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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: <https://www.math.utah.edu/~beebe/>

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## Title word cross-reference

$\gamma\gamma$  [ACRB22].  $F_1$  [BDHP20].  $\times$  [HBT+21, NLK21].  $W_s$   
[BBFQ21, BBMC23, GBJ21, MRW+24].

**10-Year** [LKP+21]. **12-mm** [TRB+21]. **19** [AWRL23, LTL+23, TBG+22].

**2021** [Ano22a, SK23].

**4-Year** [BOB+21]. **41** [Ano22a]. **4th** [CP21a].

**8-** [TRB+21].

**9-** [TRB+21].

**Abandoned** [MSP+22]. **Abiotic** [AWF23, CH22, PO22, BHB+23]. **above**

[JJD<sup>+</sup>23]. **Absolute** [GRM<sup>+</sup>21]. **Abundance** [BCS<sup>+</sup>21, BGH<sup>+</sup>20, BHT<sup>+</sup>21, BWM22, CBLW21, CH22, CWB<sup>+</sup>21, CDBC22, GRM<sup>+</sup>21, GGWV22, HQWD20, HDQ22, Kep21, MBW21, MSLP22, Mic20a, MSV<sup>+</sup>21, MST22, PS21, PA21, PREBK22, RAHS20, SSS<sup>+</sup>22, SMP<sup>+</sup>21, EPD<sup>+</sup>24]. **Acceleration** [LDH<sup>+</sup>22]. **Acceleration-Logging** [LDH<sup>+</sup>22]. **Accessibility** [CLTJ21]. **Acclimated** [CLBL22]. **Accuracy** [Har20, MCB20, MS22, ORL<sup>+</sup>22]. **Accurately** [EMRK20, LSB<sup>+</sup>21, SHI22]. **Achieve** [MBW21, SLZ<sup>+</sup>20]. **Achieving** [PST<sup>+</sup>20]. **Acidic** [HKPP20]. **Acknowledgments** [Ano20g, Ano21i, Ano22h, Ano23h]. **Acoustic** [CHJ<sup>+</sup>22, CCL<sup>+</sup>22, HYM<sup>+</sup>22, KHL<sup>+</sup>24, MWR21, SGK<sup>+</sup>22, GWRF24, SLD<sup>+</sup>23]. **across** [PFGE23, PHW<sup>+</sup>23, RSM<sup>+</sup>23, WMB23]. **Action** [BGC<sup>+</sup>21]. **Actions** [Mun22, STB<sup>+</sup>21]. **Active** [MSL<sup>+</sup>20, RPEF<sup>+</sup>23]. **Actively** [WSK<sup>+</sup>22]. **Activities** [HSW21]. **Activity** [YZJ<sup>+</sup>21, SLD<sup>+</sup>23]. **Actual** [MSP<sup>+</sup>22]. **Acute** [GRA<sup>+</sup>22]. **Adaptation** [BBB<sup>+</sup>21]. **Adaptive** [TJ22]. **addition** [SSR<sup>+</sup>24]. **additives** [LHB<sup>+</sup>24]. **Adfluvial** [MBW21]. **Adjust** [PHG<sup>+</sup>23]. **admixture** [LOV<sup>+</sup>23]. **Adult** [BR21, CVD<sup>+</sup>20, DPR<sup>+</sup>20, DRPW21, EPB<sup>+</sup>22, FM20, HRS<sup>+</sup>20, IPZK21, KNC<sup>+</sup>20, KES<sup>+</sup>21, KJB<sup>+</sup>22, MR21b, PTFZ23, PST<sup>+</sup>20, RCD22, SFFW21, WRH<sup>+</sup>21, CEB<sup>+</sup>23, Gep23, HLJ<sup>+</sup>23, LCVS23, MMSJ23, YBB<sup>+</sup>23]. **Advanced** [TPPC20]. **Advanced-Fingerlings** [TPPC20]. **Advancement** [MS21a]. **Advances** [SGK<sup>+</sup>22, SDB<sup>+</sup>20]. **Aerial** [KDM<sup>+</sup>23, TVG<sup>+</sup>21]. **Affect** [BWM22, HRS<sup>+</sup>20, KJB<sup>+</sup>22, MSP21, CBKH23, KPD<sup>+</sup>24, SWA<sup>+</sup>24, SMB23]. **Affecting** [AWF23, HAP<sup>+</sup>22, HEP<sup>+</sup>23, KMS21, PO22, SMP<sup>+</sup>21, ZWBS21]. **Affiliated** [CSQ<sup>+</sup>21]. **after** [BAH<sup>+</sup>20]. **Age** [AWF23, BGH<sup>+</sup>20, CLM20, DAS20, DKEI20, DMBC23, ESCI21, GBJ<sup>+</sup>22, GW20, GW21, HNM<sup>+</sup>22, Har20, HMQM22, HGSS20, HJBP20, HMO<sup>+</sup>21, KBC<sup>+</sup>20, KSPP22, LCF20, LSSB23, LMO21, MVH<sup>+</sup>22, MNA<sup>+</sup>20, Mic20b, MCB20, ORL<sup>+</sup>22, PG20, RCD20, SB21a, SHI22, SSPL20, WWK<sup>+</sup>23, KHBF24, PHW<sup>+</sup>23]. **Age-0** [AWF23, BGH<sup>+</sup>20, DKEI20, ESCI21, GBJ<sup>+</sup>22, GW20, GW21, KSPP22, LCF20, SSPL20, WWK<sup>+</sup>23]. **Age-Based** [HNM<sup>+</sup>22]. **Age-Specific** [RCD20]. **Age-Structured** [HMO<sup>+</sup>21]. **Agencies** [GDS<sup>+</sup>22]. **Agents** [CGD<sup>+</sup>21]. **Ages** [DMBC23, IPZK21, RCD22]. **Aggregate** [NMBM21, ZLM21]. **Aggregations** [WGKB20]. **Aging** [PSW23]. **Agricultural** [NHC<sup>+</sup>20]. **Aid** [HCP<sup>+</sup>23]. **Alabama** [LEHP21, AP20, BS21, ECC22, LSB<sup>+</sup>21, LEHP21, PJD<sup>+</sup>21, SDL<sup>+</sup>23, SDR24]. **Alaska** [CLSM20, CFHS22, HG22, JWG<sup>+</sup>21, MBP<sup>+</sup>22, SFFW21]. **Alaskan** [AFBRS22, CFCN20]. **Albemarle** [MWR21]. **Alberta** [MWASW20, PCM<sup>+</sup>21, RM21]. **Alewife** [SLD<sup>+</sup>23, SBB23, WSG<sup>+</sup>23]. **Alligator** [AKC20, AP20, BS20, DAS20, HDH<sup>+</sup>20, KDB<sup>+</sup>20, LBH21, LSP20, SDB<sup>+</sup>20, SBD<sup>+</sup>20, SLP20, SSSP22, TLSP20]. **along** [AWG<sup>+</sup>20, LCIL23b]. **Alter** [SDL<sup>+</sup>23]. **Altered** [HSP21]. **Alternative** [BTZ<sup>+</sup>21, PS21]. **Amberjack** [GRM<sup>+</sup>21]. **America** [HRK<sup>+</sup>22, LCM<sup>+</sup>23, WAKO21]. **American** [SGM<sup>+</sup>20, BIE<sup>+</sup>22, CBLW21, CVD<sup>+</sup>20, CWB<sup>+</sup>21, MWR21,

