakobsen, Geir Helge Johnsen, and Petter Larsson. Effects of predation risk and parasitism on the feeding ecology, habitat use, and abundance of lacustrine threespine stickleback (*Gasterosteus aculeatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):426–431, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-051>.

**Mulligan:1988:USC**

- [2143] T. J. Mulligan, S. McKinnell, and C. C. Wood. Uncertainty in stock composition estimates of oceanic steelhead trout using electrophoretic characteristics: Comments on a recent study. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):432–442, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-052>.

**Cunjak:1988:PCO**

- [2144] Richard A. Cunjak. Physiological consequences of overwintering in streams: The cost of acclimitization? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):443–452, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-053>.

**Nurnberg:1988:PPR**

- [2145] Gertrud K. Nürnberg. Prediction of phosphorus release rates from total and reductant-soluble phosphorus in anoxic lake sediments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):453–462, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-054>.

**Dempson:1988:IVE**

- [2146] J. B. Dempson, E. Verspoor, and J. Hammar. Intrapopulation variation of the esterase-2 polymorphism in the serum of anadromous Arctic charr, *Salvelinus alpinus*, from a Northern Labrador river. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):463–468, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-055>.

**Earle:1988:FAS**

- [2147] J. C. Earle, H. C. Duthie, W. A. Glooschenko, and P. B. Hamilton. Factors affecting the spatial distribution of diatoms on the surface sediments of three Precambrian Shield lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):469–478, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-056>.

**Doyon:1988:VCN**

- [2148] Jean-François Doyon, John A. Downing, and Etienne Magnin. Variation in the condition of northern pike, *Esox lucius*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):479–483, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-057>.

**Stobo:1988:MAH**

- [2149] Wayne T. Stobo, John D. Neilson, and Patricia G. Simpson. Movements of Atlantic halibut (*Hippoglossus hippoglossus*) in the Canadian North Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):484–491, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-058>.

**Steedman:1988:MAI**

- [2150] Robert J. Steedman. Modification and assessment of an index of biotic integrity to quantify stream quality in Southern Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):492–501, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-059>.

**Holtby:1988:ELS**

- [2151] L. Blair Holtby. Effects of logging on stream temperatures in Carnation Creek, British Columbia, and associated impacts on the Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):502–515, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-060>.

**Winters:1988:MCS**

- [2152] G. H. Winters and E. L. Dalley. Meristic composition of sand lance (*Ammodytes* spp.) in Newfoundland waters with a review of species designations in the Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):516–529, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-061>.

**Walters:1988:EDE**

- [2153] Carl J. Walters, Jeremy S. Collie, and Timothy Webb. Experimental designs for estimating transient responses to management disturbances. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):530–538, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-062>.

**Prager:1988:SVV**

- [2154] Michael H. Prager and Alec D. MacCall. Sensitivities and variances of virtual population analysis as applied to the mackerel, *Scomber japonicus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):539–547, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-063>.

**Beyer:1988:DTE**

- [2155] Jean M. Beyer, Gino Lucchetti, and Gerry Gray. Digestive tract evacuation in northern squawfish (*Ptychocheilus oregonensis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):548–553, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-064>.

**Armstrong:1988:BES**

- [2156] Michael J. Armstrong and Peter A. Shelton. Bias in estimation of stock-recruit function parameters caused by nonrandom environmental variability. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):554–557, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-065>.

**Smith:1988:CPE**

- [2157] Barry D. Smith. Comparison of productivity estimates for *Laminaria* in Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):557–562, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-066>.

**Welch:1988:SSC**

- [2158] Harold E. Welch, Martin A. Bergmann, John K. Jorgenson, and William Burton. A subice suction corer for sampling epontic ice algae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):562–568, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-067>.

**Montevecchi:1988:MPA**

- [2159] W. A. Montevecchi, D. K. Cairns, and V. L. Birt. Migration of postsmolt Atlantic salmon, *Salmo salar*, off Northeastern Newfoundland, as in-



ferred by tag recoveries in a seabird colony. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):568–571, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-068>.

**Trimbee:1988:DLO**

- [2160] Annette M. Trimbee and E. E. Prepas. Dependence of lake oxygen depletion rates on maximum oxygen storage in a partially meromictic lake in Alberta. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(3):571–576, March 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-069>.

**Bowering:1988:AMC**

- [2161] W. R. Bowering. An analysis of morphometric characters of Greenland halibut (*Reinhardtius hippoglossoides*) in the Northwest Atlantic using a multivariate analysis of covariance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):580–585, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-070>.

**Bailey:1988:ESC**

- [2162] R. E. Bailey, L. Margolis, and C. Groot. Estimating stock composition of migrating juvenile Fraser River (British Columbia) sockeye salmon, *Oncorhynchus nerka*, using parasites as natural tags. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):586–591, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-071>.

**Magnhagen:1988:PRF**

- [2163] Carin Magnhagen. Predation risk and foraging in juvenile pink (*Oncorhynchus gorboscha*) and chum salmon (*O. keta*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):592–596, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-072>.

**Rose:1988:HSC**

- [2164] G. A. Rose and W. C. Leggett. Hydroacoustic signal classification of fish schools by species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45

(4):597–604, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-073>.

**MacLennan:1988:PAF**

- [2165] D. N. MacLennan and I. G. MacKenzie. Precision of acoustic fish stock estimates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):605–616, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-074>.

**Johnson:1988:PAP**

- [2166] M. G. Johnson. Production by the amphipod *Pontoporeia hoyi* in South Bay, Lake Huron. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):617–624, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-075>.

**deMarch:1988:ATB**

- [2167] B. G. E. de March. Acute toxicity of binary mixtures of five cations ( $\text{Cu}^{2+}$ ,  $\text{Cd}^{2+}$ ,  $\text{Zn}^{2+}$ ,  $\text{Mg}^{2+}$ , and  $\text{K}^+$ ) to the freshwater amphipod *Gammarus lacustris* (Sars): Alternative descriptive models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):625–633, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-076>.

**Ramamoorthy:1988:EPS**

- [2168] S. Ramamoorthy. Effect of pH on speciation and toxicity of aluminum to rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):634–642, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-077>.

**Billington:1988:MDV**

- [2169] Neil Billington and Paul D. N. Hebert. Mitochondrial DNA variation in Great Lakes walleye (*Stizostedion vitreum*) populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):643–654, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-078>.

**Gurtz:1988:HRI**

- [2170] Martin E. Gurtz, G. Richard Marzolf, Keith T. Killingbeck, David L. Smith, and J. Vaun McArthur. Hydrologic and riparian influences on the import and storage of coarse particulate organic matter in a prairie stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):655–665, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-079>.

**Krise:1988:ELL**

- [2171] William F. Krise and James W. Meade. Effects of low-level gas supersaturation on lake trout (*Salvelinus namaycush*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):666–674, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-080>.

**Majkowski:1988:TRR**

- [2172] Jacek Majkowski, William S. Hearn, and Ronald L. Sandland. A tag-release/recovery method for predicting the effect of changing the catch of one component of a fishery upon the remaining components. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):675–684, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-081>.

**Vinyard:1988:ESP**

- [2173] Gary L. Vinyard, Ray W. Drenner, Moshe Gophen, Utsa Pollinger, Dana L. Winkelman, and K. David Hambright. An experimental study of the plankton community impacts of two omnivorous filter-feeding cichlids, *Tilapia gabilaea* and *Tilapia aurea*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):685–690, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-082>.

**Deutschman:1988:SPT**

- [2174] Mark R. Deutschman and John J. Peterka. Secondary production of tiger salamanders (*Ambystoma tigrinum*) in three North Dakota prairie lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):691–697, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-083>.

**Bigler:1988:FSD**

- [2175] Brian Bigler. Focal scale damage among chum salmon (*Oncorhynchus keta*) of Hokkaido, Japan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):698–704, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-084>.

**Morin:1988:EBF**

- [2176] Antoine Morin, Christian Back, Alain Chalifour, Jacques Boisvert, and Robert H. Peters. Effect of black fly ingestion and assimilation on seston transport in a Quebec lake outlet. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):705–714, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-085>.

**Stenson:1988:APC**

- [2177] G. B. Stenson and R. A. Myers. Accuracy of pup classifications and its effect on population estimates in the hooded seal (*Cystophora cristata*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):715–719, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-086>.

**Groeger:1988:PCM**

- [2178] Alan W. Groeger and Bruce L. Kimmel. Photosynthetic carbon metabolism by phytoplankton in a nitrogen-limited reservoir. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):720–730, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-087>.

**Welch:1988:ECD**

- [2179] Harold E. Welch, John K. Jorgenson, and Martin F. Curtis. Emergence of Chironomidae (Diptera) in fertilized and natural lakes at Saqvaqujac, N.W.T. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):731–737, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-088>.

**Welch:1988:MAE**

- [2180] Harold E. Welch, John K. Jorgenson, and Martin F. Curtis. Measuring abundance of emerging Chironomidae (Diptera): Experiments on trap size and design, set duration, and transparency. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):738–741, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-089>.

**Ringler:1988:VDS**

- [2181] Neil H. Ringler and James D. Hall. Vertical distribution of sediment and organic debris in Coho salmon (*Oncorhynchus kisutch*) redds in three small Oregon streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):742–747, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-090>.

**Barrett:1988:SEI**

- [2182] Bruce A. Barrett and Brian A. McKeown. Sustained exercise increases plasma growth hormone concentrations in two anadromous salmonids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):747–749, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-091>.

**Jones:1988:BAA**

- [2183] Keith A. Jones and Toshiaki J. Hara. Behavioral alterations in Arctic char (*Salvelinus alpinus*) briefly exposed to sublethal chlorine levels. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(4):749–752, April 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-092>.

**Chopin:1988:RCD**

- [2184] T. Chopin, J. D. Pringle, and R. E. Semple. Reproductive capacity of dragraked and non-dragraked Irish moss (*Chondrus crispus* Stackhouse) beds in the Southern Gulf of St. Lawrence. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):758–766, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-093>.

**Pringle:1988:IHI**

- [2185] J. D. Pringle and R. E. Semple. Impact of harvesting on Irish moss (*Chondrus crispus* Stackhouse) frond size-class structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):767–773, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-094>.

**Heise:1988:PHL**

- [2186] Brian A. Heise, John F. Flannagan, and Terry D. Galloway. Production of *Hexagenia limbata* (Serville) and *Ephemera simulans* Walker (Ephemeroptera) in Dauphin Lake, Manitoba, with a note on weight loss due to preservatives. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):774–781, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-095>.

**Lane:1988:IDM**

- [2187] Daniel E. Lane. Investment decision making by fishermen. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):782–796, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-096>.

**Nelson:1988:FIE**

- [2188] K. Nelson, D. Hedgecock, and W. Borgeson. Factors influencing egg extrusion in the American lobster (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):797–804, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-097>.

**Nelson:1988:ERU**

- [2189] K. Nelson, D. Hedgecock, and W. Borgeson. Effects of reproduction upon molting and growth in female American lobsters (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):805–821, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-098>.

**Hardy:1988:HLV**

- [2190] John T. Hardy, James A. Coley, Liam D. Antrim, and Steven L. Kiesser. A hydrophobic large-volume sampler for collecting aquatic surface microlayers: Characterization and comparison with the glass plate method. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):822–826, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-099>.

**Peterson:1988:CPE**

- [2191] Mark S. Peterson. Comparative physiological ecology of centrarchids in hyposaline environments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):827–833, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-100>.

**Hankin:1988:ETF**

- [2192] David G. Hankin and Gordon H. Reeves. Estimating total fish abundance and total habitat area in small streams based on visual estimation methods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):834–844, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-101>.

**Heggberget:1988:TSN**

- [2193] Tor G. Heggberget. Timing of spawning in Norwegian Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):845–849, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-102>.

**Fried:1988:IFB**

- [2194] Stephen M. Fried and Ray Hilborn. Inseason forecasting of Bristol Bay, Alaska, sockeye salmon (*Oncorhynchus nerka*) abundance using Bayesian probability theory. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):850–855, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-103>.

**Kyle:1988:DDT**

- [2195] G. B. Kyle, J. P. Koenings, and B. M. Barrett. Density-dependent, trophic level responses to an introduced run of sockeye salmon (*Oncorhynchus nerka*) at Frazer Lake, Kodiak Island, Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):856–867, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-104>.

**Hudon:1988:PGL**

- [2196] Christiane Hudon and Pierre Fradette. Planktonic growth of larval lobster (*Homarus americanus*) off Îles de la Madeleine (Quebec), Gulf of St. Lawrence. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):868–878, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-105>.

**Pepin:1988:LSF**

- [2197] P. Pepin, J. A. Koslow, and S. Pearre, Jr. Laboratory study of foraging by Atlantic mackerel, *Scomber scombrus*, on natural zooplankton assemblages. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):879–887, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-106>.

**Hall:1988:AHS**

- [2198] D. L. Hall, R. Hilborn, M. Stocker, and C. J. Walters. Alternative harvest strategies for Pacific herring (*Clupea harengus pallasi*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):888–897, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-107>.

**Ulvund:1988:FAC**

- [2199] Kjell Arne Ulvund and Otto Grahl-Nielsen. Fatty acid composition in eggs of Atlantic cod (*Gadus morhua*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):898–901, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-108>.



**Kao:1988:JAC**

- [2200] Ming H. Kao and Garth L. Fletcher. Juvenile Atlantic cod (*Gadus morhua*) can be more freeze resistant than adults. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):902–905, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-109>.

**Fechhelm:1988:WAR**

- [2201] Robert G. Fechhelm and David B. Fissel. Wind-aided recruitment of Canadian Arctic cisco (*Coregonus autumnalis*) into Alaskan waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):906–910, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-110>.

**Prepas:1988:CSE**

- [2202] E. E. Prepas, M. E. Dunnigan, and A. M. Trimbee. Comparison of in situ estimates of chlorophyll *a* obtained with whatman GF/F and GF/C glass-fiber filters in mesotrophic to hypereutrophic lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):910–914, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-111>.

**Watson:1988:CPN**

- [2203] Susan Watson and Edward McCauley. Contrasting patterns of net- and nanoplankton production and biomass among lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):915–920, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-112>.