MR21a, MGMP21, MBW21, MWMH22, MSD<sup>+</sup>22, SWJ<sup>+</sup>21]. **among** [AWO21, EPD<sup>+</sup>24, GvRSS21, HSP21, HMO<sup>+</sup>21, MML<sup>+</sup>22, WA23]. **Anadromous** [CLM20, TCB<sup>+</sup>21]. **Anal** [MCB20]. **Analysis** [CFCN20, DH21, FLW21, HRS<sup>+</sup>20, KFG22, KDB<sup>+</sup>20, MBP<sup>+</sup>22, Mun22, RGHF23, SSPL20, SHFP20, ZJL<sup>+</sup>21, vPM20, ACGF23, LOV<sup>+</sup>23]. **Analyzing** [SHFP20]. **Anchor** [SPSH20]. **Ancient** [LHB<sup>+</sup>23]. **Anesthesia** [LL21]. **Anesthetic** [KS20]. **Angled** [CRH<sup>+</sup>22, TCL<sup>+</sup>21, MLB<sup>+</sup>23]. **Angler** [BM20, CLTJ21, CM22, ERT21, GET22, GGW21, JOH<sup>+</sup>22, KQS<sup>+</sup>20, MAB<sup>+</sup>20, Mun22, PWLH21, PHG<sup>+</sup>23, SDF<sup>+</sup>21, TPC<sup>+</sup>22, TBIJ21, vPM20, NKG23, SSM<sup>+</sup>24, YBH24]. **Anglers** [GvRSS21, HBT<sup>+</sup>21, KBDA21, MML<sup>+</sup>22, STB<sup>+</sup>21, RR23]. **Angling** [BDC22, CR23, ERT21, KS21, MKC<sup>+</sup>23, MDA21, SLG<sup>+</sup>23, SGH<sup>+</sup>21, SCP<sup>+</sup>23, SMB23]. **Anguilla** [SLL<sup>+</sup>21]. **Animals** [HIF21]. **Annual** [ASDW23, GLSF21]. **Annuli** [BS20]. **Anodic** [BD22]. **Antenna** [FPR20]. **Antennas** [OTBB23, ZWBS21]. **antipodarum** [GET22]. **Appalachian** [HKPP20, SHWW22]. **Apparent** [FDG<sup>+</sup>21]. **Application** [CSLW22, CGD<sup>+</sup>21, FLW21, JSH<sup>+</sup>21, KDM<sup>+</sup>23, RMB<sup>+</sup>20, CEC<sup>+</sup>24, LKD23, RAH<sup>+</sup>23]. **Applications** [DMBC23]. **Applied** [FB20, RAB<sup>+</sup>20]. **Applying** [RJ22]. **Apportioning** [HL23]. **Approach** [BBB<sup>+</sup>21, CVD<sup>+</sup>20, HSTH20, ZJL<sup>+</sup>21, PTFZ23]. **Approaches** [CLM20, FJH<sup>+</sup>22, PS21, SLE21, SCW<sup>+</sup>24]. **Aquatic** [BBO20, CBS21, GK21, HIF21, HMB21, KR23, HWCS24]. **Arctic** [GBJ21, HYM<sup>+</sup>22, MRK<sup>+</sup>22, MRM<sup>+</sup>21, RM21, SYHF24, SCDS23]. **Areas** [HGM22, SFFW21]. **Arizona** [BM20, HSS<sup>+</sup>20, HGMR21, NLB21, SPY<sup>+</sup>20]. **Arkansas** [RKP<sup>+</sup>22, EP21]. **armored** [AMR<sup>+</sup>23]. **Arrays** [ZWBS21]. **Artificial** [BCW<sup>+</sup>21, JCB<sup>+</sup>21, PBD<sup>+</sup>22]. **Artisanal** [QBA21]. **Assay** [Ano22a, WPGC21]. **Assemblage** [HGMR21, Rac21, SBF<sup>+</sup>23]. **Assemblages** [CSQ<sup>+</sup>21, RMWK23, SDL<sup>+</sup>23, YZJ<sup>+</sup>21]. **Assess** [AKC20, MLB21]. **Assessed** [DAS20, LTB<sup>+</sup>22, MRK<sup>+</sup>22]. **Assessing** [ERCB22, Har20, HBBS22, MBF<sup>+</sup>23, NHC<sup>+</sup>20, PTCZ22, SDR24, SKWR23, SFFW21, SW22]. **Assessment** [BAH<sup>+</sup>20, FM20, FB20, GKRH21, HCC<sup>+</sup>21, HSW21, HCM<sup>+</sup>22, RAB<sup>+</sup>20, RLS<sup>+</sup>23, RRL<sup>+</sup>21, SLE21, WD21, BSR<sup>+</sup>23, HCO<sup>+</sup>24]. **Assessments** [CP21b]. **Assign** [LLA<sup>+</sup>22]. **Assigning** [DMBC23, RMB<sup>+</sup>20]. **Associated** [BFLI22, GRA<sup>+</sup>22, HTH<sup>+</sup>21, HJBP20, LSB<sup>+</sup>21, PREBK22, SVS<sup>+</sup>21]. **Associations** [CP21b, HDQ22, RMR<sup>+</sup>22, WD21]. **Atlantic** [OS20, AS20, BPL<sup>+</sup>21, BSKSK24, FHK23, GSML23, HLDK21, HWCS24, HL23, Kep21, LOC23, MGNP22, NLW<sup>+</sup>20, PA21, Rac21, RPJ<sup>+</sup>21, SCW<sup>+</sup>24, SCL<sup>+</sup>20]. **Attitudes** [MAB<sup>+</sup>20]. **Attributes** [DH21]. **augmentation** [ROP<sup>+</sup>23]. **August** [Ano22a]. **Authentication** [ZJL<sup>+</sup>21]. **Automated** [AFBRS22, SLD<sup>+</sup>23]. **Autonomous** [DDT<sup>+</sup>20]. **Availability** [SKWR23, WW20]. **Avian** [EPB<sup>+</sup>22, HEP<sup>+</sup>23, PFGE23]. **avoidance** [LOC23]. **Avoiding** [PBEK23].

**Backcross** [LMA23]. **Backpack** [LCVS23]. **Bag** [CM22, MSW22]. **bait** [SPM<sup>+</sup>24]. **Baited** [TPC21b]. **Baitfish** [MML<sup>+</sup>22]. **Balance** [vPM20]. **Bald** [CJN<sup>+</sup>21]. **Bank** [DHWP21]. **Bar** [SPSH20, SCDS23]. **Barotrauma** [ERT21]. **Barotraumatized** [RSM<sup>+</sup>23]. **Barrier** [TM21]. **Bartram** [PJD<sup>+</sup>21]. **Based** [BHCC23, CLM20, DAS20, DH21, DC22, GWMP23, HNM<sup>+</sup>22, HDP<sup>+</sup>22, HJBP20, HBBS22, HJ21, JSH<sup>+</sup>21, LSSB23, NLW<sup>+</sup>20, RCD22, SL21, SR20, TBIJ21, WSK<sup>+</sup>22, BSKSK24]. **Baseline** [KLR<sup>+</sup>21]. **Bases** [SPY<sup>+</sup>20]. **Basic** [NRJ<sup>+</sup>20]. **Basin** [ELCM22, HTH<sup>+</sup>21, JDO<sup>+</sup>20, LSB<sup>+</sup>21, LGQ<sup>+</sup>21, CFGZ23, LJB<sup>+</sup>24, WMB23, Ano23g, DTK20, ESCI21, FCMT21, HHH<sup>+</sup>22, HHH<sup>+</sup>23, KJB<sup>+</sup>22, PE21]. **Basins** [CP21a]. **basinwide** [CFGZ23]. **Bass** [AZL<sup>+</sup>21, ARK<sup>+</sup>21, BTZ<sup>+</sup>21, BMAM22, BDHP20, CLTJ21, CAZ<sup>+</sup>21, EP21, ERT21, HDP<sup>+</sup>22, HL23, KR24, LTB<sup>+</sup>22, LSB<sup>+</sup>21, LEHP21, LMA23, MSW22, MQK<sup>+</sup>20, PJD<sup>+</sup>21, RRB20, RSM<sup>+</sup>23, SDL<sup>+</sup>23, SR20, SW22, TPCC20, WD21, YBH24, CEC<sup>+</sup>24, LHB<sup>+</sup>24, SSM<sup>+</sup>24, SWA<sup>+</sup>24, KKMA23]. **Batch** [DWGR21, HKPP20, LCIL23a, LCIL23c]. **Bay** [FB20, HJB<sup>+</sup>21, IDH<sup>+</sup>23, SHI22, ZK22, FNT21]. **Bayesian** [ORWS21]. **be** [HDH<sup>+</sup>20, LCVS23]. **Bear** [HDQ22, HDT<sup>+</sup>22]. **Beaver** [RH20]. **Been** [KMS21]. **before** [BGH<sup>+</sup>20]. **Behavior** [BLS23, CLM20, LTB<sup>+</sup>22, MGNP22, Mun22, WWBM20, WW20, NKG23, PK24]. **Behavioral** [CRH<sup>+</sup>22, KSPP22, LHB<sup>+</sup>24]. **Behaviors** [MAB<sup>+</sup>20]. **Benefit** [MKC<sup>+</sup>23, SCMJF20]. **Benefits** [MDA21]. **Benthic** [PKTZ20, NMS<sup>+</sup>23]. **benthic-spawning** [NMS<sup>+</sup>23]. **Bering** [GLSF21]. **Better** [GW20]. **between** [CLSM20, CSQ<sup>+</sup>21, CHJ<sup>+</sup>22, GDS<sup>+</sup>22, HGH<sup>+</sup>23, KNK22, LMA23, PO24, RSO23, ZAK<sup>+</sup>23]. **Beverages** [TCL<sup>+</sup>21]. **Beyond** [PC20]. **Bias** [DH21, Har20, PSW23, ZSLG21, BSKSK24]. **Biases** [HJBP20]. **Biennial** [GLSF21]. **Big** [HG22]. **Bigger** [GW20]. **Bighead** [AAW<sup>+</sup>23, LLA<sup>+</sup>22]. **Bigheaded** [AWRL23, LTL<sup>+</sup>23, LCIL23a, LCIL23b, LCIL23c, RPEF<sup>+</sup>23, RZK<sup>+</sup>21, SMCEF<sup>+</sup>23]. **Bighorn** [HSH21]. **Bight** [OS20]. **Bigmouth** [ASDW23, PSW23, SWM22]. **Bin** [HJBP20]. **Bioelectrical** [CFCN20]. **Bioenergetics** [GW21, TCM20]. **Biofilm** [HSW21]. **Biologists** [LTB<sup>+</sup>22]. **Biological** [CGD<sup>+</sup>21, SSF<sup>+</sup>23, UHB<sup>+</sup>23]. **Biology** [RG20, ZZWX20]. **Biota** [KR23]. **Biotic** [AWF23, BHB<sup>+</sup>23, CH22, PO22]. **Black** [AWO21, Bar21, BFM<sup>+</sup>22, CLTJ21, EP21, LTB<sup>+</sup>22, LSB<sup>+</sup>21, Mic20b, MSL22, RRB20, RSM<sup>+</sup>23, SDL<sup>+</sup>23, WAKO21, KHBF24, SSM<sup>+</sup>24, KKMA23]. **Bleeding** [TCL<sup>+</sup>21]. **Blue** [CSLW22, ERCB22, FNT21, HJB<sup>+</sup>21, HBT<sup>+</sup>21, MDA21, MSZ<sup>+</sup>23, MS21b, MSP21, NLK21, NKK21, NF21, NMBM21, OTW<sup>+</sup>22, PAC22, PTCZ22, SB21b, WM21, BSKSK24, HGMR21, NKG23]. **Blueback** [SLD<sup>+</sup>23, HCO<sup>+</sup>24]. **bluefin** [GSML23]. **Bluegill** [BDC22, GGW21, PSS21, PK24]. **Bluehead** [RHUM<sup>+</sup>23]. **Boat** [CJP<sup>+</sup>21, DDT<sup>+</sup>20, MS21b, PTCZ22]. **Boats** [BD22]. **Bodied** [DWSM21, MB21]. **Body** [CHL22, HDH<sup>+</sup>20, NLK21, FHB<sup>+</sup>24]. **Bolstering** [Mic20a]. **Bomb** [DAS20]. **Bonneville** [HDQ22, HDT<sup>+</sup>22]. **Bottlenecks** [GBJ<sup>+</sup>22]. **Bottom** [CTJS<sup>+</sup>22, GC21]. **Bottom-Trawl** [CTJS<sup>+</sup>22]. **Boulder**

[LKD23]. **Bound** [WRH<sup>+</sup>21]. **Bowfishing** [MSSS23, YSS22]. **Branch** [KHB22]. **Branched** [BBKJ21]. **Breakaway** [FPR20]. **Brief** [HMB21]. **Bringing** [LHWS23]. **British** [HMO<sup>+</sup>21, RPJ<sup>+</sup>21]. **Broadband** [DS20]. **Broaden** [KBC<sup>+</sup>20]. **Broadscale** [RRL<sup>+</sup>21]. **Bronx** [CWB<sup>+</sup>21]. **brood** [PK24]. **Broodfish** [AP20]. **Broodstock** [HHH<sup>+</sup>22, HHH<sup>+</sup>23, Ano23g]. **Brook** [Ano22a, ACRB22, HSF<sup>+</sup>22, HKPP20, KLR<sup>+</sup>21, LL21, MKK<sup>+</sup>21, RH20, RRL<sup>+</sup>21, SCP<sup>+</sup>23, SG22, SMM<sup>+</sup>22, TCM20, WPGC21, LOV<sup>+</sup>23]. **Brown** [BR21, DWGR21, HW22, Mun22, RCD20]. **Brunswick** [ARK<sup>+</sup>21, HL23]. **Buffalo** [ASDW23, LSSB23, PSW23, SWM22]. **Bull** [AS20, BVP<sup>+</sup>21, BDG<sup>+</sup>23, CHJ<sup>+</sup>22, KSP<sup>+</sup>24, LGOM22, RSK<sup>+</sup>21]. **Bullhead** [Bar21, SVS<sup>+</sup>21]. **Burbot** [BQR<sup>+</sup>20, RHFU24]. **Burden** [HDH<sup>+</sup>20]. **burrowed** [HLSW23]. **Bycatch** [HLDK21, MRK<sup>+</sup>22, MSL22, PSS20, TJ22, TSJ20, LOC23].

**C** [Ano22a]. **calcified** [KHBF24]. **California** [ACGF23, Bar21, Boo20, DRPW21, KFG22, RG20]. **Camera** [HL23]. **Cameras** [DDT<sup>+</sup>20, ECC22]. **can** [LCVS23]. **Canada** [CVD<sup>+</sup>20, ARK<sup>+</sup>21, HYM<sup>+</sup>22, HL23, MNA<sup>+</sup>20, RPJ<sup>+</sup>21, RM21]. **Canadian** [MRK<sup>+</sup>22]. **Canals** [MLB21]. **Canyon** [HSS<sup>+</sup>20]. **Capacity** [BDG<sup>+</sup>23, PC20, TCM20]. **captively** [CBKH23]. **Capture** [BLS23, CMBR20, DHWP21, GC21, HMP22, HSF<sup>+</sup>22, LHR<sup>+</sup>20, LGOM22, MSW22, OMAA22, RJ22, SGM<sup>+</sup>20, dVB20a, dVB20b]. **Captured** [CJN<sup>+</sup>21]. **Carbon** [FMM20]. **Carbonated** [TCL<sup>+</sup>21]. **Carcasses** [PKTZ20]. **Caribbean** [CRNRFL24]. **Carolina** [RRB<sup>+</sup>22, CKB<sup>+</sup>21, KLR<sup>+</sup>21, MWR21, RR23]. **Carp** [AAW<sup>+</sup>23, AWRL23, ASDW23, CSWP23a, CSWP23b, CBS21, CCL<sup>+</sup>22, DS20, FNB<sup>+</sup>22, GWMP23, HBV<sup>+</sup>21, HBR<sup>+</sup>23, HCP<sup>+</sup>23, LTL<sup>+</sup>23, LLA<sup>+</sup>22, LCIL23a, LCIL23b, LCIL23c, MSM21, RGMH20, RLS<sup>+</sup>23, SMCEF<sup>+</sup>23, SWM22, SHFP20, SM22, SGM<sup>+</sup>20, WDPH22, WWK<sup>+</sup>23, YBB<sup>+</sup>23, ZZWX20, KHBF24, RAH<sup>+</sup>23]. **Carps** [PBK<sup>+</sup>23, RPEF<sup>+</sup>23, RZK<sup>+</sup>21]. **Carrying** [TCM20]. **Cascade** [WMJ<sup>+</sup>24]. **Case** [CBC<sup>+</sup>20, FNT21, HDH<sup>+</sup>20, KBC<sup>+</sup>20, CFGZ23]. **Catch** [BCS<sup>+</sup>21, BM20, BBKJ21, BWM22, BDC22, CM22, ERT21, HG22, KQS<sup>+</sup>20, MdAM21, MDBC21, MVH<sup>+</sup>22, MSP21, Mun22, PWLH21, PSS20, PG20, RGMH20, SLG<sup>+</sup>23, SB21b, SWM22, SGH<sup>+</sup>21, LJB<sup>+</sup>24, RR23, SSM<sup>+</sup>24, SMB23]. **Catch-and-Harvest** [Mun22]. **Catch-and-Release** [BCS<sup>+</sup>21, BBKJ21, BDC22, ERT21, MDBC21, SLG<sup>+</sup>23, SGH<sup>+</sup>21, LJB<sup>+</sup>24, SMB23]. **Catch-at-Age** [MVH<sup>+</sup>22]. **Catch-Curve** [MdAM21]. **Catchability** [HBT<sup>+</sup>21, Pan21]. **Categories** [BBFQ21, BB21a, BBMC23, MRW<sup>+</sup>24]. **Catfish** [BTZ<sup>+</sup>21, BBKJ21, BOB<sup>+</sup>21, CFP21, DW21, DHWP21, DSW<sup>+</sup>24, ESCI21, FNT21, HTH<sup>+</sup>21, HSP21, HGH<sup>+</sup>21, HJB<sup>+</sup>21, HBT<sup>+</sup>21, Kep21, KS21, MDA21, MS21a, MS22, MSZ<sup>+</sup>23, MS21b, MSP21, MK21, NLK21, NKK21, NF21, NMBM21, ORWS21, PKNS21, PTCZ22, SB21a, SL21, STB<sup>+</sup>21, SB21b, Sin21, SMP<sup>+</sup>21, SPSH20, TPC21a, TPC21b, WM21,