**Holzmann:1988:PFL**

- [2204] Tim Holzmann and Michael McCarthy. Potential fishery for lake sturgeon (*Acipenser fulvescens*) as indicated by the returns of the Hudson's Bay Company Lac la Pluie District. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(5):921–923, May 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-113>.

**Stocker:1988:EFP**

- [2205] M. Stocker and D. J. Noakes. Evaluating forecasting procedures for predicting Pacific herring (*Clupea harengus pallasii*) recruitment in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):928–935, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-114>.

**Francis:1988:GPE**

- [2206] R. I. C. C. Francis. Are growth parameters estimated from tagging and age-length data comparable? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):936–942, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-115>.

**Wieser:1988:GRG**

- [2207] W. Wieser, H. Forstner, F. Schiemer, and W. Mark. Growth rates and growth efficiencies in larvae and juveniles of *Rutilus rutilus* and other cyprinid species: Effects of temperature and food in the laboratory and in the field. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):943–950, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-116>.

**Houlihan:1988:GRP**

- [2208] D. F. Houlihan, S. J. Hall, C. Gray, and B. S. Noble. Growth rates and protein turnover in Atlantic cod, *Gadus morhua*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):951–964, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-117>.

**Nemec:1988:UBA**

- [2209] A. F. L. Nemec and R. O. Brinkhurst. Using the bootstrap to assess statistical significance in the cluster analysis of species abundance data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):965–970, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-118>.

**Nemec:1988:FMS**

- [2210] A. F. L. Nemec and R. O. Brinkhurst. The fowlkes–Mallows statistic and the comparison of two independently determined dendrograms. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):971–975, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-119>.

**Cyr:1988:ERP**

- [2211] H el ene Cyr and John A. Downing. Empirical relationships of phyto-macrofaunal abundance to plant biomass and macrophyte bed characteristics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):976–984, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-120>.

**Ryg:1988:TST**

- [2212] Morten Ryg, Thomas G. Smith, and Nils Are  ritsland. Thermal significance of the topographical distribution of blubber in ringed seals (*Phoca hispida*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):985–992, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-121>.

**Gregory:1988:RSM**

- [2213] R. S. Gregory and P. M. Powles. Relative selectivities of Miller high-speed samplers and light traps for collecting ichthyoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):993–998, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-122>.

**Magnan:1988:IBB**

- [2214] Pierre Magnan. Interactions between brook charr, *Salvelinus fontinalis*, and nonsalmonid species: Ecological shift, morphological shift, and their impact on zooplankton communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):999–1009, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-123>.

**Chambers:1988:USA**

- [2215] P. A. Chambers and E. E. Prepas. Underwater spectral attenuation and its effect on the maximum depth of angiosperm colonization. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1010–1017, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-124>.

**Ihssen:1988:BGD**

- [2216] P. E. Ihssen, J. M. Casselman, G. W. Martin, and R. B. Phillips. Biochemical genetic differentiation of lake trout (*Salvelinus namaycush*) stocks of the Great Lakes region. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1018–1029, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-125>.

**Conley:1988:SPF**

- [2217] Daniel J. Conley, Michael A. Quigley, and Claire L. Schelske. Silica and phosphorus flux from sediments: Importance of internal recycling in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1030–1035, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-126>.

**Fisher:1988:GJC**

- [2218] J. P. Fisher and W. G. Pearcy. Growth of juvenile Coho salmon (*Oncorhynchus kisutch*) off Oregon and Washington, USA, in years of differing coastal upwelling. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1036–1044, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-127>.

**Giles:1988:ACR**

- [2219] Michael A. Giles. Accumulation of cadmium by rainbow trout, *Salmo gairdneri*, during extended exposure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1045–1053, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-128>.

**Deriso:1988:DAS**

- [2220] Richard B. Deriso and Ana M. Parma. Dynamics of age and size for a stochastic population model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1054–1068, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-129>.

**Greene:1988:CSF**

- [2221] Charles H. Greene and Michael R. Landry. Carnivorous suspension feeding by the subarctic calanoid copepod *Neocalanus cristatus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1069–1074, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-130>.

**Hallerman:1988:DLP**

- [2222] Eric M. Hallerman and Jacques S. Beckmann. DNA-level polymorphism as a tool in fisheries science. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1075–1087, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-131>.

**Eckmann:1988:ECD**

- [2223] Reiner Eckmann, Ursula Gaedke, and Hans Johst Wetzlar. Effects of climatic and density-dependent factors on year-class strength of *Coregonus lavaretus* in Lake Constance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1088–1093, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-132>.

**Taylor:1988:CDP**

- [2224] W. D. Taylor, J. W. Barko, and W. F. James. Contrasting diel patterns of vertical migration in the dinoflagellate *Ceratium hirundinella* in relation to phosphorus supply in a North temperate reservoir. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1093–1098, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-133>.

**Cury:1988:PSN**

- [2225] Philippe Cury. Pressions sélectives et nouveautés évolutives : une hypothèse pour comprendre certains aspects des fluctuations à long terme des poissons pélagiques côtiers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(6):1099–1107, June 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-134>.

**Ward:1988:LHS**

- [2226] B. R. Ward and P. A. Slaney. Life history and smolt-to-adult survival of Keogh River steelhead trout (*Salmo gairdneri*) and the relationship to smolt size. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1110–1122, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-135>.

**Warwick:1988:MDC**

- [2227] W. F. Warwick and N. A. Tisdale. Morphological deformities in *Chironomus*, *Cryptochironomus*, and *Procladius* larvae (Diptera: Chironomidae) from two differentially stressed sites in Tobin Lake, Saskatchewan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1123–1144, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-136>.

**Fogarty:1988:TSM**

- [2228] Michael J. Fogarty. Time series models of the Maine lobster fishery: The effect of temperature. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1145–1153, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-137>.

**Andersson:1988:ELD**

- [2229] Paul Andersson and Hans Borg. Effects of liming on the distribution of cadmium in water, sediment, and organisms in a Swedish lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1154–1162, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-138>.

**Heggenes:1988:EEI**

- [2230] Jan Heggenes. Effect of experimentally increased intraspecific competition on sedentary adult brown trout (*Salmo trutta*) movement and stream habitat choice. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1163–1172, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-139>.

**deLafontaine:1988:PJL**

- [2231] Yves de Lafontaine and W. C. Leggett. Predation by jellyfish on larval fish: an experimental evaluation employing in situ enclosures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1173–1190, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-140>.

**Dunbrack:1988:FJC**

- [2232] Robert L. Dunbrack. Feeding of juvenile Coho salmon (*Oncorhynchus kisutch*): Maximum appetite, sustained feeding rate, appetite return, and body size. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1191–1196, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-141>.

**Tam:1988:GIG**

- [2233] W. H. Tam, J. N. Fryer, I. Ali, M. R. Dallaire, and B. Valentine. Growth inhibition, gluconeogenesis, and morphometric studies of the pituitary and interrenal cells of acid-stressed brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1197–1211, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-142>.

**Fryer:1988:PCC**

- [2234] J. N. Fryer, W. H. Tam, B. Valentine, and R. E. Tikkala. Pro-lactin cell cytology, plasma electrolytes, and whole-body sodium efflux in acid-stressed brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1212–1221, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-143>.

**Rose:1988:AOCa**

- [2235] G. A. Rose and W. C. Leggett. Atmosphere–ocean coupling in the Northern Gulf of St. Lawrence: Frequency-dependent wind-forced variations in nearshore sea temperatures and currents. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1222–1233, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-144>.

**Rose:1988:AOCb**

- [2236] G. A. Rose and W. C. Leggett. Atmosphere–ocean coupling and Atlantic cod migrations: Effect of wind-forced variations in sea temperatures and currents on nearshore distributions and catch rates of *Gadus morhua*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1234–1243, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-145>.

**Thorne:1988:EED**

- [2237] Richard E. Thorne. An empirical evaluation of the duration-in-beam technique for hydroacoustic estimation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1244–1248, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-146>.

**Crittenden:1988:WDB**

- [2238] R. N. Crittenden, G. L. Thomas, D. A. Marino, and R. E. Thorne. A weighted duration-in-beam estimator for the volume sampled by a quantitative echo sounder. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1249–1256, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-147>.

**Roesijadi:1988:IQM**

- [2239] G. Roesijadi, M. E. Unger, and J. E. Morris. Immunochemical quantification of metallothioneins of a marine mollusc. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1257–1263, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-148>.



**Whittier:1988:CBE**

- [2240] Thomas R. Whittier, Robert M. Hughes, and David P. Larsen. Correspondence between ecoregions and spatial patterns in stream ecosystems in Oregon. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1264–1278, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-149>.

**Swain:1988:ESV**

- [2241] D. P. Swain. Evidence of selection for vertebral number of fry in peamouth *Mylocheilus caurinus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1279–1290, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-150>.

**Schelske:1988:SRB**

- [2242] Claire L. Schelske, John A. Robbins, Wayne S. Gardner, Daniel J. Conley, and Richard A. Bourbonniere. Sediment record of biogeochemical responses to anthropogenic perturbations of nutrient cycles in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1291–1303, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-151>.

**Taugbol:1988:ESD**

- [2243] Trend Taugbøl, Jostein Skurdal, and Ragnvald Andersen. Ecological significance of differences in frequency of white fin margins among four brown trout (*Salmo trutta*) populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1304–1309, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-152>.

**Fisher:1988:EIA**

- [2244] William S. Fisher and Mark Tamplin. Environmental influence on activities and foreign-particle binding by hemocytes of American oysters, *Crassostrea virginica*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1309–1315, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-153>.

**Irvine:1988:PML**

- [2245] J. R. Irvine. Poststocking movements of large Coho salmon (*Oncorhynchus kisutch*) fingerlings introduced in February into a small coastal stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1316–1321, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-154>.

**Henderson:1988:RSS**

- [2246] M. A. Henderson and T. G. Northcote. Retinal structure of sympatric and allopatric populations of cutthroat trout (*Salmo clarki clarki*) and Dolly Varden char (*Salvelinus malma*) in relation to their spatial distribution. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(7):1321–1326, July 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-155>.

**Blouw:1988:TVM**

- [2247] D. M. Blouw, S. D. Saxon, and E. M. P. Chadwick. Temporal variation of meristic traits within an Atlantic salmon (*Salmo salar*) stock, and implications for stock identification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1330–1339, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-156>.

**Gunnerød:1988:OSR**

- [2248] T. B. Gunnerød, N. A. Hvidsten, and T. G. Heggberget. Open sea releases of Atlantic salmon smolts, *Salmo salar*, in Central Norway, 1973–83. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1340–1345, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-157>.

**Bocking:1988:PFS**

- [2249] Robert C. Bocking and Randall M. Peterman. Preseason forecasts of sockeye salmon (*Oncorhynchus nerka*): Comparison of methods and economic considerations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1346–1354, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-158>.

**Munkittrick:1988:GFE**

- [2250] K. R. Munkittrick and D. G. Dixon. Growth, fecundity, and energy stores of white sucker (*Catostomus commersoni*) from lakes containing elevated levels of copper and zinc. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1355–1365, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-159>.

**Macdonald:1988:FET**

- [2251] J. Stevenson Macdonald, Colin D. Levings, Carey D. McAllister, U. H. M. Fagerlund, and J. R. McBride. A field experiment to test the importance of estuaries for Chinook salmon (*Oncorhynchus tshawytscha*) survival: Short-term results. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1366–1377, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-160>.

**Tan:1988:OIS**

- [2252] F. C. Tan, D. Cai, and D. L. Roddick. Oxygen isotope studies on sea scallops, *Placopecten magellanicus*, from Browns Bank, Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1378–1386, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-161>.

**Audet:1988:LTS**

- [2253] Céline Audet, R. Stephen Munger, and Chris M. Wood. Long-term sublethal acid exposure in rainbow trout (*Salmo gairdneri*) in soft water: Effects on ion exchanges and blood chemistry. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1387–1398, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-162>.

**Audet:1988:DRT**

- [2254] Céline Audet and Chris M. Wood. Do rainbow trout (*Salmo gairdneri*) acclimate to low pH? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1399–1405, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-163>.

**Bergstedt:1988:ASL**

- [2255] Roger A. Bergstedt and Clifford P. Schneider. Assessment of sea lamprey (*Petromyzon marinus*) predation by recovery of dead lake trout (*Salvelinus namaycush*) from Lake Ontario, 1982–85. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1406–1410, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-164>.

**Dixit:1988:SCC**

- [2256] Sushil S. Dixit, Aruna S. Dixit, and R. Douglas Evans. Scaled chryso-phytes (chrysophyceae) as indicators of pH in Sudbury, Ontario, lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1411–1421, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-165>.

**Robinson:1988:ODG**

- [2257] S. M. C. Robinson and D. M. Ware. Ontogenetic development of growth rates in larval Pacific herrings, *Clupea harengus pallasii*, measured with RNA–DNA ratios in the Strait of Georgia, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1422–1429, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-166>.

**Beckman:1988:CIC**

- [2258] Brian R. Beckman and Waldo S. Zaugg. Copper intoxication in Chinook salmon (*Oncorhynchus tshawytscha*) induced by natural springwater: Effects on gill  $\text{Na}^+$ ,  $\text{K}^+$ -ATPase, hematocrit, and plasma glucose. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1430–1435, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-167>.

**Rasmussen:1988:LZB**

- [2259] Joseph B. Rasmussen. Littoral zoobenthic biomass in lakes, and its relationship to physical, chemical, and trophic factors. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1436–1447, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-168>.

**Kope:1988:DEI**

- [2260] Robert G. Kope and Louis W. Botsford. Detection of environmental influence on recruitment using abundance data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1448–1458, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-169>.

**Laird:1988:DLM**

- [2261] Gwenyth A. Laird, Donald Scavia, Gary L. Fahnenstiel, Lisa A. Strong, and Gregory A. Lang. Dynamics of Lake Michigan phytoplankton; relationship to nitrogen and silica fluxes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1459–1466, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-170>.

**Canfield:1988:INE**

- [2262] Daniel E. Canfield, Jr. and Mark V. Hoyer. Influence of nutrient enrichment and light availability on the abundance of aquatic macrophytes in Florida streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1467–1472, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-171>.