AMR<sup>+23</sup>, CHO24, SBH<sup>+23</sup>, NKG23]. **Catostomids** [BBP20]. **Caught** [GC21]. **Cause** [PFGE23]. **Cause-Specific** [PFGE23]. **caused** [HLSW23]. **CECs** [HBTE22]. **Ceded** [LLE22]. **Central** [GGWV22, GKT<sup>+22</sup>, HLM<sup>+23</sup>, RMR<sup>+22</sup>, WW20]. **Centrarchids** [GRA<sup>+22</sup>]. **centrifugal** [WPM<sup>+23</sup>]. **Centropomus** [AWG<sup>+20</sup>]. **Ceratonova** [RAHS20]. **cf.** [PJD<sup>+21</sup>]. **Challenges** [HIF21, SK23]. **Chamber** [DS20]. **Champlain** [HMQM22]. **Change** [BIE<sup>+22</sup>, GRA<sup>+22</sup>, WZG22]. **Changes** [CLRL22, CBS21, FHR21, HRK<sup>+22</sup>, MSLP22, RSO23, SVS<sup>+21</sup>, YZJ<sup>+21</sup>, ZK22, GBM23]. **Changing** [BKE22, FHK23, HBBS22]. **Channel** [BTZ<sup>+21</sup>, CFPSW21, DSW<sup>+24</sup>, ESCI21, HGH<sup>+21</sup>, HBT<sup>+21</sup>, Kep21, NLK21, NKK21, NMBM21, SL21, Sin21, SPSH20, TPC21a, TPC21b, UHB<sup>+23</sup>, ROP<sup>+23</sup>]. **Char** [HYM<sup>+22</sup>, MRK<sup>+22</sup>]. **Characteristic** [LMA23]. **Characteristics** [BKM21, CLTJ21, GKRH20, HSP21, HQWD20, HJBP20, KNK22, LLE22, MBCH22, NF21, RCR21, SHWW22, SHFP20, TPC21a, ZLM21]. **Characterization** [AWG<sup>+20</sup>]. **Characterize** [KDB<sup>+20</sup>, TCB<sup>+21</sup>]. **Characterized** [BWM22]. **Characterizes** [WSK<sup>+22</sup>]. **Characterizing** [CP21b, CFHS22, SMM<sup>+22</sup>]. **Chase** [MS21b, PTCZ22]. **Chase-Boat** [PTCZ22]. **Chasing** [SGH<sup>+21</sup>]. **Chemical** [FHA<sup>+21</sup>]. **Chemistry** [AWRL23]. **Chesapeake** [FNT21, HJB<sup>+21</sup>]. **China** [CSQ<sup>+21</sup>, LGQ<sup>+21</sup>, SLL<sup>+21</sup>, YZJ<sup>+21</sup>, ZZWX20]. **Chinese** [ZJL<sup>+21</sup>]. **Chinook** [Ano23g, BHT<sup>+21</sup>, BB21b, BSC<sup>+21</sup>, CEH<sup>+20</sup>, CLBL22, CFCN20, CDBC22, ELCM22, FHR21, FMM20, FTLR23, GWRF24, HAP<sup>+22</sup>, HLM<sup>+23</sup>, HJ21, HHH<sup>+22</sup>, HHH<sup>+23</sup>, JSH<sup>+21</sup>, KSJ<sup>+20</sup>, NKC<sup>+23</sup>, PFGE23, PO24, PST<sup>+20</sup>, PC20, RJ22, RAHS20, TRB<sup>+21</sup>, WRH<sup>+21</sup>, ZAK<sup>+23</sup>]. **Chionoecetes** [GLSF21, GBM23]. **Chip** [MB21]. **Choice** [TPC<sup>+22</sup>]. **Chub** [BBFQ21, DEO20, HSS<sup>+20</sup>, MDHQ22, MSD<sup>+22</sup>, RBFQ20, SPY<sup>+20</sup>, EFK<sup>+23</sup>, MBF<sup>+23</sup>, McK23, PAE<sup>+23</sup>, PKSG23, WMB23, WA23, SBW<sup>+23</sup>]. **chubs** [PBKE23]. **Chubsucker** [BB21a]. **Chum** [JWG<sup>+21</sup>, MBP<sup>+22</sup>]. **Cisco** [FB20, VF21, YDM<sup>+20</sup>]. **Clair** [CBB<sup>+23</sup>, JCB<sup>+21</sup>, UHB<sup>+23</sup>, BHT<sup>+20</sup>]. **clam** [HA24]. **Class** [DNW<sup>+22</sup>]. **Classified** [BBO20]. **Cleaning** [BD22]. **Clear** [PKNS21]. **Climate** [FHK23, CDG<sup>+23</sup>]. **climate-related** [CDG<sup>+23</sup>]. **Clips** [LCF20]. **Clock** [RMWK23]. **clusters** [RR23]. **Co** [GHA<sup>+23</sup>, SCMJF20]. **Co-Occurrence** [SCMJF20]. **Co-Occurring** [GHA<sup>+23</sup>]. **Coarse** [GWM21, SSR<sup>+24</sup>]. **coast** [KKMA23]. **Coastal** [BPT21, CLM20, DRPW21, EMRK20, KBDA21, LFS20, MRK<sup>+22</sup>, MSL22, RG20, LHPS<sup>+24</sup>, MBP<sup>+22</sup>]. **Cod** [SCL<sup>+20</sup>]. **coded** [CEB<sup>+23</sup>]. **Coexistence** [SCMJF20]. **Coho** [BBB<sup>+21</sup>, FLW21, KHL<sup>+24</sup>, SKBB24, SFFW21]. **Cold** [CRH<sup>+22</sup>, MWASW20]. **collect** [LCVS23]. **Collected** [SB21b]. **Collection** [CDB22, HRS<sup>+20</sup>, CRNRFL24]. **Collections** [AP20, WTW<sup>+23</sup>]. **Colonization** [KHD<sup>+22</sup>]. **Colorado** [SPY<sup>+20</sup>, AWF23, HSS<sup>+20</sup>, HUTB21, RFK<sup>+20</sup>, RKP<sup>+22</sup>]. **Columbia** [FCMT21, MST22, RPJ<sup>+21</sup>, SG21, Ano23g, BHS<sup>+23</sup>, BHT<sup>+21</sup>, HLJ<sup>+23</sup>, HHH<sup>+22</sup>, HHH<sup>+23</sup>, HMO<sup>+21</sup>, PO24, PE21, PST<sup>+20</sup>, SWTH21]. **Combination** [SGK<sup>+22</sup>]. **Combining** [CDG<sup>+23</sup>, HL23]. **Commercial**

[HYM<sup>+</sup>22, NLW<sup>+</sup>20, PG20, SCL<sup>+</sup>20, TSJ20, WM21]. **Common**  
 [ASDW23, DS20, MSM21, PG20, SWM22, SM22, SGM<sup>+</sup>20]. **Communicate**  
 [PG20]. **Communities** [KMS21, Mic20a, WHA23]. **Community**  
 [CM22, SVS<sup>+</sup>21, VF21, KHL<sup>+</sup>24]. **community-run** [KHL<sup>+</sup>24]. **Compact**  
 [WSG<sup>+</sup>23]. **Comparative** [LL21]. **compare** [SCW<sup>+</sup>24]. **Comparing**  
 [Sin21]. **Comparison** [ERT21, FM20, HCS<sup>+</sup>21, LTB<sup>+</sup>22, LSSB23, MdAM21,  
 NLK21, PSS21, RRL<sup>+</sup>21, RPEF<sup>+</sup>23, SB21a, SKBB24, DSW<sup>+</sup>24].  
**Comparisons** [CFCN20, PO24]. **Competing** [FNT21]. **competition**  
 [WA23]. **Complex** [AWG<sup>+</sup>20, BCW<sup>+</sup>21, HYM<sup>+</sup>22, MW20, SG21, LOV<sup>+</sup>23].  
**Complexity** [GWM21]. **Complicated** [HRK<sup>+</sup>22]. **compliments** [WHA23].  
**Composition** [BHCC23, HHH<sup>+</sup>22, HHH<sup>+</sup>23, Ano23g]. **Concentration**  
 [CWB<sup>+</sup>21]. **Concentrations** [MKG<sup>+</sup>22]. **Concern** [HBTE22]. **Concert**  
 [MCB20]. **Condition** [MLB<sup>+</sup>23, SSH22, EPD<sup>+</sup>24, FHB<sup>+</sup>24]. **Conditioning**  
 [FDG<sup>+</sup>21]. **Conditions**  
 [BFLI22, HTH<sup>+</sup>21, HSP21, OS20, QBA21, RSO23, RBFS20, ZK22].  
**Conductivity** [HCS<sup>+</sup>21]. **Confined** [SM22]. **Confirms** [AWO21].  
**Connected** [DBS21]. **Connectivity** [COT20]. **Consequences** [CAZ<sup>+</sup>21].  
**Conservation** [BDG<sup>+</sup>23, CKB<sup>+</sup>21, KLR<sup>+</sup>21, LHWS23, LHB<sup>+</sup>23, LGQ<sup>+</sup>21,  
 McK23, RG20, SDB<sup>+</sup>20, SBW<sup>+</sup>23, vPM20, PBK23, SPM<sup>+</sup>24].  
**Considerations** [BPT21, SSF<sup>+</sup>23, TPC<sup>+</sup>22]. **Considering** [MSV<sup>+</sup>21].  
**consistency** [EPD<sup>+</sup>24]. **Conspecifics** [DPR<sup>+</sup>20]. **Constraints** [TBIJ21].  
**construction** [SFM23]. **Consumption** [GW21, HGH<sup>+</sup>21, MMSJ23].  
**Contact** [RM21]. **Contaminant** [HDH<sup>+</sup>20]. **Contaminants** [HBTE22].  
**Contemporary** [HMQM22]. **Contest** [Mun22]. **Context** [NMW<sup>+</sup>21].  
**Contrasting** [WW20]. **Contribution** [NLK21]. **Contributions**  
 [GDS<sup>+</sup>22, HDP<sup>+</sup>22, HDH<sup>+</sup>20, KDB<sup>+</sup>20, HS24]. **Control**  
 [CGD<sup>+</sup>21, RLS<sup>+</sup>23, TPA<sup>+</sup>21, CEC<sup>+</sup>24]. **controlled** [HCO<sup>+</sup>24]. **Controls**  
 [FHA<sup>+</sup>21, JDO<sup>+</sup>20]. **Cook** [ZLM21]. **coosae** [PJD<sup>+</sup>21]. **copepods** [SMB23].  
**Correct** [DH21]. **Correlates** [RAHS20, SBD<sup>+</sup>20]. **Cost**  
 [BCW<sup>+</sup>21, HSTH20]. **Cost-Effective** [BCW<sup>+</sup>21, HSTH20]. **Coster**  
 [Ano22a]. **Costs** [CLRL22, CR23]. **Count**  
 [AFBRS22, PREBK22, SKBB24, SDF<sup>+</sup>21]. **Counting**  
 [EMRK20, HL23, KHJS22]. **County** [ZLM21]. **Coupling** [GET22]. **Cove**  
 [RMWK23]. **Cover** [GKRH20]. **Coves** [PBD<sup>+</sup>22]. **COVID** [TBG<sup>+</sup>22].  
**COVID-19** [TBG<sup>+</sup>22]. **CPUE** [GBM23]. **Crab**  
 [ERCB22, GLSF21, OTW<sup>+</sup>22, PAC22, ZJL<sup>+</sup>21, BSKSK24, GBM23]. **Crabs**  
 [OS20, OTW<sup>+</sup>22]. **Crappie** [BFM<sup>+</sup>22, HN21, MKKN22]. **Crappies**  
 [Mic20b]. **Crayfish** [BOHA20]. **Creates** [HKPP20]. **Creek**  
 [CJN<sup>+</sup>21, LKD23, LEHP21, WCSL22]. **Creel**  
 [DDT<sup>+</sup>20, ECC22, NLK21, NMBM21]. **Criteria** [NLB21, RRL<sup>+</sup>21]. **Critical**  
 [BMAM22, TVG<sup>+</sup>21, LHB<sup>+</sup>23, RHUM<sup>+</sup>23]. **Cues** [SM22]. **Culling**  
 [CAZ<sup>+</sup>21, GGW21]. **culture** [MMJW23]. **Culvert** [KHD<sup>+</sup>22]. **Culverts**  
 [RRL<sup>+</sup>21]. **Cured** [SMM20]. **Current** [BD22, SDB<sup>+</sup>20]. **Curve** [MdAM21].  
**Customer** [STB<sup>+</sup>21]. **Customized** [MLB21]. **Cutthroat**

[BPT21, CLM20, HQWD20, HDQ22, HDT<sup>+</sup>22, LKD23, LFS20, MDHQ22, MBW21, NMW<sup>+</sup>21, SCN<sup>+</sup>21]. **Cycle** [BBB<sup>+</sup>21, KUV<sup>+</sup>23, PHW<sup>+</sup>23]. **Cycles** [GLSF21]. **Cytological** [FJH<sup>+</sup>22].

**D** [KBDI21]. **D-Frame** [KBDI21]. **Dace** [RBFS20]. **Dakota** [BSKM20, DNW<sup>+</sup>22, SL21]. **Dam** [HSTH20, KES<sup>+</sup>21, LTL<sup>+</sup>23, LBH21, PTFZ23]. **Dammed** [CBLW21]. **Dams** [PE21, SWTH21, JJD<sup>+</sup>23]. **Data** [ASDW23, BW22, DC22, DWGR21, EMRK20, FB20, JOH<sup>+</sup>22, LHR<sup>+</sup>20, LMO21, MdAM21, NMBM21, NMW<sup>+</sup>21, ORWS21, PWLH21, Rac21, RJ22, SKA21, SB21b, SLZ<sup>+</sup>20, TPC<sup>+</sup>22, CDG<sup>+</sup>23, CRNRFL24, KPD<sup>+</sup>24, RH23]. **Data-Limited** [BW22, ORWS21, SLZ<sup>+</sup>20]. **Dating** [DAS20]. **DC** [CMBR20]. **Deal** [TJ22]. **Decades** [MWASW20, MS21a]. **Decision** [BDG<sup>+</sup>23, vPM20, McK23]. **decisions** [KPD<sup>+</sup>24]. **Declines** [NMW<sup>+</sup>21]. **Declining** [HRM<sup>+</sup>22, SDWM21]. **Decontamination** [GET22]. **decreases** [RHUM<sup>+</sup>23]. **Deepwater** [LMN<sup>+</sup>20, MLB21, RMB<sup>+</sup>20]. **Delaware** [SMP<sup>+</sup>21]. **Delay** [BPL<sup>+</sup>21]. **delayed** [HWCS24]. **Delta** [AP20, BSC<sup>+</sup>21]. **Demand** [CLRL22]. **Demersal** [RRB<sup>+</sup>22]. **Demographic** [AWG<sup>+</sup>20, AWO21, SSS<sup>+</sup>22]. **Demographics** [SNLD21, WDPH22, TO23, YBH24]. **Demography** [WAKO21]. **Denil** [SBB23]. **Densities** [HLM<sup>+</sup>23]. **Density** [CBS21, EMRK20, GKT<sup>+</sup>22, KQS<sup>+</sup>20, KDO<sup>+</sup>22, RCD20, TPC21b, BHS<sup>+</sup>23, RHUM<sup>+</sup>23]. **Density-Dependent** [CBS21]. **Dependence** [GKT<sup>+</sup>22]. **Dependent** [CBS21, SDWM21, SW22, ZSLG21]. **Depends** [HRK<sup>+</sup>22]. **Deposition** [GWM21]. **Depredation** [RRB<sup>+</sup>22]. **Depths** [RSM<sup>+</sup>23]. **Derived** [ORL<sup>+</sup>22, RCD22]. **Descender** [RRB20, RMB<sup>+</sup>20, RRB<sup>+</sup>22]. **Desert** [HGH<sup>+</sup>21, HGH<sup>+</sup>23]. **Desiccation** [TPA<sup>+</sup>21]. **Design** [SFM23, RAH<sup>+</sup>23]. **Designed** [WSG<sup>+</sup>23]. **Designing** [BCW<sup>+</sup>21]. **Designs** [CHS<sup>+</sup>22]. **Despite** [MWASW20]. **Detect** [ZWBS21]. **detecting** [SKBB24]. **Detection** [PE21, ZWBS21, KPD<sup>+</sup>24, SLD<sup>+</sup>23]. **Determination** [FJH<sup>+</sup>22, MSD<sup>+</sup>22]. **Determine** [AWRL23, KKMA23, SYHF24]. **Determining** [WKM<sup>+</sup>21]. **Detroit** [CBB<sup>+</sup>23, JCB<sup>+</sup>21]. **Develop** [BDG<sup>+</sup>23]. **Developing** [BVP<sup>+</sup>21, HW22, CEB<sup>+</sup>23]. **Development** [BB21b, CSLW22, FPR20, KLR<sup>+</sup>21, LSP20, NLB21, Owe21]. **Devices** [RRB20, RMB<sup>+</sup>20, RRB<sup>+</sup>22]. **dewatered** [HLSW23]. **dewatering** [LHB<sup>+</sup>23]. **Diameter** [STP<sup>+</sup>21]. **DIDSON** [HLM<sup>+</sup>23]. **Diel** [RGMH20]. **Diet** [CDB22, GHA<sup>+</sup>23, RWS<sup>+</sup>21]. **Dietary** [FHR21]. **Diets** [STP<sup>+</sup>21]. **Differ** [NF21]. **Differences** [AWO21, CEH<sup>+</sup>20, HBTE22, LMA23, SHWW22]. **Different** [CAZ<sup>+</sup>21, LTB<sup>+</sup>22]. **Differential** [OTW<sup>+</sup>22]. **Differentiate** [BDHP20]. **Differentiates** [SGM<sup>+</sup>20]. **Differentiation** [RGHF23]. **differs** [HGH<sup>+</sup>23]. **Digested** [STP<sup>+</sup>21]. **Digital** [AFBRS22, DGJ<sup>+</sup>22, ECC22, JOH<sup>+</sup>22]. **Dimensions** [KBDA21]. **Dimorphism** [LKP<sup>+</sup>21, AMR<sup>+</sup>23]. **diode** [AJHB23]. **Dip** [KBDI21]. **Diphenyl** [HBTE22]. **Direct**