**Loftus:1988:ELT**

- [2263] Andrew J. Loftus, William W. Taylor, and Myrl Keller. An evaluation of lake trout (*Salvelinus namaycush*) hooking mortality in the Upper Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1473–1479, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-172>.

**Heath:1988:CPD**

- [2264] Robert T. Heath and David A. Francko. Comparison of phosphorus dynamics in two Oklahoma reservoirs and a natural lake varying in abiogenic turbidity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1480–1486, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-173>.

**Johnson:1988:OAW**

- [2265] Scott W. Johnson and Jonathan Heifetz. Osmoregulatory ability of wild Coho salmon (*Oncorhynchus kisutch*) and Dolly Varden char (*Salvelinus malma*) smolts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1487–1490, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-174>.

**Parkinson:1988:GSH**

- [2266] Eric A. Parkinson and Kanji Tsumura. Growth and survival of hormone-sterilized Coho (*Oncorhynchus kisutch*) and Kokanee salmon (*O. nerka*) in a lacustrine environment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1490–1494, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-175>.

**Cochran:1988:EEF**

- [2267] P. A. Cochran and K. J. Knutsen. Error in estimation of feeding rates from changes in mean body mass. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1494–1498, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-176>.

**Anonymous:1988:LCLb**

- [2268] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1499–1503, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-177>.

**Anonymous:1988:CRPb**

- [2269] Anonymous. Corrections to recent publications/corrections sur récents publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(8):1504, August 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-178>.

**Vandevelde:1988:IBV**

- [2270] Thierry Vandevelde, Louis Legendre, Serge Demers, and Jean-Claude Therriault. Interrelationship between in vivo fluorescence of phytoplankton and light beam transmission with reference to fluorescence yield. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1508–1513, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-179>.

**Mosegaard:1988:USO**

- [2271] Henrik Mosegaard, Henrik Svedäng, and Kjell Taberman. Uncoupling of somatic and otolith growth rates in Arctic char (*Salvelinus alpinus*) as an effect of differences in temperature response. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1514–1524, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-180>.

**Andersson:1988:PDF**

- [2272] Tommy Andersson, Lars Förlin, Jan Härdig, and Åke Larsson. Physiological disturbances in fish living in coastal water polluted with bleached kraft pulp mill effluents. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1525–1536, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-181>.

**Jonsson:1988:LHV**

- [2273] B. Jonsson, S. Skúlason, S. S. Snorrason, O. T. Sandlund, H. J. Malmquist, P. M. Jónasson, R. Cydemo, and T. Lindem. Life history variation of polymorphic Arctic charr (*Salvelinus alpinus*) in Thingvallavatn, Iceland. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1537–1547, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-182>.

**Corti:1988:MMA**

- [2274] M. Corti, R. S. Thorpe, L. Sola, V. Sbordoni, and S. Cataudella. Multivariate morphometrics in aquaculture: a case study of six stocks of the common carp (*Cyprinus carpio*) from Italy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 45(9):1548–1554, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-183>.

**Wissmar:1988:ECJ**

- [2275] Robert C. Wissmar and Charles A. Simenstad. Energetic constraints of juvenile chum salmon (*Oncorhynchus keta*) migrating in estuaries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1555–1560, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-184>.

**Bergman:1988:LAF**

- [2276] H. L. Bergman, J. S. Mattice, and D. J. A. Brown. Lake acidification and fisheries project: Adult brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1561–1562, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-185>.

**Booth:1988:EAL**

- [2277] C. E. Booth, D. G. McDonald, B. P. Simons, and C. M. Wood. Effects of aluminum and low pH on net ion fluxes and ion balance in the brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1563–1574, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-186>.

**Wood:1988:BGA**

- [2278] C. M. Wood, R. C. Playle, B. P. Simons, G. G. Goss, and D. G. McDonald. Blood gases, acid–base status, ions, and hematology in adult brook trout (*Salvelinus fontinalis*) under acid/aluminum exposure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1575–1586, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-187>.

**Wood:1988:PEAa**

- [2279] C. M. Wood, D. G. McDonald, C. E. Booth, B. P. Simons, C. G. Ingersoll, and H. L. Bergman. Physiological evidence of acclimation to acid/aluminum stress in adult brook trout (*Salvelinus fontinalis*). 1. blood composition and net sodium fluxes. *Canadian Journal of Fisheries and*



*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1587–1596, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-188>.

**Wood:1988:PEAb**

- [2280] C. M. Wood, B. P. Simons, D. R. Mount, and H. L. Bergman. Physiological evidence of acclimation to acid/aluminum stress in adult brook trout (*Salvelinus fontinalis*). 2. blood parameters by cannulation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1597–1605, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-189>.

**McDonald:1988:STB**

- [2281] D. G. McDonald and C. L. Millsgan. Sodium transport in the brook trout, *Salvelinus fontinalis*: Effects of prolonged low pH exposure in the presence and absence of aluminum. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1606–1613, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-190>.

**Walker:1988:ELP**

- [2282] R. L. Walker, C. M. Wood, and H. L. Bergman. Effects of low pH and aluminum on ventilation in the brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1614–1622, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-191>.

**Mount:1988:ELTa**

- [2283] D. R. Mount, C. G. Ingersoll, D. D. Gulley, J. D. Fernandez, T. W. LaPoint, and H. L. Bergman. Effect of long-term exposure to acid, aluminum, and low calcium on adult brook trout (*Salvelinus fontinalis*). 1. survival, growth, fecundity, and progeny survival. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1623–1632, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-192>.

**Mount:1988:ELTb**

- [2284] D. R. Mount, J. R. Hockett, and W. A. Gern. Effect of long-term exposure to acid aluminum, and low calcium on adult brook trout (*Salveli-*

*nus fontinalis*). 2. Vitellogenesis and osmoregulation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1633–1642, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-193>.

**Tietge:1988:MCG**

- [2285] J. E. Tietge, R. D. Johnson, and H. L. Bergman. Morphometric changes in gill secondary lamellae of brook trout (*Salvelinus fontinalis*) after long-term exposure to acid and aluminum. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1643–1648, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-194>.

**Rowe:1988:HSM**

- [2286] Locke Rowe, Jeffrey Hudson, and Michael Berrill. Hatching success of mayfly eggs at low pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1649–1652, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-195>.

**Hiltz:1988:CDM**

- [2287] Kenneth S. Hiltz, Jonathan G. Dean, Peter Schwinghamer, and Donald J. Belliveau. Computer-driven motor control with positional memory for mechanical microscope stage. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1652–1656, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-196>.

**Miller:1988:LSR**

- [2288] Thomas J. Miller, Larry B. Crowder, James A. Rice, and Elizabeth A. Marschall. Larval size and recruitment mechanisms in fishes: Toward a conceptual framework. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(9):1657–1670, September 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-197>.

**Neilson:1988:SSS**

- [2289] J. D. Neilson, E. M. DeBlois, and P. C. F. Hurley. Stock structure of Scotian Shelf flatfish as inferred from ichthyoplankton survey data

and the geographic distribution of mature females. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1674–1685, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-198>.

**Verspoor:1988:RGV**

- [2290] Eric Verspoor. Reduced genetic variability in first-generation hatchery populations of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1686–1690, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-199>.

**Heggberget:1988:WRS**

- [2291] Tor G. Heggberget, Lars P. Hansen, and Tor F. Næsje. Within-river spawning migration of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1691–1698, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-200>.

**Nelson:1988:BOC**

- [2292] Jay A. Nelson, John J. Magnuson, and Weerewan Chulakasem. Blood oxygen capacity differences in yellow perch (*Perca flavescens*) from Northern Wisconsin lakes differing in pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1699–1704, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-201>.

**Stephenson:1988:MAC**

- [2293] M. Stephenson and G. L. Mackie. Multivariate analysis of correlations between environmental parameters and cadmium concentrations in *Hyaella azteca* (Crustacea: Amphipoda) from Central Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1705–1710, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-202>.

**Morin:1988:EMP**

- [2294] Antoine Morin, Christian Back, Alain Chalifour, Jacques Boisvert, and Robert H. Peters. Empirical models predicting ingestion rates of black fly

larvae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1711–1719, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-203>.

**Murawski:1988:BBM**

- [2295] S. A. Murawski and J. T. Finn. Biological bases for mixed-species fisheries: Species co-distribution in relation to environmental and biotic variables. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1720–1735, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-204>.

**Mullins:1988:BVT**

- [2296] Julia Mullins, Hal Whitehead, and Linda S. Weilgart. Behaviour and vocalizations of two single sperm whales, *Physeter macrocephalus*, off Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1736–1743, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-205>.

**Jackson:1988:AMP**

- [2297] Togwell A. Jackson. Accumulation of mercury by plankton and benthic invertebrates in riverine lakes of Northern Manitoba (Canada): Importance of regionally and seasonally varying environmental factors. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1744–1757, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-206>.

**Vanni:1988:FZC**

- [2298] Michael J. Vanni. Freshwater zooplankton community structure: Introduction of large invertebrate predators and large herbivores to a small species community. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1758–1770, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-207>.

**Godbout:1988:PDS**

- [2299] Lyse Godbout and Robert H. Peters. Potential determinants of stable catch in the brook trout (*Salvelinus fontinalis*) sport fishery in Quebec. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1771–1778, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-208>.

**Burr:1988:IDP**

- [2300] Robert L. Burr. Inferring the distribution of the parameters of the von Bertalanffy growth model from length moments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1779–1788, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-209>.

**Lovejoy:1988:ESO**

- [2301] William S. Lovejoy. Effect of stochasticity on optimal harvesting strategies in some lumped-parameter fishery models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1789–1800, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-210>.

**Heggenes:1988:SPB**

- [2302] Jan Heggenes. Substrate preferences of brown trout fry (*Salmo trutta*) in artificial stream channels. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1801–1806, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-211>.

**Blanck:1988:VET**

- [2303] Hans Blanck and Sten-Åke Wängberg. Validity of an ecotoxicological test system: Short-term and long-term effects of arsenate on marine periphyton communities in laboratory systems. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1807–1815, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-212>.

**Blanck:1988:ICT**

- [2304] Hans Blanck and Sten-Åke Wängberg. Induced community tolerance in marine periphyton established under arsenate stress. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1816–1819, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-213>.

**Post:1988:OCD**

- [2305] John R. Post and Donald J. McQueen. Ontogenetic changes in the distribution of larval and juvenile yellow perch (*Perca flavescens*): a response to prey or predators? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1820–1826, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-214>.

**Martoja:1988:ECC**

- [2306] Roger Martoja, Christiane Ballan-Dufrançais, Anne-Yvonne Jeantet, Pierre Gouzerh, Jean-Claude Amiard, Claude Amiard-Triquet, Brigitte Berthet, and Jean-Pierre Baud. Effets chimiques et cytologiques de la contamination expérimentale de l’huître *Crassostrea gigas* Thunberg par l’argent administré sous forme dissoute et par voie alimentaire. (French) [Chemical and cytological effects of experimental contamination of oysters *Crassostrea gigas* Thunberg by silver administered in dissolved form and through food]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1827–1841, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-215>.

**Madenjian:1988:PND**

- [2307] Charles M. Madenjian, Gary L. Rogers, and Arlo W. Fast. Predicting nighttime dissolved oxygen loss in aquaculture ponds. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1842–1847, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-216>.

**Walters:1988:REF**

- [2308] Carl J. Walters and Jeremy S. Collie. Is research on environmental factors useful to fisheries management? *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1848–1854, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-217>.

**Anonymous:1988:LCLc**

- [2309] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(10):1855–1856, October 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-218>.

**Loder:1988:STS**

- [2310] John W. Loder, Charles K. Ross, and Peter C. Smith. A space- and time-scale characterization of circulation and mixing over submarine banks, with application to the Northwestern Atlantic Continental Shelf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1860–1885, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-219>.

**Dermott:1988:SIR**

- [2311] Ronald Dermott and Karl Corning. Seasonal ingestion rates of *Pontoporeia hoyi* (Amphipoda) in Lake Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1886–1895, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-220>.

**Nilsson:1988:PCS**

- [2312] Christer Nilsson and Paul A. Keddy. Predictability of change in shoreline vegetation in a hydroelectric reservoir, Northern Sweden. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1896–1904, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-221>.

**Kelso:1988:RHL**

- [2313] J. R. M. Kelso and D. S. Jeffries. Response of headwater lakes to varying atmospheric deposition in North-Central Ontario, 1979–85. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1905–1911, November 1988. CO-

DEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-222>.

**Riessen:1988:CPP**

- [2314] Howard P. Riessen, Jonathan W. Sommerville, Christopher Chiappari, and Daniel Gustafson. *Chaoborus* predation, prey vulnerability, and their effect in zooplankton communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1912–1920, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-223>.

**Moore:1988:SHU**

- [2315] Kelly M. S. Moore and Stanley V. Gregory. Summer habitat utilization and ecology of cutthroat trout fry (*Salmo clarki*) in Cascade Mountain streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1921–1930, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-224>.

**Matuszek:1988:FSR**

- [2316] J. E. Matuszek and G. L. Beggs. Fish species richness in relation to lake area, pH, and other abiotic factors in Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1931–1941, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-225>.

**Malison:1988:GFR**

- [2317] Jeffrey A. Malison, Terrence B. Kayes, Bernard C. Wentworth, and Clyde H. Amundson. Growth and feeding responses of male versus female yellow perch (*Perca flavescens*) treated with Estradiol-17 $\beta$ . *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1942–1948, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-226>.

**Freeman:1988:FAS**

- [2318] M. C. Freeman, M. K. Crawford, J. C. Barrett, D. E. Facey, M. G. Flood, J. Hill, D. J. Stouder, and G. D. Grossman. Fish assemblage stability in a Southern Appalachian stream. *Canadian Journal of Fisheries and*



*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1949–1958, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-227>.

**Galat:1988:MBG**

- [2319] David L. Galat and James P. Verdin. Magnitude of blue-green algal blooms in a saline desert lake evaluated by remote sensing: Evidence for nitrogen control. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1959–1967, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-228>.

**Martin:1988:DAT**

- [2320] Jennifer L. Martin and Alan W. White. Distribution and abundance of the toxic dinoflagellate *Gonyaulax excavata* in the Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1968–1975, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-229>.