[BD22, CLBL22, RAB<sup>+</sup>20]. **Direct-Current** [BD22]. **Direct-Stocked** [CLBL22]. **Directions** [LCM<sup>+</sup>23]. **Discard** [SSSP22, SCL<sup>+</sup>20, WKM<sup>+</sup>21]. **Discharge** [SPP<sup>+</sup>21, SKGL22]. **Discontinuities** [BS20]. **Discriminating** [Ano22a, WPGC21]. **Disease** [ESF23, RAHS20, TPA<sup>+</sup>21]. **Disease-Resistant** [ESF23]. **Disparate** [SPY<sup>+</sup>20]. **Dispersal** [AZL<sup>+</sup>21, BS21, DKEI20, MGNP22]. **Disrupt** [HSW21]. **Distance** [SGH<sup>+</sup>21, CR23]. **Distinct** [BMAM22]. **distinctiveness** [EFK<sup>+</sup>23]. **Distribution** [BHT<sup>+</sup>21, CBLW21, CSQ<sup>+</sup>21, FCMT21, HQWD20, MDHQ22, OBR<sup>+</sup>20, PJD<sup>+</sup>21, SLL<sup>+</sup>21, BHS<sup>+</sup>23, CDG<sup>+</sup>23]. **Distributional** [SCMJF20]. **Disturbance** [PJD<sup>+</sup>21, RSO23]. **Diversity** [CLSM20, CKB<sup>+</sup>21, DBCS20, LGQ<sup>+</sup>21, ACGF23]. **DNA** [BSR<sup>+</sup>23, CBC<sup>+</sup>20, CWB<sup>+</sup>21, KSJ<sup>+</sup>20, SKBB24, WHA23]. **Do** [HSW21, KJB<sup>+</sup>22, LHB<sup>+</sup>24, TCL<sup>+</sup>21]. **Does** [BWM22, CBKH23, HSF<sup>+</sup>22, YDM<sup>+</sup>20, SMB23]. **Domesticated** [SG22]. **donor** [PO24]. **Dosage** [KS20]. **Double** [FPR20]. **Double-Breakaway** [FPR20]. **Downstream** [MGNP22, SPP<sup>+</sup>21]. **Drainage** [RG20]. **Drawdown** [MVM<sup>+</sup>23]. **Dredge** [WKM<sup>+</sup>21]. **Dreissenid** [WZG22]. **Driven** [WZG22]. **Drivers** [Boo20, JOH<sup>+</sup>22]. **Drives** [BGC<sup>+</sup>21]. **Drought** [BBB<sup>+</sup>21, NMS<sup>+</sup>23]. **Drum** [AWO21, MSL22, WAKO21]. **Dry** [BBC21, WMB23]. **Dual** [EMRK20]. **Dual-Frequency** [EMRK20]. **duality** [NMS<sup>+</sup>23]. **Dummy** [CCL<sup>+</sup>22]. **Duplex** [OTBB23]. **Duration** [MS22, MS21b, SB21b]. **during** [GBM23, KSPP22, TM21, ZAK<sup>+</sup>23]. **Dwelling** [RCD20]. **Dwindling** [KUV<sup>+</sup>23]. **Dynamics** [BQR<sup>+</sup>20, BW22, CFPSW21, DBS21, HDT<sup>+</sup>22, HJB<sup>+</sup>21, Kep21, MQK<sup>+</sup>20, RSK<sup>+</sup>21, SMCEF<sup>+</sup>23, SL21, SSH22, SG22, KR24, MDD<sup>+</sup>23].

**Eagle** [CJN<sup>+</sup>21]. **Early** [AZL<sup>+</sup>21, AWRL23, BBP20, DNW<sup>+</sup>22, LSP20, PO22, WWK<sup>+</sup>23, AJHB23, KHL<sup>+</sup>24, WA23]. **Early-** [AZL<sup>+</sup>21]. **East** [RSK<sup>+</sup>21]. **Eastern** [WCSL22, AZL<sup>+</sup>21, CTJS<sup>+</sup>22, DNW<sup>+</sup>22, GLSF21, WSK<sup>+</sup>22]. **Ecological** [BGC<sup>+</sup>21, MBCH22, SLE21, WZG22]. **Ecology** [BBP20, RBFQ20, SSPL20, ZZWX20, WTW<sup>+</sup>23]. **Economic** [Pan21]. **Ecosystem** [BIE<sup>+</sup>22, HRK<sup>+</sup>22, SBF<sup>+</sup>23, CHO24]. **Ecosystems** [KBDA21]. **Edge** [AWG<sup>+</sup>20]. **Eel** [CBLW21, CWB<sup>+</sup>21]. **Eels** [SLL<sup>+</sup>21]. **Effect** [BD22, CLRL22, CMBR20, CM22, FB20, GKRH20, MKKN22, RZA<sup>+</sup>21, RH20, SB21b]. **Effective** [BCW<sup>+</sup>21, COT20, HSTH20, KS20, TVG<sup>+</sup>21, WB24]. **Effectiveness** [KBDI21, RRB20, RSM<sup>+</sup>23, TCB<sup>+</sup>21, dVB20b]. **Effects** [BBC21, BIE<sup>+</sup>22, BHT<sup>+</sup>20, CCL<sup>+</sup>22, CHL22, ESCI21, FFG20, GRA<sup>+</sup>22, HRK<sup>+</sup>22, HBTE22, KR24, KR23, LSP20, MSW22, MPM21, MS21b, NKG23, OTW<sup>+</sup>22, PSS20, RCD20, RZK<sup>+</sup>21, SL21, SLG<sup>+</sup>23, SSH22, SPY<sup>+</sup>20, SW22, TBG<sup>+</sup>22, WW21, ZMA20, HFJ23, HWCS24]. **Efficacy** [DHWP21, HCP<sup>+</sup>23, LKD23, OMAA22, TPA<sup>+</sup>21, WGKB20, WGBK22, RAH<sup>+</sup>23]. **Efficiency** [BOHA20, CMBR20, LGOM22, MS21b, SBB23, WCSL22]. **Efficient**

[SMM20, TVG<sup>+</sup>21]. **Effort**  
 [DDT<sup>+</sup>20, ERCB22, LMA23, TBG<sup>+</sup>22, SDR24, SSM<sup>+</sup>24]. **Efforts**  
 [CBC<sup>+</sup>20, HBV<sup>+</sup>21, HCP<sup>+</sup>23, SGK<sup>+</sup>22]. **Egg**  
 [AFBRS22, CEH<sup>+</sup>20, GWM21, HRS<sup>+</sup>20, MKG<sup>+</sup>22]. **Eggs** [GWMP23].  
**Elastomer** [BR21, LFS20, MB21]. **Electric** [LL21]. **Electrical** [BD22].  
**Electrified** [RGMH20]. **Electrofisher** [MLB21]. **Electrofishing**  
 [ASDW23, BOHA20, BD22, CDB22, DKEI20, HSW21, HCM<sup>+</sup>22, HSF<sup>+</sup>22,  
 MS22, MSZ<sup>+</sup>23, MS21b, MSP21, PTCZ22, SB21b, SWM22, HLSW23,  
 LCVS23, SDR24, YBB<sup>+</sup>23]. **Electronic** [MAB<sup>+</sup>20, RJ22, GSML23].  
**Elemental** [LMA20]. **Elevated** [KSPP22, SSS<sup>+</sup>22]. **Elevation**  
 [FFG20, KJB<sup>+</sup>22]. **Elicit** [SPGP21]. **Eliminate** [TSJ20]. **Eliminates**  
 [KDM<sup>+</sup>23]. **Elk** [WRH<sup>+</sup>21]. **Embryo** [HSF<sup>+</sup>22]. **Embryos**  
 [PKTZ20, SCN<sup>+</sup>21]. **emerged** [HLSW23]. **Emerging**  
 [AWRL23, BDC22, HBTE22]. **Emigration**  
 [BPT21, MR21b, MW20, SPP<sup>+</sup>21]. **emitting** [AJHB23]. **Empirical**  
 [BDHP20]. **Encounter** [DKEI20, Kin22, LJB<sup>+</sup>24]. **Endangered**  
 [HAP<sup>+</sup>22, HSS<sup>+</sup>20, KJB<sup>+</sup>22, LKP<sup>+</sup>21, RBFS20, UHB<sup>+</sup>23, CBKH23].  
**Endemic** [CKB<sup>+</sup>21, PJD<sup>+</sup>21]. **Endemism** [LGQ<sup>+</sup>21]. **Energetic** [CFCN20].  
**Engaging** [BDG<sup>+</sup>23]. **Enhancement** [HG22]. **Enhancing** [SDF<sup>+</sup>21].  
**Entiat** [PC20]. **Entosphenus** [ACGF23]. **entrainment** [WPM<sup>+</sup>23].  
**Enumerating** [BSC<sup>+</sup>21]. **Enumeration** [LRM<sup>+</sup>20]. **Environment**  
 [BW22, EMRK20, LFS20]. **Environmental**  
 [BFLI22, CBC<sup>+</sup>20, CWB<sup>+</sup>21, HTH<sup>+</sup>21, HMP22, KSJ<sup>+</sup>20, MSP21, PSS20,  
 SM22, WHA23, PAE<sup>+</sup>23, SKBB24]. **Environments**  
 [AWRL23, GK21, WWK<sup>+</sup>23]. **Equation** [BBFQ21, BB21a, MRW<sup>+</sup>24].  
**Equations** [BBMC23, GBJ21]. **Eradicating** [MSM21]. **Eradication**  
 [CBC<sup>+</sup>20, HBV<sup>+</sup>21, SLE21, TM21]. **Erie**  
 [EFK<sup>+</sup>23, HBV<sup>+</sup>21, MBF<sup>+</sup>23, McK23, SM22]. **Eriochair** [ZJL<sup>+</sup>21]. **Eroded**  
 [HDH<sup>+</sup>20]. **Erratum** [Ano21a, Ano22a]. **Escape** [OTW<sup>+</sup>22, SHFP20].  
**Escapement** [LCM<sup>+</sup>23, SKA21, WW21]. **Escapements** [JWG<sup>+</sup>21].  
**Establishment** [HBR<sup>+</sup>23, HSS<sup>+</sup>20, KSP<sup>+</sup>24, NHC<sup>+</sup>20]. **Estimate**  
 [DEO20, GW21, Har20, HL23, LHR<sup>+</sup>20, LMO21, RJ22, SKA21, STP<sup>+</sup>21,  
 CHB<sup>+</sup>23, SDR24]. **Estimates** [BOHA20, BCS<sup>+</sup>21, CEB<sup>+</sup>23, CDBC22,  
 DAS20, GRM<sup>+</sup>21, HMQM22, HLM<sup>+</sup>23, LSSB23, MCB20, ZSLG21].  
**Estimating**  
 [CLM20, CFB<sup>+</sup>24, DDT<sup>+</sup>20, GWRF24, HA24, HNM<sup>+</sup>22, HSTH20, IPZK21,  
 Kin22, LCIL23c, PFGE23, PSS20, PREBK22, SB21a, SCL<sup>+</sup>20]. **Estimation**  
 [HJBP20, LDH<sup>+</sup>22, MdAM21, ORWS21, PS21, KHBF24, PHW<sup>+</sup>23].  
**Estimator** [DH21]. **estuaries** [CHO24]. **Estuarine** [BGC<sup>+</sup>21]. **Estuary**  
 [AWO21, WHA23, BHT<sup>+</sup>21, BSC<sup>+</sup>21]. **Estuary-Level** [AWO21]. **Ethanol**  
 [CHL22]. **Ethers** [HBTE22]. **Evaluate**  
 [HJBP20, MDA21, NMBM21, WWBM20]. **Evaluated** [HMQM22].  
**Evaluates** [KUV<sup>+</sup>23]. **Evaluating** [BBB<sup>+</sup>21, LOC23, LMO21, MBW21,  
 MRM<sup>+</sup>21, PS21, PTCZ22, RKP<sup>+</sup>22, SCDS23, TM21, TCB<sup>+</sup>21]. **Evaluation**

[AP20, ACRB22, BKE22, BBKJ21, BOB<sup>+21</sup>, BDHP20, CLM20, CEC<sup>+24</sup>, ESF23, EPB<sup>+22</sup>, GWMP23, HN21, LMN<sup>+20</sup>, LFS20, LMA23, MDBC21, MB21, MK21, NLB21, NLW<sup>+20</sup>, ORWS21, OMAA22, PHW<sup>+23</sup>, QBA21, RFK<sup>+20</sup>, RBFQ20, SCN<sup>+21</sup>, SLE21, AJHB23, FHB<sup>+24</sup>, RAH<sup>+23</sup>, SFM23, YBB<sup>+23</sup>, GW20]. **Event** [RMWK23]. **Events** [RSO23]. **Evidence** [BSKSK24, LEHP21, SCP<sup>+23</sup>]. **Examination** [LCIL23a, KMS21]. **Example** [JOH<sup>+22</sup>, KS21]. **Excluding** [CTJS<sup>+22</sup>]. **Exclusion** [KR23]. **Exhibit** [DPR<sup>+20</sup>]. **Expansion** [DH21, SMP<sup>+21</sup>]. **Expenditure** [PHG<sup>+23</sup>]. **Experiencing** [ERT21]. **experimental** [HCO<sup>+24</sup>]. **expert** [CDG<sup>+23</sup>]. **Explain** [JOH<sup>+22</sup>]. **Explaining** [TPC21a]. **Exploitation** [BCS<sup>+21</sup>, DTK20, NRJ<sup>+20</sup>, SSS<sup>+22</sup>, WM21, GBM23, YBH24]. **exploited** [HFJ23]. **Exploring** [PHG<sup>+23</sup>, Rac21]. **Exposed** [BOB<sup>+21</sup>, MSZ<sup>+23</sup>]. **Exposure** [HBTE22, RPJ<sup>+21</sup>]. **Extending** [GK21]. **External** [CCL<sup>+22</sup>, CFB<sup>+24</sup>]. **Externally** [DPR<sup>+20</sup>]. **extraction** [BSR<sup>+23</sup>]. **Extreme** [BCS<sup>+21</sup>]. **Extrinsic** [WD21]. **Eye** [RGHF23].

**Facility** [AWZ<sup>+20</sup>]. **Factors** [AWF23, BM20, CH22, HAP<sup>+22</sup>, HMP22, HEP<sup>+23</sup>, PO22, SMP<sup>+21</sup>, ZWBS21, dVB20a, BHB<sup>+23</sup>, BSR<sup>+23</sup>, HA24]. **Failure** [LSB<sup>+21</sup>]. **Fall** [BGH<sup>+20</sup>, PFGE23, TRB<sup>+21</sup>]. **Familiarity** [GDS<sup>+22</sup>]. **Farms** [RPJ<sup>+21</sup>]. **farther** [PKSG23]. **Fates** [RMB<sup>+20</sup>]. **Features** [GWMP23]. **Fecundity** [AFBRS22, LCIL23c, YDM<sup>+20</sup>]. **Federally** [DEO20, GRM<sup>+21</sup>]. **Feeding** [Owe21, PO22, SSPL20, MMSJ23]. **Female** [GKRH20, OS20, OTW<sup>+22</sup>]. **Females** [HDH<sup>+20</sup>]. **fertile** [HFJ23]. **fidelity** [SWA<sup>+24</sup>]. **Field** [YBB<sup>+23</sup>, AJHB23]. **Fields** [BD22]. **Files** [EMRK20]. **Fin** [IPZK21, LCF20, LLA<sup>+22</sup>, LMA20, LSSB23, MR21a, MCB20]. **Financial** [GDS<sup>+22</sup>]. **Finds** [QBA21]. **Fine** [BCW<sup>+21</sup>, SM22]. **Fine-Scale** [BCW<sup>+21</sup>, SM22]. **Fingerling** [CHL22, WWBM20]. **Fingerlings** [BTZ<sup>+21</sup>, TPPC20]. **first** [MMSJ23]. **first-feeding** [MMSJ23]. **Fish** [AAW<sup>+23</sup>, BBC21, BBB<sup>+21</sup>, CBC<sup>+20</sup>, CSQ<sup>+21</sup>, CLM20, CP21b, CGD<sup>+21</sup>, DBS21, DH21, ELCM22, EMRK20, GRM<sup>+21</sup>, GDS<sup>+22</sup>, HCS<sup>+21</sup>, HGMR21, JWG<sup>+21</sup>, KHB22, KNK22, KQG23, KMS21, KJB<sup>+22</sup>, LL21, LCM<sup>+23</sup>, LGQ<sup>+21</sup>, MdAM21, Mic20a, MSL<sup>+20</sup>, OBR<sup>+20</sup>, PKTZ20, PBD<sup>+22</sup>, RZA<sup>+21</sup>, RFK<sup>+20</sup>, RLS<sup>+23</sup>, RMWK23, SPP<sup>+21</sup>, SVS<sup>+21</sup>, SBF<sup>+23</sup>, SPGP21, TM21, TVG<sup>+21</sup>, TBG<sup>+22</sup>, TSJ20, WSG<sup>+23</sup>, WSK<sup>+22</sup>, YZJ<sup>+21</sup>, ZK22, AJHB23, BSR<sup>+23</sup>, EPD<sup>+24</sup>, HFJ23, HS24, PKSG23, SSR<sup>+24</sup>, WPM<sup>+23</sup>, WHA23]. **Fish-Tancing** [TBG<sup>+22</sup>]. **Fished** [WSK<sup>+22</sup>]. **Fisheries** [BM20, CM22, CP21b, CDBC22, HBT<sup>+21</sup>, KBC<sup>+20</sup>, KQS<sup>+20</sup>, MRK<sup>+22</sup>, MKKN22, Mun22, NLK21, NLW<sup>+20</sup>, PWLH21, PG20, SDF<sup>+21</sup>, SLZ<sup>+20</sup>, GBM23, SSM<sup>+24</sup>]. **Fisheries-Independent** [CP21b]. **Fishers** [WM21, CRNRFL24]. **Fishery** [BCS<sup>+21</sup>, BHT<sup>+20</sup>, HYM<sup>+22</sup>, HDT<sup>+22</sup>, JSH<sup>+21</sup>, MDBC21, MAB<sup>+20</sup>, MSL22, ORWS21, Owe21, PAC22, QBA21, RKP<sup>+22</sup>, SCW<sup>+24</sup>, SDWM21, SCL<sup>+20</sup>, TSBJ20, TJ22, WKM<sup>+21</sup>, WSK<sup>+22</sup>, ZK22, vPM20, CR23, FTLR23, GSML23, GBM23, LOC23]. **Fishery-Dependent** [SDWM21].