**Canfield:1988:PBC**

- [2321] Daniel E. Canfield, Jr. and Carlos M. Duarte. Patterns in biomass and cover of aquatic macrophytes in lakes: Test with Florida lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1976–1982, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-230>.

**Payne:1988:WSL**

- [2322] Jerry F. Payne, J. Kiceniuk, L. L. Fancey, U. Williams, G. L. Fletcher, A. Rahimtula, and B. Fowler. What is a safe level of polycyclic aromatic hydrocarbons for fish: Subchronic toxicity study on winter flounder (*Pseudopleuronectes americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1983–1993, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-231>.

**Giberson:1988:SVF**

- [2323] Donna J. Giberson and Ronald J. Hall. Seasonal variation in faunal distribution within the sediments of a Canadian Shield stream, with emphasis on responses to spring floods. *Canadian Journal of Fisheries and*

*Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):1994–2002, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-232>.

**Pouliot:1988:ADR**

- [2324] T. Pouliot and J. de la Noüe. Apparent digestibility in rainbow trout (*Salmo gairdneri*): Influence of hypoxia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):2003–2009, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-233>.

**Cuffney:1988:POM**

- [2325] Thomas F. Cuffney and J. Bruce Wallace. Particulate organic matter export from three headwater streams: Discrete versus continuous measurements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):2010–2016, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-234>.

**Clements:1988:IHM**

- [2326] Williams H. Clements, Donald S. Cherry, and John Cairns, Jr. Impact of heavy metals on insect communities in streams: a comparison of observational and experimental results. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):2017–2025, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-235>.

**Klotz:1988:SCS**

- [2327] R. L. Klotz. Sediment control of soluble reactive phosphorus in Hoxie Gorge Creek, New York. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):2026–2034, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-236>.

**Billington:1988:EIH**

- [2328] Neil Billington, Paul D. N. Hebert, and Robert D. Ward. Evidence of introgressive hybridization in the genus *Stizostedion*: Interspecific transfer of mitochondrial DNA between sauger and walleye. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences*

*halieutiques et aquatiques*, 45(11):2035–2041, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-237>.

**Scarnecchia:1988:SMS**

- [2329] Dennis L. Scarnecchia. Salmon management and the search for values. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(11):2042–2050, November 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-238>.

**McQuinn:1988:AAE**

- [2330] I. H. McQuinn, L. Gendron, and J. H. Himmelman. Area of attraction and effective area fished by a whelk (*Buccinum undatum*) trap under variable conditions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2054–2060, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-239>.

**Lathrop:1988:EWL**

- [2331] Richard C. Lathrop. Evaluation of whole-lake nitrogen fertilization for controlling blue-green algal blooms in a hypereutrophic lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2061–2075, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-240>.

**Rao:1988:DAN**

- [2332] D. V. Subba Rao, M. A. Quilliam, and R. Pocklington. Domoic acid — a neurotoxic amino acid produced by the marine diatom *Nitzschia pungens* in culture. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2076–2079, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-241>.

**Andrus:1988:WDC**

- [2333] C. W. Andrus, B. A. Long, and H. A. Froehlich. Woody debris and its contribution to pool formation in a coastal stream 50 years after logging. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2080–2086, December

1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-242>.

**Petrosky:1988:RWR**

- [2334] C. E. Petrosky and T. C. Bjornn. Response of wild rainbow (*Salmo gairdneri*) and cutthroat trout (*S. clarki*) to stocked rainbow trout in fertile and infertile streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2087–2105, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-243>.

**Ennis:1988:FMS**

- [2335] G. P. Ennis, R. G. Hooper, and D. M. Taylor. Functional maturity in small male snow crabs (*Chionoecetes opilio*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2106–2109, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-244>.

**Hinch:1988:SEC**

- [2336] Scott G. Hinch and Roger H. Green. Shell etching on clams from low-alkalinity Ontario lakes: a physical or chemical process? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2110–2113, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-245>.

**Grewe:1988:MDD**

- [2337] Peter M. Grewe and Paul D. N. Hebert. Mitochondrial DNA diversity among broodstocks of the lake trout, *Salvelinus namaycush*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2114–2122, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-246>.

**Hall:1988:FAS**

- [2338] Ronald J. Hall, R. C. Bailey, and Joseph Findeis. Factors affecting survival and cation concentration in the blackflies *Prosimulium fuscum/mixtum* and the mayfly *Leptophlebia cupida* during spring snowmelt. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2123–2132, December

1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-247>.

**Johnson:1988:CEO**

- [2339] Lyndal L. Johnson, Edmundo Casillas, Tracy K. Collier, Bruce B. McCain, and Usha Varanasi. Contaminant effects on ovarian development in English sole (*Parophrys vetulus*) from Puget Sound, Washington. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2133–2146, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-248>.

**Arts:1988:EIE**

- [2340] Michael T. Arts and W. Gary Sprules. Evidence for indirect effects of fish predation on maternal lipid investment in *Holopedium gibberum*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2147–2155, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-249>.

**Cunjak:1988:BMJ**

- [2341] Richard A. Cunjak. Behaviour and microhabitat of young Atlantic salmon (*Salmo salar*) during winter. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2156–2160, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-250>.

**Metcalf:1988:EIL**

- [2342] C. D. Metcalfe, V. W. Cairns, and J. D. Fitzsimons. Experimental induction of liver tumours in rainbow trout (*Salmo gairdneri*) by contaminated sediment from Hamilton Harbour, Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2161–2167, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-251>.

**King:1988:MCE**

- [2343] J. M. King, J. A. Day, P. R. Hurly, M-P. Henshall-Howard, and B. R. Davies. Macroinvertebrate communities and environment in a Southern African mountain stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2168–2181, December 1988. CODEN CJFSDX. ISSN 0706-652X

(print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-252>.

**Yamamori:1988:GRT**

- [2344] Kunio Yamamori, Moritaka Nakamura, Takashi Matsui, and Toshiaki j. Hara. Gustatory responses to tetrodotoxin and saxitoxin in fish: a possible mechanism for avoiding marine toxins. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2182–2186, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-253>.

**Forster:1988:EDC**

- [2345] Ian Forster, David A. Higgs, Gordon R. Bell, B. S. Dosanjh, and B. E. March. Effect of diets containing herring oil oxidized to different degrees on growth and immunocompetence of juvenile Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2187–2194, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-254>.

**Erman:1988:EFW**

- [2346] Don C. Erman, Edmund D. Andrews, and Michael Yoder-Williams. Effects of winter floods on fishes in the Sierra Nevada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2195–2200, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-255>.

**Mclsaac:1988:EHC**

- [2347] Donald O. Mclsaac and Thomas P. Quinn. Evidence for a hereditary component in homing behavior of Chinook salmon (*Oncorhynchus tshawytscha*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2201–2205, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-256>.

**Spry:1988:ZIA**

- [2348] Douglas J. Spry and Chris M. Wood. Zinc influx across the isolated, perfused head preparation of the rainbow trout (*Salmo gairdneri*) in

hard and soft water. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2206–2215, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-257>.

**Starr:1988:RHR**

- [2349] Paul Starr and Ray Hilborn. Reconstruction of harvest rates and stock contribution in gauntlet salmon fisheries: Application to British Columbia and Washington sockeye (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2216–2229, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-258>.

**Tarapchak:1988:OCL**

- [2350] Stephen J. Tarapchak and Lynn R. Herche. Orthophosphate concentrations in lake water: Analysis of Rigler’s radiobioassay method. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2230–2237, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-259>.

**Fausch:1988:TCB**

- [2351] Kurt D. Fausch. Tests of competition between native and introduced salmonids in streams: What have we learned? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 45(12):2238–2246, December 1988. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f88-260>.

**Levine:1989:PNC**

- [2352] S. N. Levine and D. W. Schindler. Phosphorus, nitrogen, and carbon dynamics of Experimental Lake 303 during recovery from eutrophication. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):2–10, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-001>.

**Collins:1989:DEF**

- [2353] Nicholas C. Collins. Daytime exposure to fish predation for littoral benthic organisms in unproductive lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et*

*aquatiques*, 46(1):11–15, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-002>.

**Scarnecchia:1989:EOV**

- [2354] Dennis L. Scarnecchia, Árni Ísaksson, and S. E. White. Effects of oceanic variations and the West Greenland fishery on age at maturity of Icelandic West Coast stocks of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):16–27, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-003>.

**Hilborn:1989:TPS**

- [2355] Ray Hilborn and Paul Medley. Tuna purse-seine fishing with fish-aggregating devices (FAD): Models of tuna FAD interactions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):28–32, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-004>.

**Curtis:1989:RED**

- [2356] Lawrence R. Curtis, Wayne K. Seim, Lisbeth K. Siddens, Debra A. Meager, Richard A. Carchman, Walter H. Carter, and Gary A. Chapman. Role of exposure duration in hydrogen ion toxicity to brook (*Salvelinus fontinalis*) and rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):33–40, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-005>.

**Ford:1989:GSW**

- [2357] T. E. Ford and Robert J. Naiman. Groundwater–surface water relationships in boreal forest watersheds: Dissolved organic carbon and inorganic nutrient dynamics. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):41–49, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-006>.

**Edmonds:1989:TEA**

- [2358] J. S. Edmonds, M. J. Moran, N. Caputi, and M. Morita. Trace element analysis of fish sagittae as an aid to stock identifications: Pink



snapper (*Chrysophrys auratus*) in Western Australian waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):50–54, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-007>.

**Latham:1989:OAP**

- [2359] Keith E. Latham and John J. Just. Oxygen availability provides a signal for hatching in the rainbow trout (*Salmo gairdneri*) embryo. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):55–58, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-008>.

**Lucotte:1989:PRS**

- [2360] Marc Lucotte. Phosphorus reservoirs in the St. Lawrence Upper Estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):59–65, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-009>.

**Reisenbichler:1989:GVS**

- [2361] R. R. Reisenbichler and S. R. Phelps. Genetic variation in steelhead (*Salmo gairdneri*) from the North Coast of Washington. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):66–73, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-010>.

**Machado:1989:ECM**

- [2362] J. P. Machado, T. G. Bell, A. L. Trapp, D. L. Garling, Jr., and N. R. Kevern. Effect of carbon monoxide exposure on gas bubble disease in rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):74–80, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-011>.

**Robinson:1989:IEF**

- [2363] Clifford L. K. Robinson and William M. Tonn. Influence of environmental factors and piscivory in structuring fish assemblages of small Alberta lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):81–89, January

1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-012>.

**Welch:1989:PNP**

- [2364] Harold E. Welch, John A. Legault, and Hedy J. Kling. Phytoplankton, nutrients, and primary production in fertilized and natural lakes at Saqvaqjuac, N.W.T. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):90–107, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-013>.

**Reznick:1989:SGR**

- [2365] David Reznick, Eric Lindbeck, and Heather Bryga. Slower growth results in larger otoliths: an experimental test with guppies (*Poecilia reticulata*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):108–112, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-014>.

**Secor:1989:SGE**

- [2366] David H. Secor and John Mark Dean. Somatic growth effects on the otolith–fish size relationship in young pond-reared striped bass, *Morone saxatilis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):113–121, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-015>.

**Morin:1989:CRN**

- [2367] Pierre-Philippe Morin, Julian J. Dodson, and François Y. Doré. Cardiac responses to a natural odorant as evidence of a sensitive period for olfactory imprinting in young Atlantic salmon, *Salmo salar*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):122–130, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-016>.

**Morin:1989:TAC**

- [2368] Pierre-Philippe Morin, Julian J. Dodson, and François Y. Doré. Thyroid activity concomitant with olfactory learning and heart rate changes in Atlantic salmon *Salmo salar*, during smoltification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):131–136, January 1989. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-017>.

**Ludwig:1989:RMP**

- [2369] D. Ludwig and C. J. Walters. A robust method for parameter estimation from catch and effort data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):137–144, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-018>.

**Aiken:1989:ITP**

- [2370] D. E. Aiken and S. L. Waddy. Interaction of temperature and photoperiod in the regulation of spawning by American lobsters (*Homarus americanus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):145–148, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-019>.

**Foote:1989:BGC**

- [2371] Chris J. Foote, Chris C. Wood, and Ruth E. Withler. Biochemical genetic comparison of sockeye salmon and Kokanee, the anadromous and nonanadromous forms of *Oncorhynchus nerka*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):149–158, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-020>.

**Cravedi:1989:DER**

- [2372] J. P. Cravedi, G. Delous, and D. Rao. Disposition and elimination routes of  $17\alpha$ -methyltestosterone in rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):159–165, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-021>.

**Henault:1989:CMM**

- [2373] Michel Hénault and Réjean Fortin. Comparison of meristic and morphometric characters among spring- and fall-spawning ecotypes of cisco (*Coregonus artedii*) in Southern Quebec, Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):166–173, January 1989. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-022>.

**Anonymous:1989:LCLa**

- [2374] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(1):174, January 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-023>.

**Down:1989:PAR**

- [2375] N. E. (Ted) Down, Edward M. Donaldson, Helen M. Dye, Thomas C. Boone, Keith E. Langley, and Lawrence M. Souza. A potent analog of recombinant bovine somatotropin accelerates growth in juvenile Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):178–183, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-024>.

**Aalto:1989:EDS**

- [2376] S. K. Aalto and G. E. (Buck) Newsome. Evidence of demic structure for a population of yellow perch (*Perca flavescens*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):184–190, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-025>.

**Scott:1989:MAC**

- [2377] J. S. Scott. Matrix analysis of co-occurrences of fishes of the Scotian Shelf and Bay of Fundy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):191–197, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-026>.

**Hansell:1989:MEU**

- [2378] Dennis A. Hansell and John J. Goering. A method for estimating uptake and production rates for urea in seawater using [ $^{14}\text{C}$ ] urea and [ $^{15}\text{N}$ ] urea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):198–202, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-027>.

**Newman:1989:DBT**

- [2379] Raymond M. Newman and Thomas F. Waters. Differences in brown trout (*Salmo trutta*) production among contiguous sections of an entire stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):203–213, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-028>.

**Mather:1989:CMT**

- [2380] Martha E. Mather and David H. Wahl. Comparative mortality of three esocids due to stocking stressors. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):214–217, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-029>.

**Burtle:1989:LRC**

- [2381] G. J. Burtle and R. T. Lovell. Lack of response of channel catfish (*Ictalurus punctatus*) to dietary myo-inositol. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):218–222, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-030>.

**Robbins:1989:RAT**

- [2382] J. A. Robbins, T. Keilty, D. S. White, and D. N. Edgington. Relationships among tubificid abundances, sediment composition, and accumulation rates in Lake Erie. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):223–231, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-031>.

**Swales:1989:RCP**

- [2383] S. Swales and C. D. Levings. Role of off-channel ponds in the life cycle of Coho salmon (*Oncorhynchus kisutch*) and other juvenile salmonids in the Coldwater River, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):232–242, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-032>.

**Small:1989:ETS**

- [2384] Susan A. Small and D. J. Randall. Effects of triploidy on the swimming performance of Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):243–245, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-033>.

**Porcella:1989:LAM**

- [2385] D. B. Porcella. Lake Acidification Mitigation Project (LAMP): an overview of an ecosystem perturbation experiment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):246–248, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-034>.

**Driscoll:1989:STC**

- [2386] Charles T. Driscoll, Gerald F. Fordham, William A. Ayling, and Leah M. Oliver. Short-term changes in the chemistry of trace metals following calcium carbonate treatment of acidic lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):249–257, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-035>.

**Driscoll:1989:CRL**

- [2387] Charles T. Driscoll, William A. Ayling, G. F. Fordham, and Leah M. Oliver. Chemical response of lakes treated with  $\text{CaCO}_3$  to reacidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):258–267, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-036>.

**Staubitz:1989:HTH**

- [2388] Ward W. Staubitz and Phillip J. Zarriello. Hydrology of two headwater lakes in the Adirondack Mountains of New York. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):268–276, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-037>.

**Gloss:1989:SGR**

- [2389] Steven P. Gloss, Carl L. Schofield, Robert L. Spateholts, and Barbara A. Plonski. Survival, growth, reproduction, and diet of brook trout (*Salvelinus fontinalis*) stocked into lakes after liming to mitigate acidity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):277–286, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-038>.

**Roberts:1989:ELE**

- [2390] Deborah A. Roberts and Charles W. Boylen. Effects of liming on the epipelagic algal community of Woods Lake, New York. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):287–294, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-039>.

**Schaffner:1989:ENA**

- [2391] William R. Schaffner. Effects of neutralization and addition of brook trout (*Salvelinus fontinalis*) on the limnetic zooplankton communities of two acidic lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):295–305, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-040>.

**Fordham:1989:STC**

- [2392] G. F. Fordham and C. T. Driscoll. Short-term changes in the acid/base chemistry of two acidic lakes following calcium carbonate treatment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):306–314, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-041>.

**Young:1989:CDS**

- [2393] Thomas C. Young, Joseph V. DePinto, James R. Rhea, and Richard D. Scheffe. Calcite dose selection, treatment efficiency, and residual calcite fate after whole-lake neutralization. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):315–322, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-042>.

**DePinto:1989:PRC**

- [2394] Joseph V. DePinto, Richard D. Scheffe, William G. Booty, and Thomas C. Young. Predicting reacidification of calcite treated acid lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):323–332, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-043>.

**Schofield:1989:PGE**

- [2395] Carl L. Schofield, Steven P. Gloss, Barbara Plonski, and Robert Spateholts. Production and growth efficiency of brook trout (*Salvelinus fontinalis*) in two Adirondack mountain (New York) lakes following liming. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):333–341, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-044>.

**Evans:1989:RLI**

- [2396] Richard A. Evans. Response of limnetic insect populations of two acidic, fishless lakes to liming and brook trout (*Salvelinus fontinalis*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):342–351, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-045>.

**Bukaveckas:1989:ECT**

- [2397] Paul A. Bukaveckas. Effects of calcite treatment on primary producers in acidified Adirondack lakes. II. Short-term response by phytoplankton communities. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):352–359, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-046>.

**Addison:1989:OMM**

- [2398] R. F. Addison. Organochlorines and marine mammal reproduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):360–368, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-047>.



**Anonymous:1989:CRPa**

- [2399] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(2):369, February 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-048>.

**Hyatt:1989:RNR**

- [2400] Kim D. Hyatt and Neil H. Ringler. Role of nest raiding and egg predation in regulating population density of threespine sticklebacks (*Gasterosteus aculeatus*) in a coastal British Columbia lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):372–383, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-049>.

**Beamish:1989:IDM**

- [2401] F. W. H. Beamish, J. C. Howlett, and T. E. Medland. Impact of diet on metabolism and swimming performance in juvenile lake trout, *Salvelinus namaycush*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):384–388, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-050>.

**Krantzberg:1989:MRT**

- [2402] G. Krantzberg and P. M. Stokes. Metal regulation, tolerance, and body burdens in the larvae of the genus *Chironomus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):389–398, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-051>.

**Borgmann:1989:ECS**

- [2403] U. Borgmann, E. S. Millard, and C. C. Charlton. Effect of cadmium on a stable, large volume, laboratory ecosystem containing *Daphnia* and phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):399–405, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-052>.

**Vuorinen:1989:GDA**

- [2404] Jukka Vuorinen and Ole Kristian Berg. Genetic divergence of anadromous and nonanadromous Atlantic salmon (*Salmo salar*) in the River Namsen, Norway. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):406–409, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-053>.

**Hansen:1989:IPM**

- [2405] L. P. Hansen, B. Jonsson, R. I. G. Morgan, and J. E. Thorpe. Influence of parr maturity on emigration of smolting Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):410–415, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-054>.

**Ostrofsky:1989:RBA**

- [2406] M. L. Ostrofsky, D. A. Osborne, and T. J. Zebulske. Relationship between anaerobic sediment phosphorus release rates and sedimentary phosphorus species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):416–419, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-055>.

**Beamish:1989:EPA**

- [2407] R. J. Beamish and T. G. Northcote. Extinction of a population of anadromous parasitic lamprey, *Lampetra tridentata*, upstream of an impassable dam. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):420–425, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-056>.

**McMurtry:1989:RMC**

- [2408] Michael J. McMurtry, Donna L. Wales, Wolfgang A. Scheider, Gail L. Beggs, and Patricia E. Dimond. Relationship of mercury concentrations in lake trout (*Salvelinus namaycush*) and smallmouth bass (*Micropterus dolomieu*) to the physical and chemical characteristics of Ontario lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):426–434, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-057>.

**Chambers:1989:RVS**

- [2409] P. A. Chambers, E. E. Prepas, M. L. Bothwell, and H. R. Hamilton. Roots versus shoots in nutrient uptake by aquatic macrophytes in flowing waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):435–439, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-058>.

**Hamilton:1989:BCM**

- [2410] Steven J. Hamilton and Terry A. Haines. Bone characteristics and metal concentrations in white suckers (*Catostomus commersoni*) from one neutral and three acidified lakes in Maine. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):440–446, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-059>.

**Young:1989:EVP**

- [2411] Michael K. Young, Wayne A. Hubert, and Thomas A. Wesche. Evaluation of variation in permeability measurements when using the MARK VI standpipe. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):447–450, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-060>.

**Hare:1989:GSB**

- [2412] Landis Hare, Peter G. C. Campbell, André Tessier, and Nelson Belzile. Gut sediments in a burrowing mayfly (Ephemeroptera, Hexagenia limbata): Their contribution to animal trace element burdens, their removal, and the efficacy of a correction for their presence. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):451–456, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-061>.

**Boisclair:1989:APVa**

- [2413] D. Boisclair and W. C. Leggett. Among-population variability of fish growth: I. Influence of the quantity of food consumed. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):457–467, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-062>.

**Boisclair:1989:APVb**

- [2414] D. Boisclair and W. C. Leggett. Among-population variability of fish growth: II. Influence of prey type. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):468–482, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-063>.

**Allen:1989:SPU**

- [2415] K. Radway Allen and W. S. Hearn. Some procedures for use in cohort analysis and other population simulations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):483–488, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-064>.

**Smith:1989:GEW**

- [2416] R. L. Smith, J. M. Paul, and A. J. Paul. Gastric evacuation in wall-eye pollock, *Theragra chalcogramma*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):489–493, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-065>.

**Korver:1989:ZAF**

- [2417] R. M. Korver and J. B. Sprague. Zinc avoidance by fathead minnows (*Pimephales promelas*): Computerized tracking and greater ecological relevance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):494–502, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-066>.

**Schneider:1989:PLA**

- [2418] David C. Schneider and Richard L. Haedrich. Prediction limits of allometric equations: a reanalysis of Ryder's morphoedaphic index. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):503–508, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-067>.

**Shaffer:1989:TLC**

- [2419] Paul W. Shaffer and M. Robbins Church. Terrestrial and in-lake contributions to alkalinity budgets of drainage lakes: an assessment of re-

gional differences. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):509–515, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-068>.

**Moodie:1989:IEC**

- [2420] G. E. E. Moodie, N. L. Loadman, M. D. Wiegand, and J. A. Mathias. Influence of egg characteristics on survival, growth and feeding in larval walleye (*Stizostedion vitreum*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):516–521, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-069>.

**Giguere:1989:CWE**

- [2421] Louis A. Giguère, J.-F. St-Pierre, B. Bernier, A. Vézina, and j. G. Rondeau. Can we estimate the true weight of zooplankton samples after chemical preservation? *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):522–527, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-070>.

**Kerr:1989:CAM**

- [2422] S. R. Kerr and R. A. Ryder. Current approaches to multispecies analyses of marine fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(3):528–534, March 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-071>.

**Dickie:1989:FEP**

- [2423] L. M. Dickie and P. C. Smith. Fisheries Ecology Program (FEP): General introduction. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):538, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-072>.

**Smith:1989:CDB**

- [2424] Peter C. Smith. Circulation and dispersion on Browns Bank. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):539–559, April 1989. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-073>.

**McLaren:1989:CPS**

- [2425] Ian A. McLaren, M. John Tremblay, C. J. Corkett, and John C. Roff. Copepod production on the Scotian Shelf based on life-history analyses and laboratory bearings. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):560–583, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-074>.

**Wildish:1989:BMP**

- [2426] D. J. Wildish, A. J. Wilson, and B. Frost. Benthic macrofaunal production of Browns Bank, Northwest Atlantic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):584–590, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-075>.

**Suthers:1989:IAD**

- [2427] Iain M. Suthers and Kenneth T. Frank. Inter-annual distributions of larval and pelagic juvenile cod (*Gadus morhua*) in Southwestern Nova Scotia determined with two different gear types. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):591–602, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-076>.

**Campana:1989:ATM**

- [2428] Steven E. Campana and Peter C. F. Hurley. An age- and temperature-mediated growth model for cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) larvae in the Gulf of Maine. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):603–613, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-077>.

**Boudreau:1989:BMF**

- [2429] P. R. Boudreau and L. M. Dickie. Biological model of fisheries production based on physiological and ecological scalings of body size. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):614–623, April 1989. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-078>.

**Chenoweth:1989:ODL**

- [2430] S. B. Chenoweth, D. A. Libby, R. L. Stephenson, and M. J. Power. Origin and dispersion of larval herring (*Clupea harengus*) in coastal waters of Eastern Maine and Southwestern New Brunswick. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):624–632, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-079>.

**Heifetz:1989:MTS**

- [2431] Jonathan Heifetz, Scott W. Johnson, K. V. Koski, and Michael L. Murphy. Migration timing, size, and salinity tolerance of sea-type sockeye salmon (*Oncorhynchus nerka*) in an Alaska Estuary. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):633–637, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-080>.

**Hanna:1989:BAP**

- [2432] Micheline Hanna. Biologically available phosphorus: Estimation and prediction using an anion-exchange resin. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):638–643, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-081>.

**Darwish:1989:PAF**

- [2433] G. S. Darwish, F. R. van de Voort, and J. P. Smith. Proximate analysis of fish tissue by mid-infrared transmission spectroscopy. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):644–649, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-082>.

**Jeffries:1989:PWF**

- [2434] Perry Jeffries, Aimee Keller, and Stephen Hale. Predicting winter flounder (*Pseudopleuronectes americanus*) catches by time series analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):650–659, April 1989.

CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-083>.

**Polovina:1989:DDS**

- [2435] Jeffrey J. Polovina. Density dependence in spiny lobster, *Panulirus marginatus*, in the Northwestern Hawaiian Islands. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):660–665, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-084>.

**Chapman:1989:FFN**

- [2436] Lauren J. Chapman, William C. Mackay, and Craig W. Wilkinson. Feeding flexibility in northern pike (*Esox lucius*): Fish versus invertebrate prey. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):666–669, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-085>.

**Cury:1989:OEW**

- [2437] Philippe Cury and Claude Roy. Optimal environmental window and pelagic fish recruitment success in upwelling areas. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):670–680, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-086>.

**Scrivener:1989:EFH**

- [2438] J. C. Scrivener and M. J. Brownlee. Effects of forest harvesting on spawning gravel and incubation survival of chum (*Oncorhynchus keta*) and Coho salmon (*O. kisutch*) in Carnation Creek, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):681–696, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-087>.

**Holm:1989:MDJ**

- [2439] Jens Chr Holm. Mono- and duoculture of juvenile Atlantic salmon (*Salmo salar*) and Arctic char (*Salvelinus alpinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):697–704, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-088>.



**Dauble:1989:RBE**

- [2440] D. D. Dauble and L. R. Curtis. Rapid branchial excretion of dietary quinoline by rainbow trout (*Salmo gairdneri*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):705–713, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-089>.

**Foster:1989:IHA**

- [2441] J. R. Foster and C. B. Schom. Imprinting and homing of Atlantic salmon (*Salmo salar*) kelts. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):714–719, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-090>.

**LeFoll:1989:ADS**

- [2442] Didier Le Foll, Evelyne Brichet, Jean Louis Reyss, Claude Lalou, and Daniel Latrouite. Age determination of the spider crab *Maja squinado* and the European lobster *Homarus gammarus* by  $^{228}\text{Th}/^{228}\text{Ra}$  chronology: Possible extension to other crustaceans. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):720–724, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-091>.

**Anonymous:1989:LCLb**

- [2443] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(4):725–727, April 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-092>.

**Schnute:1989:FGI**

- [2444] Jon T. Schnute, Laura J. Richards, and Alan J. Cass. Fish growth: Investigations based on a size-structured model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):730–742, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-093>.

**Schnute:1989:FSR**

- [2445] Jon T. Schnute, Laura J. Richards, and Alan J. Cass. Fish survival and recruitment: Investigations based on a size-structured model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):743–769, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-094>.

**Nicholls:1989:RCP**

- [2446] K. H. Nicholls and D. A. Hurley. Recent changes in the phytoplankton of the Bay of Quinte, Lake Ontario: the relative importance of fish, nutrients, and other factors. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):770–779, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-095>.

**Speare:1989:FAR**

- [2447] D. J. Speare and H. W. Ferguson. Fixation artifacts in rainbow trout (*Salmo gairdneri*) gills: a morphometric evaluation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):780–785, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-096>.

**Jensen:1989:TRA**

- [2448] Arne J. Jensen, Bjørn O. Johnsen, and Laila Saksgård. Temperature requirements in Atlantic salmon (*Salmo salar*), brown trout (*Salmo trutta*), and Arctic char (*Salvelinus alpinus*) from hatching to initial feeding compared with geographic distribution. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):786–789, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-097>.

**Wiggs:1989:ARE**

- [2449] A. J. Wiggs, E. B. Henderson, R. L. Saunders, and M. N. Kutty. Activity, respiration, and excretion of ammonia by Atlantic salmon (*Salmo salar*) smolt and postsmolt. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):790–795, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-098>.

**StAubin:1989:ACH**

- [2450] D. J. St. Aubin and J. R. Geraci. Adaptive changes in hematologic and plasma chemical constituents in captive beluga whales, *Delphinapterus leucas*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):796–803, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-099>.

**Giles:1989:OVM**

- [2451] M. A. Giles and D. M. Rystephanuk. Ontogenetic variation in the multiple hemoglobins of Arctic charr, *Salvelinus alpinus*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):804–809, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-100>.

**Johannes:1989:GSN**

- [2452] Mark R. S. Johannes, Donald J. McQueen, Tom J. Stewart, and John R. Post. Golden shiner (*Notemigonus crysoleucas*) population abundance correlations with food and predators. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):810–817, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-101>.

**Crittenden:1989:CGL**

- [2453] R. N. Crittenden and G. L. Thomas. A conditional generalized least squares method for estimating the size of a closed population. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):818–823, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-102>.

**Gauthier:1989:RSA**

- [2454] D. Gauthier, L. Desjardins, J. A. Robitaille, and Y. Vigneault. River spawning of artificially reconditioned Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):824–826, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-103>.

**Planas:1989:SOS**

- [2455] Dolors Planas, Louise Lapierre, Guy Moreau, and Martine Allard. Structural organization and species composition of a lotic periphyton community in response to experimental acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):827–835, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-104>.

**Castonguay:1989:DBA**

- [2456] Martin Castonguay, Jean-Denis Dutil, and Claude Desjardins. Distinction between American eels (*Anguilla rostrata*) of different geographic origins on the basis of their organochlorine contaminant levels. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):836–843, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-105>.

**Hogan:1989:HGS**

- [2457] Daniel L. Hogan and Michael Church. Hydraulic geometry in small, coastal streams: Progress toward quantification of salmonid habitat. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):844–852, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-106>.

**Craig:1989:CBC**

- [2458] J. F. Craig, K. Smiley, and J. A. Babaluk. Changes in the body composition with age of goldeye, *Hiodon alosoides*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):853–858, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-107>.

**Chiles:1989:MTB**

- [2459] Thomas C. Chiles, Peter D. Pendoley, and Roy B. Laughlin, Jr. Mechanisms of tri-n-butyltin bioaccumulation by marine phytoplankton. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):859–862, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-108>.

**Shaw:1989:RSA**

- [2460] Margo A. Shaw and Gerald L. Mackie. Reproductive success of *Amnicola limosa* (Gastropoda) in low alkalinity lakes in South-Central Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):863–869, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-109>.

**Graves:1989:MDS**

- [2461] John E. Graves and Andrew E. Dizon. Mitochondrial DNA sequence similarity of Atlantic and Pacific albacore tuna (*Thunnus alalunga*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):870–873, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-110>.

**Hayward:1989:GBF**

- [2462] Robert S. Hayward, F. Joseph Margraf, Carey T. Knight, and Daniel J. Glomski. Gear bias in field estimation of the amount of food consumed by fish. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):874–876, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-111>.

**Hennigan:1989:CAS**

- [2463] Martha Hennigan, Laurence M. Vaughan, Timothy J. Foster, Peter Smith, and Frank Gannon. Characterization of *Aeromonas salmonicida* strains using DNA probe technology. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):877–879, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-112>.

**Mills:1989:EZA**

- [2464] Edward L. Mills, Ruth Sherman, and Douglas S. Robson. Effect of zooplankton abundance and body size on growth of age-0 yellow perch (*Perca flavescens*) in Oneida Lake, New York, 1975–86. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):880–886, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-113>.

**Neilson:1989:SAH**

- [2465] John D. Neilson, Kenneth G. Waiwood, and Stephen J. Smith. Survival of Atlantic halibut (*Hippoglossus hippoglossus*) caught by longline and otter trawl gear. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):887–897, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-114>.

**Evans:1989:PPP**

- [2466] Geoffrey T. Evans and Pierre Pepin. Potential for predicting plankton populations (and fish recruitment) from environmental data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):898–903, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-115>.

**Bird:1989:BOM**

- [2467] D. F. Bird and C. M. Duarte. Bacteria–organic matter relationship in sediments: a case of spurious correlation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(5):904–908, May 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-116>.

**Davies:1989:PCC**

- [2468] I. J. Davies. Population collapse of the crayfish *Orconectes virilis* in response to experimental whole-lake acidification. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):910–922, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-117>.

**Davies:1989:DOS**

- [2469] I. J. Davies and D. J. Ramsey. A diver operated suction gun and collection bucket for sampling crayfish and other aquatic macroinvertebrates. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):923–927, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-118>.

**Labee-Lund:1989:SMM**

- [2470] Jan Hennsng L'abée-Lund. Significance of mature male parr in a small population of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fish-*

*eries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):928–931, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-119>.

**Jensen:1989:BRC**

- [2471] Gregory C. Jensen and David A. Armstrong. Biennial reproductive cycle of blue king crab, *Paralithodes platypus*, at the Pribilof Island, Alaska and comparison to a congener, *P. camtschatica*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):932–940, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-120>.

**Kimura:1989:VTS**

- [2472] Daniel K. Kimura. Variability, tuning, and simulation for the Doubleday–Deriso Catch-at-Age model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):941–949, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-121>.

**Ballantyne:1989:ETO**

- [2473] J. S. Ballantyne, D. Flannigan, and T. B. White. Effects of temperature on the oxidation of fatty acids, acyl carnitines, and ketone bodies by mitochondria isolated from the liver of the lake charr, *Salvelinus namaycush*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):950–954, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-122>.

**Berg:1989:SGT**

- [2474] Ole Kristian Berg and Magnus Berg. Sea growth and time of migration of anadromous Arctic char (*Salvelinus alpinus*) from the Vardnes River, in Northern Norway. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):955–960, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-123>.

**Polovina:1989:SSD**

- [2475] Jeffrey J. Polovina. A system of simultaneous dynamic production and forecast models for mulispecies or multiarea applications. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):961–963, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-124>.

**Batts:1989:CIH**

- [2476] W. N. Batts and J. R. Winton. Concentration of infectious hematopoietic necrosis virus from water samples by tangential flow filtration and polyethylene glycol precipitation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):964–968, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-125>.

**McQuinn:1989:ISA**

- [2477] Ian H. McQuinn. Identification of spring- and autumn-spawning herring (*Clupea harengus harengus*) using maturity stages assigned from a gonadosomatic index model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):969–980, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-126>.

**Shaw:1989:TSP**

- [2478] J. F. H. Shaw and E. E. Prepas. Temporal and spatial patterns of pore-water phosphorus in shallow sediments, and its potential transport into Narrow Lake, Alberta. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):981–988, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-127>.

**Tanasschuk:1989:QQC**

- [2479] R. W. Tanasschuk and W. C. Mackay. Quantitative and qualitative characteristics of somatic and gonadal growth of yellow perch (*Perca flavescens*) from Lac Ste. Anne, Alberta. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):989–994, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-128>.

**Wanzenbock:1989:PDC**

- [2480] Josef Wanzenböck and Fritz Schiemer. Prey detection in cyprinids during early development. *Canadian Journal of Fisheries and Aquatic Sci-*



ences = *Journal canadien des sciences halieutiques et aquatiques*, 46(6):995–1001, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-129>.

**Fournier:1989:EFM**

- [2481] David A. Fournier and A. R. Warburton. Evaluating fisheries management models by simulated adaptive control — introducing the composite model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1002–1012, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-130>.

**Agbeti:1989:ULF**

- [2482] M. Agbeti and M. Dickman. Use of lake fossil diatom assemblages to determine historical changes in trophic status. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1013–1021, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-131>.

**Ryan:1989:CRF**

- [2483] P. M. Ryan and J. J. Kerekes. Correction of relative fish abundance estimates from catch data for variable fishing intensity during lake surveys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1022–1025, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-132>.

**Confer:1989:CPR**

- [2484] John L. Confer and Linda M. O’Bryan. Changes in prey rank and preference by young planktivores for short-term and long-term ingestion periods. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1026–1032, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-133>.

**El-Shaarawi:1989:MLE**

- [2485] A. H. El-Shaarawi and D. M. Dolan. Maximum likelihood estimation of water quality concentrations from censored data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1033–1039, June 1989. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-134>.

**Allard:1989:MCS**

- [2486] Martine Allard and Pamela M. Stokes. Mercury in crayfish species from thirteen Ontario lakes in relation to water chemistry and smallmouth bass (*Micropterus dolomieu*) mercury. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1040–1046, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-135>.

**Sebastien:1989:IMS**

- [2487] Robert J. Sebastien, Reinhart A. Brust, and David M. Rosenberg. Impact of methoxychlor on selected nontarget organisms in a riffle of the Souris River, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1047–1061, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-136>.

**Hiramatsu:1989:RMO**

- [2488] Kazuhiko Hiramatsu and Yukimasa Ishida. Random movement and orientation in pink salmon (*Oncorhynchus gorbuscha*) migrations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1062–1066, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-137>.

**Preall:1989:CAP**

- [2489] Richard J. Preall and Neil H. Ringler. Comparison of actual and potential growth rates of brown trout (*Salmo trutta*) in natural streams based on bioenergetic models. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1067–1076, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-138>.

**Anonymous:1989:LCLc**

- [2490] Anonymous. Letters and comments/lettres et commentaires. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(6):1077–1082, June 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-139>.

**Irvine:1989:PTS**

- [2491] J. R. Irvine and B. R. Ward. Patterns of timing and size of wild Coho salmon (*Oncorhynchus kisutch*) smolts migrating from the Keogh River watershed on Northern Vancouver Island. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1086–1094, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-140>.

**Likely:1989:CPD**

- [2492] C. G. Likely and M. D. B. Burt. Cultivation of *Pseudoterranova decipiens* (sealworm) from third-stage larvae to egg-laying adults in vitro. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1095–1096, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-141>.

**Stout:1989:ECT**

- [2493] R. Jean Stout. Effects of condensed tannins on leaf processing in mid-latitude and tropical streams: a theoretical approach. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1097–1106, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-142>.

**Hard:1989:GVO**

- [2494] Jeffrey J. Hard, Alex C. Wertheimer, and William F. Johnson. Geographic variation in the occurrence of red- and white-fleshed Chinook salmon (*Oncorhynchus tshawytscha*) in Western North America. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1107–1113, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-143>.

**Waltman:1989:DTP**

- [2495] W. Douglas Waltman II, Emmett B. Shotts, and Richard E. Wooley. Development and transfer of plasmid-mediated antimicrobial resistance in *Edwardsiella ictaluri*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1114–1117, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-144>.

**Gardner:1989:MFN**

- [2496] Wayne S. Gardner, Brian J. Eadie, Joann F. Chandler, Christopher C. Parrish, and John M. Malczyk. Mass flux and “Nutritional composition” of settling epilimnetic particles in Lake Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1118–1124, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-145>.

**Gauvin:1989:EFR**

- [2497] Jeffery M. Gauvin, Wayne S. Gardner, and Michael A. Quigley. Effects of food removal on nutrient release rates and lipid content of Lake Michigan *Pontoporeia hoyi*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1125–1130, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-146>.

**Bloom:1989:DPL**

- [2498] Nicolas Bloom. Determination of picogram levels of methylmercury by aqueous phase ethylation, followed by cryogenic gas chromatography with cold vapour atomic fluorescence detection. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1131–1140, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-147>.

**Ankley:1989:DLF**

- [2499] Gerald T. Ankley, Vicki S. Blazer, Steven M. Plakas, and Robert E. Reinert. Dietary lipid as a factor modulating xenobiotic metabolism in channel catfish (*Ictalurus punctatus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1141–1146, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-148>.

**Bigler:1989:MOF**

- [2500] Brian Bigler. Mechanism and occurrence of focal scale resorption among chum salmon (*Oncorhynchus keta*) of the North Pacific Ocean. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1147–1153, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-149>.

**Mallet:1989:GMS**

- [2501] A. L. Mallet and C. E. A. Carver. Growth, mortality, and secondary production in natural populations of the blue mussel, *Mytilus edulis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1154–1159, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-150>.

**Bacher:1989:CRT**

- [2502] C. Bacher and P. Gouletquer. Comparaison des relations trophiques de *Ruditapes philippinarum* en milieu estuarien et océanique à partir d'un modèle de croissance. (French) [Comparison of the trophic relationships of *Ruditapes philippinarum* in estuarine and oceanic environments using a growth model]. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1160–1170, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-151>.

**McCauley:1989:SRB**

- [2503] Edward McCauley, John A. Downing, and Susan Watson. Sigmoid relationships between nutrients and chlorophyll among lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1171–1175, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-152>.

**Prairie:1989:UNC**

- [2504] Yves T. Prairie, Carlos M. Duarte, and Jacob Kalff. Unifying nutrient–chlorophyll relationships in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1176–1182, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-153>.

**Peterman:1989:ASP**

- [2505] Randall M. Peterman. Application of statistical power analysis to the Oregon Coho salmon (*Oncorhynchus kisutch*) problem. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1183–1187, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-154>.

**Holtze:1989:LLP**

- [2506] K. E. Holtze and N. J. Hutchinson. Lethality of low pH and Al to early life stages of six fish species inhabiting PreCambrian Shield waters in Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1188–1202, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-155>.

**Bates:1989:PDN**

- [2507] S. S. Bates, C. J. Bird, A. S. W. de Freitas, R. Foxall, M. Gilgan, L. A. Hanic, G. R. Johnson, A. W. McCulloch, P. Odense, R. Pocklington, M. A. Quilliam, P. G. Sim, J. C. Smith, D. V. Subba Rao, E. C. D. Todd, J. A. Walter, and J. L. C. Wright. Pennate diatom *Nitzschia pungens* as the primary source of domoic acid, a toxin in shellfish from Eastern Prince Edward Island, Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1203–1215, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-156>.

**Mathews:1989:SOG**

- [2508] Stephen B. Mathews and Yukimasa Ishida. Survival, ocean growth, and ocean distribution of differentially timed releases of hatchery Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1216–1226, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-157>.

**Cooper:1989:STP**

- [2509] W. J. Cooper, D. R. S. Lean, and J. H. Carey. Spatial and temporal patterns of hydrogen peroxide in Lake Waters. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1227–1231, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-158>.

**Canfield:1989:FIA**

- [2510] Daniel E. Canfield, Jr., Edward Philips, and Carlos M. Duarte. Factors influencing the abundance of blue-green algae in Florida lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1232–1237, July 1989. CODEN

CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-159>.

**Simard:1989:MAE**

- [2511] Yvan Simard and David L. Mackas. Mesoscale aggregations of euphausiid sound scattering layers on the Continental Shelf of Vancouver Island. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1238–1249, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-160>.

**Ehlinger:1989:FMS**

- [2512] Timothy J. Ehlinger. Foraging mode switches in the golden shiner (*Notemigonus crysoleucas*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1250–1254, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-161>.

**Warwick:1989:MDL**

- [2513] W. F. Warwick. Morphological deformities in larvae of *Procladius* Skuse (Diptera: Chironomidae) and their biomonitoring potential. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(7):1255–1270, July 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-162>.

**Evans:1989:RAS**

- [2514] Geoffrey T. Evans. Rational approximations to solutions of the VPA equations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1274–1276, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-163>.

**Horne:1989:EFI**

- [2515] John K. Horne and Steven E. Campana. Environmental factors influencing the distribution of juvenile groundfish in nearshore habitats of Southwest Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1277–1286, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-164>.

**Xie:1989:PRM**

- [2516] Liusen Xie and William W. Hsieh. Predicting the return migration routes of the Fraser River sockeye salmon (*Oncorhynchus nerka*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1287–1292, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-165>.

**Bothwell:1989:PLG**

- [2517] Max L. Bothwell. Phosphorus-limited growth dynamics of lotic periphytic diatom communities: Areal biomass and cellular growth rate responses. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1293–1301, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-166>.

**Koslow:1989:MNV**

- [2518] J. Anthony Koslow. Managing nonrandomly varying fisheries. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1302–1308, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-167>.

**Dixit:1989:LAR**

- [2519] Sushil S. Dixit, Aruna S. Dixit, and John P. Smol. Lake acidification recovery can be monitored using chrysophycean microfossils. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1309–1312, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-168>.

**Charles:1989:BSE**

- [2520] Anthony T. Charles. Bio-socio-economic fishery models: Labour dynamics and multi-objective management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1313–1322, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-169>.

**Fox:1989:EPD**

- [2521] Michael G. Fox. Effect of prey density and prey size on growth and survival of juvenile walleye (*Stizostedion vitreum vitreum*). *Canadian*



*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1323–1328, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-170>.

**Ciborowski:1989:FID**

- [2522] Jan J. H. Ciborowski and Douglas A. Craig. Factors influencing dispersion of larval black flies (Diptera: Simuliidae): Effects of current velocity and food concentration. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1329–1341, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-171>.

**Thorp:1989:FPN**

- [2523] James H. Thorp, Lawrence D. Goldsmith, John A. Polgreen, and Lynn M. Mayer. Foraging patterns of nesting and nonnesting sunfish (Centrarchidae: *Lepomis auritus* and *L. gibbosus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1342–1346, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-172>.

**Cederholm:1989:FCS**

- [2524] C. J. Cederholm, D. B. Houston, D. L. Cole, and W. J. Scarlett. Fate of Coho salmon (*Oncorhynchus kisutch*) carcasses in spawning streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1347–1355, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-173>.

**Hilborn:1989:MTD**

- [2525] Ray Hilborn. Models of tag dynamics with exchange between available and unavailable populations. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1356–1366, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-174>.

**Lleonart:1989:DAC**

- [2526] Jordi Lleonart and Jordi Salat. A dynamic approach to catch–effort data analysis using a new concept: the inertia of the stock. *Canadian*

*Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1367–1374, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-175>.

**Reiter:1989:DBA**

- [2527] Michael A. Reiter. Development of benthic algal assemblages subjected to differing near-substrate hydrodynamic regimes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1375–1382, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-176>.

**Thedinga:1989:ELS**

- [2528] John F. Thedinga, Michael L. Murphy, Jonathan Heifetz, K. V. Koski, and Scott W. Johnson. Effects of logging on size and age composition of juvenile Coho salmon (*Oncorhynchus kisutch*) and density of presmolts in Southeast Alaska streams. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1383–1391, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-177>.

**Bailey:1989:STV**

- [2529] Robert C. Bailey and Roger H. Green. Spatial and temporal variation in a population of freshwater mussels in Shell Lake, N.W.T. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1392–1395, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-178>.

**Holtby:1989:STI**

- [2530] L. Blair Holtby, Thomas E. McMahon, and J. Charles Scrivener. Stream temperatures and inter-annual variability in the emigration timing of Coho salmon (*Oncorhynchus kisutch*) smolts and fry and chum salmon (*O. Keta*) fry from Carnation Creek, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1396–1405, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-179>.

**Swain:1989:DMB**

- [2531] Douglas P. Swain and L. Blair Holtby. Differences in morphology and behavior between juvenile Coho salmon (*Oncorhynchus kisutch*) rearing in a lake and in its tributary stream. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1406–1414, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-180>.

**Purcell:1989:PFL**

- [2532] Jennifer E. Purcell. Predation on fish larvae and eggs by the hydromedusa *Aequorea victoria* at a herring spawning ground in British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1415–1427, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-181>.

**Trites:1989:EJS**

- [2533] Andrew W. Trites. Estimating the juvenile survival rate of male northern fur seals (*Callorhinus ursinus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1428–1436, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-182>.

**Trites:1989:DFP**

- [2534] Andrew W. Trites and Peter A. Larkin. The decline and fall of the Pribilof fur seal (*Callorhinus ursinus*): a simulation study. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1437–1445, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-183>.

**Bentzen:1989:MDP**

- [2535] Paul Bentzen, Gregory C. Brown, and William C. Leggett. Mitochondrial DNA polymorphism, population structure, and life history variation in American shad (*Alosa sapidissima*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1446–1454, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-184>.

**Munkittrick:1989:UWS**

- [2536] K. R. Munkittrick and D. G. Dixon. Use of white sucker (*Catostomus commersoni*) populations to assess the health of aquatic ecosystems exposed to low-level contaminant stress. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1455–1462, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-185>.

**Anonymous:1989:CRPb**

- [2537] Anonymous. Corrections to recent publications/Corrections sur récentes publications. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(8):1463, August 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-186>.

**Cunjak:1989:DME**

- [2538] R. A. Cunjak, E. M. P. Chadwick, and M. Shears. Downstream movements and estuarine residence by Atlantic salmon parr (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1466–1471, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-187>.

**Nielsen:1989:SPF**

- [2539] O. Nielsen, R. K. Kelly, W. R. Lillie, J. W. Clayton, R. S. Fujioka, and B. S. Yoneyama. Some properties of a finite cell line from beluga whale (*Delphinapterus leucas*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1472–1477, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-188>.

**Lokkeborg:1989:RCG**

- [2540] Svein Løkkeborg, Åsmund Bjordal, and Anders Fernö. Responses of cod (*Gadus morhua*) and haddock (*Melanogrammus aeglefinus*) to baited hooks in the natural environment. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1478–1483, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-189>.

**Scrudato:1989:UTM**

- [2541] Ronald J. Scrudato and William H. McDowell. Upstream transport of mirex by migrating salmonids. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1484–1488, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-190>.

**Plante:1989:PFI**

- [2542] Céline Plante and John A. Downing. Production of freshwater invertebrate populations in lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1489–1498, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-191>.

**Haefner:1989:ELP**

- [2543] James W. Haefner and Linda C. Abbott. Extrapolation of laboratory pH dose–response data to fluctuating environments: Comparisons with a null model. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1499–1509, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-192>.

**Hanson:1989:SDM**

- [2544] John Mark Hanson, E. E. Prepas, and William C. Mackay. Size distribution of the macroinvertebrate community in a freshwater lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1510–1519, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-193>.

**Williams:1989:ECD**

- [2545] D. Dudley Williams and Kathryn A. Moore. Environmental complexity and the drifting behaviour of a running water amphipod. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1520–1530, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-194>.

**Trippel:1989:LTS**

- [2546] Edward A. Trippel and F. William H. Beamish. Lake trout (*Salvelinus namaycush*) growth potential predicted from cisco (*Coregonus artedii*) population structure and conductivity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1531–1538, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-195>.

**Boisclair:1989:APVc**

- [2547] D. Boisclair and W. C. Leggett. Among-population variability of fish growth: III. Influence of fish community. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1539–1550, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-196>.

**McMahon:1989:ICC**

- [2548] Thomas E. McMahon and Gordon F. Hartman. Influence of cover complexity and current velocity on winter habitat use by juvenile Coho salmon (*Oncorhynchus kisutch*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1551–1557, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-197>.

**Wagemann:1989:CHM**

- [2549] R. Wagemann. Comparison of heavy metals in two groups of ringed seals (*Phoca hispida*) from the Canadian Arctic. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1558–1563, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-198>.

**Jessop:1989:EHS**

- [2550] B. M. Jessop and W. E. Anderson. Effects of heterogeneity in the spatial and temporal pattern of juvenile alewife (*Alosa pseudoharengus*) and blueback herring (*A. aestivalis*) density on estimation of an index of abundance. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1564–1574, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-199>.

**Feltmate:1989:IRT**

- [2551] Blair W. Feltmate and D. Dudley Williams. Influence of rainbow trout (*Oncorhynchus mykiss*) on density and feeding behaviour of a perlid stonefly. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1575–1580, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-200>.

**Craig:1989:RCW**

- [2552] J. F. Craig and J. A. Babaluk. Relationship of condition of walleye (*Stizostedion vitreum*) and northern pike (*Esox lucius*) to water clarity, with special reference to Dauphin Lake, Manitoba. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1581–1586, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-201>.

**Hebert:1989:EGS**

- [2553] Paul D. N. Hebert, B. W. Muncaster, and G. L. Mackie. Ecological and genetic studies on *Dreissena polymorpha* (Pallas): a new mollusc in the Great Lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1587–1591, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-202>.

**Bernard:1989:UEC**

- [2554] F. R. Bernard. Uptake and elimination of coliform bacteria by four marine bivalve mollusks. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1592–1599, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-203>.

**Smith:1989:MSD**

- [2555] Barry D. Smith and Glen S. Jamieson. A model for standardizing Dungeness crab (*Cancer magister*) catch rates among traps which experienced different soak times. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1600–1608, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-204>.

**Smith:1989:EMM**

- [2556] Barry D. Smith and Glen S. Jamieson. Exploitation and mortality of male Dungeness crabs (*Cancer magister*) near Tofino, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1609–1614, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-205>.

**Thorrold:1989:AOM**

- [2557] Simon R. Thorrold and David McB. Williams. Analysis of otolith microstructure to determine growth histories in larval cohorts of a tropical herring (*Herklotsichthys castelnaui*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1615–1624, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-206>.

**Karnofsky:1989:BRL**

- [2558] Elisa B. Karnofsky and Holly J. Price. Behavioural response of the lobster *Homarus americanus* to traps. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1625–1632, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-207>.

**Chambers:1989:EAA**

- [2559] R. Christopher Chambers and William C. Leggett. Event analysis applied to timing in marine fish ontogeny. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1633–1641, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-208>.

**Helgen:1989:LMV**

- [2560] J. C. Helgen. Larval mosquitoes as vulnerable prey: *Chaoborus* predation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(9):1642–1650, September 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-209>.



**Miller:1989:CAL**

- [2561] Robert J. Miller. Catchability of American lobsters (*Homarus americanus*) and rock crabs (*Cancer irroratus*) by traps. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1652–1657, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-210>.

**Molot:1989:FAA**

- [2562] Lewis A. Molot, P. J. Dillon, and B. D. LaZerte. Factors affecting alkalinity concentrations of streamwater during snowmelt in Central Ontario. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1658–1666, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-211>.

**Dixit:1989:RBC**

- [2563] Sushil S. Dixit, Aruna S. Dixit, and John P. Smol. Relationship between chrysophyte assemblages and environmental variables in seventy-two Sudbury lakes as examined by canonical correspondence analysis (CCA). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1667–1676, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-212>.

**Murphy:1989:HUI**

- [2564] Michael L. Murphy, Jonathan Heifetz, John F. Thedinga, Scott W. Johnson, and K. V. Koski. Habitat utilization by juvenile Pacific salmon (*Onchorynchus*) in the glacial Taku River, Southeast Alaska. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1677–1685, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-213>.

**Mendelssohn:1989:TSD**

- [2565] Roy Mendelssohn and Philippe Cury. Temporal and spatial dynamics of a coastal pelagic species, *Sardinella maderensis* off the Ivory Coast. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1686–1697, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-214>.

**Swamikannu:1989:ESG**

- [2566] Xavier Swamikannu and Kyle D. Hoagland. Effects of snail grazing on the diversity and structure of a periphyton community in a eutrophic pond. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1698–1704, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-215>.

**Vainola:1989:MDE**

- [2567] Risto Väinölä and Sirkka-Liisa Varvio. Molecular divergence and evolutionary relationships in *Pontoporeia* (Crustacea: Amphipoda). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1705–1713, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-216>.

**Bousfield:1989:RMR**

- [2568] E. L. Bousfield. Revised morphological relationships within the amphipod genera *Pontoporeia* and *Gammaracanthus* and the “Glacial Relict” significance of their postglacial distributions. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1714–1725, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-217>.

**Williams:1989:ENE**

- [2569] E. M. Williams and F. B. Eddy. Effect of nitrite on the embryonic development of Atlantic salmon (*Salmo salar*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1726–1729, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-218>.

**Yamashita:1989:SGC**

- [2570] S. Yamashita, R. E. Evans, and Toshiaki J. Hara. Specificity of the gustatory chemoreceptors for CO<sub>2</sub> and H<sup>+</sup> in rainbow trout (*Oncorhynchus mykiss*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1730–1734, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-219>.

**Mazumder:1989:EFP**

- [2571] Asit Mazumder, W. D. Taylor, D. J. McQueen, and D. R. S. Lean. Effects of fertilization and planktivorous fish on epilimnetic phosphorus and phosphorus sedimentation in large enclosures. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1735–1742, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-220>.

**Carscadden:1989:CMV**

- [2572] J. E. Carscadden, K. T. Frank, and D. S. Miller. Capelin (*Mallotus villosus*) spawning on the southeast shoal: Influence of physical factors past and present. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1743–1754, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-221>.

**Krantzberg:1989:AEN**

- [2573] G. Krantzberg. Accumulation of essential and nonessential metals by chironomid larvae in relation to physical and chemical properties of the elements. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1755–1761, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-222>.

**Koeller:1989:FEJ**

- [2574] P. A. Koeller, L. Coates-Markle, and J. D. Neilson. Feeding ecology of juvenile (age-0) silver hake (*Merluccius bilinearis*) on the Scotian Shelf. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1762–1768, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-223>.

**Bunn:1989:SIA**

- [2575] Stuart E. Bunn, David R. Barton, H. B. Noel Hynes, Geoffrey Power, and Mark A. Pope. Stable isotope analysis of carbon flow in a tundra river system. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1769–1775, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-224>.

**Ware:1989:BBM**

- [2576] D. M. Ware and R. W. Tanasichuk. Biological basis of maturation and spawning waves in Pacific herring (*Clupea harengus pallasii*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1776–1784, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-225>.

**Morin:1989:CME**

- [2577] Antoine Morin, Christian Back, Jacques Boisvert, and Robert H. Peters. A conceptual model for the estimation of the sensitivity of black fly larvae to *Bacillus thuringiensis* var. *israelensis*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1785–1792, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-226>.

**Welch:1989:SDI**

- [2578] Harold E. Welch and Martin A. Bergmann. Seasonal development of ice algae and its prediction from environmental factors near Resolute, N.W.T., Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1793–1804, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-227>.

**Poff:1989:ISV**

- [2579] N. LeRoy Poff and J. V. Ward. Implications of streamflow variability and predictability for lotic community structure: a regional analysis of streamflow patterns. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1805–1818, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-228>.

**Mohr:1989:ESS**

- [2580] Michael S. Mohr and David G. Hankin. Estimation of size-specific molting probabilities in adult decapod crustaceans based on postmolt indicator data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1819–1830, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-229>.

**Thompson:1989:DSR**

- [2581] Keith R. Thompson and Fred H. Page. Detecting synchrony of recruitment using short, autocorrelated time series. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(10):1831–1838, October 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-230>.

**Campbell:1989:DAL**

- [2582] Alan Campbell. Dispersal of American lobsters, *Homarus americanus*, tagged off Southern Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1842–1844, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-231>.

**Cochran:1989:MFP**

- [2583] Philip A. Cochran and James F. Kitchell. A model of feeding by parasitic lampreys. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1845–1852, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-232>.

**Ward:1989:SBS**

- [2584] B. R. Ward, P. A. Slaney, A. R. Facchin, and R. W. Land. Size-biased survival in steelhead trout (*Oncorhynchus mykiss*): Back-calculated lengths from adults' scales compared to migrating smolts at the Keogh River, British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1853–1858, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-233>.

**Boisclair:1989:IAB**

- [2585] D. Boisclair and W. C. Leggett. The importance of activity in bioenergetics models applied to actively foraging fishes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1859–1867, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-234>.

**Fraser:1989:TCC**

- [2586] Angus J. Fraser. Triacylglycerol content as a condition index for fish, bivalve, and crustacean larvae. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1868–1873, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-235>.

**Stock:1989:EBE**

- [2587] Marsha S. Stock and Amelia K. Ward. Establishment of a bedrock epilithic community in a small stream: Microbial (algal and bacterial) metabolism and physical structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1874–1883, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-236>.

**Radtke:1989:LFA**

- [2588] Richard L. Radtke. Larval fish age, growth, and body shrinkage: Information available from otoliths. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1884–1894, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-237>.

**Geraci:1989:HWM**

- [2589] Joseph R. Geraci, Donald M. Anderson, Ralph J. Timperi, David J. St. Aubin, Gregory A. Early, John H. Prescott, and Charles A. Mayo. Humpback whales (*Megaptera novaeangliae*) fatally poisoned by dinoflagellate toxin. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1895–1898, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-238>.

**Neilson:1989:MSR**

- [2590] John D. Neilson and W. R. Bowering. Minimum size regulations and the implications for yield and value in the Canadian Atlantic halibut (*Hippoglossus hippoglossus*) fishery. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1899–1903, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-239>.

**Rose:1989:IEG**

- [2591] G. A. Rose and W. C. Leggett. Interactive effects of geophysically-forced sea temperatures and prey abundance on mesoscale coastal distributions of a marine predator, Atlantic cod (*Gadus morhua*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1904–1913, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-240>.

**Buck:1989:MCW**

- [2592] John D. Buck, L. Louise Shepard, Patricia M. Bubucis, Stephen Spotte, Kate McClave, and Robert A. Cook. Microbiological characteristics of white whale (*Delphinapterus leucas*) from capture through extended captivity. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1914–1921, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-241>.

**Carrick:1989:BSS**

- [2593] Hunter J. Carrick and Gary L. Fahnenstiel. Biomass, size structure, and composition of phototrophic and heterotrophic nanoflagellate communities in Lakes Huron and Michigan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1922–1928, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-242>.

**Eilers:1989:CCA**

- [2594] J. M. Eilers, G. E. Glass, A. K. Pollack, and J. A. Sorensen. Changes in conductivity, alkalinity, calcium, and pH during a 50-year period in selected Northern Wisconsin lakes. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1929–1944, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsciencepub.com/doi/full/10.1139/f89-243>.

**Okamoto:1989:GCS**

- [2595] Hiroaki Okamoto. A genetic comparison of sympatric populations of sand lance (genus *Ammodytes*) from the region east of Cape Soya, Japan. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1945–1951, November

1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-244>.

**Dabrowski:1989:AAA**

- [2596] K. Dabrowski and G. Köck. Absorption of ascorbic acid and ascorbic sulfate and their interaction with minerals in the digestive tract of rainbow trout (*Oncorhynchus mykiss*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1952–1957, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-245>.

**Post:1989:SDO**

- [2597] John R. Post and David O. Evans. Size-dependent overwinter mortality of young-of-the-year yellow perch (*Perca flavescens*): Laboratory, in situ enclosure, and field experiments. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1958–1968, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-246>.

**Walters:1989:VST**

- [2598] Carl J. Walters. Value of short-term forecasts of recruitment variation for harvest management. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1969–1976, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-247>.

**Sandheinrich:1989:SCE**

- [2599] Mark B. Sandheinrich and Gary J. Atchison. Sublethal copper effects on bluegill, *Lepomis macrochirus*, foraging behavior. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1977–1985, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-248>.

**Saenger:1989:BNS**

- [2600] R. Alfred Saenger. Bivariate normal swimbladder size allometry models and allometric exponents for 38 mesopelagic swimbladdered fish species commonly found in the North Sargasso Sea. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):1986–2002, November 1989. CODEN



CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-249>.

**Lacroix:1989:PJA**

- [2601] Gilles L. Lacroix. Production of juvenile Atlantic salmon (*Salmo salar*) in two acidic rivers of Nova Scotia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):2003–2018, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-250>.

**Parrish:1989:MSS**

- [2602] R. H. Parrish, R. Serra, and W. S. Grant. The monotypic sardines, *Sardina* and *Sardinops*: Their taxonomy, distribution, stock structure, and zoogeography. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):2019–2036, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-251>.

**Anonymous:1989:LCLd**

- [2603] Anonymous. Letter and comment/lettre et commentaire. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(11):2037–2044, November 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-252>.

**Noakes:1989:NAG**

- [2604] D. J. Noakes. A nonparametric approach to generating inseason forecasts of salmon returns. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2046–2055, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-253>.

**Nero:1989:CPA**

- [2605] R. W. Nero and J. J. Magnuson. Characterization of patches along transects using high-resolution 70-kHz integrated acoustic data. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2056–2064, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-254>.

**Spotte:1989:PCC**

- [2606] Stephen Spotte and Gary Anderson. Plasma cortisol changes in seawater-adapted mummichogs (*Fundulus heteroclitus*) exposed to ammonia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2065–2069, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-255>.

**Kugel:1989:PF**

- [2607] B. Kügel and R. H. Peterson. Perivitelline fluid pH of rainbow trout (*Oncorhynchus mykiss*) eggs in relation to ambient pH. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2070–2073, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-256>.

**Ward:1989:CAM**

- [2608] Robert D. Ward, Neil Billington, and Paul D. N. Hebert. Comparison of allozyme and mitochondrial DNA variation in populations of walleye, *Stizostedion vitreum*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2074–2084, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-257>.

**Lambert:1989:SDG**

- [2609] Timothy C. Lambert and Shoukry N. Messieh. Spawning dynamics of Gulf of St. Lawrence herring (*Clupea harengus*). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2085–2094, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-258>.

**Wahl:1989:CVT**

- [2610] David H. Wahl and Roy A. Stein. Comparative vulnerability of three esocids to largemouth bass (*Micropterus salmoides*) predation. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2095–2103, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-259>.

**Raymond:1989:FRS**

- [2611] James A. Raymond. Freezing resistance in some northern populations of Pacific herring, *Clupea harengus pallasii*. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2104–2107, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-260>.

**Wood:1989:ISS**

- [2612] Chris C. Wood, Dennis T. Rutherford, and Skip McKinnell. Identification of sockeye salmon (*Oncorhynchus nerka*) stocks in mixed-stock fisheries in British Columbia and Southeast Alaska using biological markers. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2108–2120, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-261>.

**Wood:1989:USD**

- [2613] Chris C. Wood. Utility of similarity dendrograms in stock composition analysis. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2121–2128, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-262>.

**Lapointe:1989:TFM**

- [2614] Michael F. Lapointe, Randall M. Peterman, and Alec D. MacCall. Trends in fishing mortality rate along with errors in natural mortality rate can cause spurious time trends in fish stock abundances estimated by virtual population analysis (VPA). *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2129–2139, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-263>.

**Leatherland:1989:THC**

- [2615] J. F. Leatherland, L. Lin, N. E. Down, and E. M. Donaldson. Thyroid hormone content of eggs and early developmental stages of five *Oncorhynchus* species. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2140–2145, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-264>.

**Leatheland:1989:THC**

- [2616] J. F. Leatheland, L. Lin, N. E. Down, and E. M. Donaldson. Thyroid hormone content of eggs and early developmental stages of three stocks of goitred Coho salmon (*Oncorhynchus kisutch*) from the Great Lakes of North America, and a comparison with a stock from British Columbia. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2146–2152, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-265>.

**McDonald:1989:SSL**

- [2617] Michael E. McDonald and Anne E. Hershey. Size structure of a lake trout (*Salvelinus namaycush*) population an Arctic lake: Influence of angling and implications for fish community structure. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2153–2156, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-266>.

**Ferraro:1989:PCE**

- [2618] Steven P. Ferraro, Faith A. Cole, Waldemar A. DeBen, and Richard C. Swartz. Power-cost efficiency of eight macrobenthic sampling schemes in Puget Sound, Washington, USA. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2157–2165, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-267>.

**Kessler:1989:PPTa**

- [2619] T. A. Kessler and T. R. Parsons. Primary production in a tidally energetic fjord: Evidence of seasonal and inter-annual tidal forcing. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2166–2172, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-268>.

**Kessler:1989:PPTb**

- [2620] T. A. Kessler and T. R. Parsons. Primary production in a tidally energetic fjord: Environmental forcing of vertical phytoplankton distribution. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2173–2183, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-269>.

**Parks:1989:WCM**

- [2621] J. W. Parks, A. Lutz, and J. A. Sutton. Water column methylmercury in the Wabigoon/English River–Lake system: Factors controlling concentrations, speciation, and net production. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2184–2202, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-270>.

**Hail:1989:PPP**

- [2622] Donald J. Hail and Timothy J. Ehlinger. Perturbation planktivory, and pelagic community structure: The consequence of winterkill in a small lake. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2203–2209, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-271>.

**Randall:1989:ESA**

- [2623] R. G. Randall. Effect of sea-age on the reproductive potential of Atlantic salmon (*Salmo salar*) in Eastern Canada. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2210–2218, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-272>.

**Mitchell:1989:NCL**

- [2624] Edward D. Mitchell. A new cetacean from the Late Eocene La Meseta Formation Seymour Island, Antarctic Peninsula. *Canadian Journal of Fisheries and Aquatic Sciences = Journal canadien des sciences halieutiques et aquatiques*, 46(12):2219–2235, December 1989. CODEN CJFSDX. ISSN 0706-652X (print), 1205-7533 (electronic). URL <https://cdnsiencepub.com/doi/full/10.1139/f89-273>.