**Fishery-Independent** [WSK<sup>+</sup>22]. **Fishes** [BSC<sup>+</sup>21, BMAM22, HRM<sup>+</sup>22, HMP22, HGH<sup>+</sup>21, LRM<sup>+</sup>20, LHB<sup>+</sup>23, MR21a, MBCH22, NLB21, RRB<sup>+</sup>22, YSS22, ZMA20, EPD<sup>+</sup>24, HGH<sup>+</sup>23, MSSS23, NMS<sup>+</sup>23, SDR24, SPM<sup>+</sup>24]. **Fishing** [AZL<sup>+</sup>21, BOB<sup>+</sup>21, CLRL22, CAZ<sup>+</sup>21, DDT<sup>+</sup>20, ERCB22, FM20, HYM<sup>+</sup>22, MSP<sup>+</sup>22, Mun22, TBIJ21, TBG<sup>+</sup>22, YZJ<sup>+</sup>21, ZLM21]. **fishless** [KSP<sup>+</sup>24]. **Fishway** [RFK<sup>+</sup>20, SBB23, PTFZ23, SFM23]. **fixed** [BSR<sup>+</sup>23]. **Flathead** [BBKJ21, BOB<sup>+</sup>21, MS21a, MS22, MK21, NKK21, PTCZ22, SL21, SMP<sup>+</sup>21, WM21]. **Flexible** [OTBB23]. **Flexible-Pass-Through** [OTBB23]. **Flood** [FPR20]. **Flood-Prone** [FPR20]. **Floodplain** [SCMJF20, dVB20b]. **Florida** [CH22, ERCB22, LMA23, TPPC20]. **Flounder** [SDWM21]. **Flow** [BGC<sup>+</sup>21, DBS21, FDG<sup>+</sup>21, NRJ<sup>+</sup>20, PAE<sup>+</sup>23, ROP<sup>+</sup>23, SMM<sup>+</sup>22]. **Flows** [TPA<sup>+</sup>21, PAE<sup>+</sup>23]. **Fluvial** [HSP21]. **Follow** [BOB<sup>+</sup>21]. **Follow-Up** [BOB<sup>+</sup>21]. **Following** [AZL<sup>+</sup>21, KHD<sup>+</sup>22, LMA23, SGH<sup>+</sup>21, WZG22, SMB23]. **Food** [MR21a, RZK<sup>+</sup>21, SPY<sup>+</sup>20, WA23]. **Footrope** [HLDK21]. **Forage** [AAW<sup>+</sup>23, KDO<sup>+</sup>22]. **Foraging** [SG22]. **Fore** [TCB<sup>+</sup>21]. **Forebay** [AWZ<sup>+</sup>20]. **Forensic** [WMJ<sup>+</sup>24]. **Forest** [GWMP23]. **Fork** [RSK<sup>+</sup>21]. **Form** [BDC22]. **formalin** [BSR<sup>+</sup>23]. **formalin-fixed** [BSR<sup>+</sup>23]. **Formats** [LTB<sup>+</sup>22]. **Fort** [SNLD21]. **Forward** [MNA<sup>+</sup>20]. **Fouling** [CJP<sup>+</sup>21]. **Four** [HJB<sup>+</sup>21, LHR<sup>+</sup>20, RZK<sup>+</sup>21, SVS<sup>+</sup>21, KHB24]. **Fragmented** [Sin21, LOV<sup>+</sup>23]. **Frame** [KBDI21]. **Francisco** [BSC<sup>+</sup>21]. **Frequency** [CMBR20, EMRK20, MS22, MSZ<sup>+</sup>23, MSP21, PTCZ22, SB21b]. **Frequent** [CDB22]. **Freshwater** [HIF21, KBDA21, MR21a, QBA21, BSR<sup>+</sup>23]. **Front** [LCIL23b]. **Frozen** [BBC21]. **fuel** [CR23]. **Future** [GDS<sup>+</sup>22, KS21, LCM<sup>+</sup>23, PKNS21, TPC<sup>+</sup>22, PBEK23]. **Fyke** [TCB<sup>+</sup>21]. **Fyke-Net** [TCB<sup>+</sup>21].

**Gafftopsail** [CHO24]. **Gag** [CLRL22]. **gains** [GBM23]. **Gar** [AKC20, AP20, BS20, DAS20, HDH<sup>+</sup>20, KS20, KDB<sup>+</sup>20, LBH21, LSP20, SCMJF20, SDB<sup>+</sup>20, SBD<sup>+</sup>20, SSPL20, SLP20, SSSP22, TLSP20]. **Gastrically** [DPR<sup>+</sup>20]. **Gear** [GET22, MDA21, PSS20, WSK<sup>+</sup>22]. **Gears** [RPEF<sup>+</sup>23]. **Generating** [CVD<sup>+</sup>20]. **generosa** [HA24]. **Genetic** [AWG<sup>+</sup>20, Ano22a, BAH<sup>+</sup>20, BVP<sup>+</sup>21, BHCC23, CHB<sup>+</sup>23, CKB<sup>+</sup>21, DC22, DRPW21, EFK<sup>+</sup>23, HHH<sup>+</sup>22, HHH<sup>+</sup>23, JSH<sup>+</sup>21, KLR<sup>+</sup>21, LOV<sup>+</sup>23, LHR<sup>+</sup>20, LEHP21, MWASW20, MKK<sup>+</sup>21, WPGC21, Ano23g]. **Genetics** [BSC<sup>+</sup>21, BDHP20, TLSP20]. **genomes** [BSR<sup>+</sup>23]. **Genomic** [AWO21]. **genomics** [LHPS<sup>+</sup>24]. **Genotyping** [MBP<sup>+</sup>22]. **Genotyping-in-Thousands-by-Sequencing** [MBP<sup>+</sup>22]. **geochemistry** [WMJ<sup>+</sup>24]. **geoduck** [HA24]. **Geographical** [ZJL<sup>+</sup>21]. **Geometric** [ZJL<sup>+</sup>21]. **Geomorphic** [HSP21]. **Georgia** [TBIJ21, YBH24]. **Ghost** [MSP<sup>+</sup>22]. **Gila** [MSD<sup>+</sup>22]. **Gill** [BWM22, HLDK21, Kin22, RAB<sup>+</sup>20, SWJ<sup>+</sup>21, TCL<sup>+</sup>21]. **Gill-Net** [BWM22, HLDK21, Kin22]. **Gillnetting** [WGKB20]. **Gizzard** [CHL22, KNK22, STP<sup>+</sup>21]. **Glacial** [BSKM20, DNW<sup>+</sup>22, MW20, EPD<sup>+</sup>24].

**Gloves** [LL21]. **Gold** [RKP<sup>+</sup>22]. **goldeye** [MRW<sup>+</sup>24]. **good** [EPD<sup>+</sup>24].  
**Gowan** [Ano22a]. **Grade** [BBO20, LRM<sup>+</sup>20]. **Gradients** [NRJ<sup>+</sup>20]. **Grand**  
 [HSS<sup>+</sup>20]. **Grande** [COT20]. **Grandparent** [DC22]. **Grass**  
 [CBS21, FNB<sup>+</sup>22, HBV<sup>+</sup>21, HBR<sup>+</sup>23, HCP<sup>+</sup>23, YBB<sup>+</sup>23, ZZWX20].  
**Grayling** [GBJ21, MRM<sup>+</sup>21, RM21, SYHF24]. **Great**  
 [CFB<sup>+</sup>24, FNB<sup>+</sup>22, RZK<sup>+</sup>21, YDM<sup>+</sup>20, BKE22, NMS<sup>+</sup>23, SDF<sup>+</sup>21].  
**Greater** [DAS20, GRM<sup>+</sup>21]. **Green** [BQR<sup>+</sup>20, ZK22, IDH<sup>+</sup>23, SHI22].  
**Grounds** [DPR<sup>+</sup>20, WB24]. **Groundwater** [WB21].  
**Groundwater-Influenced** [WB21]. **Groupers** [RMB<sup>+</sup>20]. **Grow** [NLK21].  
**Growth** [AOB<sup>+</sup>22, BKM21, CH22, CLSM20, CBS21, CDB22, EP21, ESCI21,  
 HMQM22, HGSS20, HJB<sup>+</sup>21, JJD<sup>+</sup>23, LMO21, NLK21, NHC<sup>+</sup>20, RCD20,  
 SHI22, SR20, SPY<sup>+</sup>20, WD21, ZMA20, EPD<sup>+</sup>24, MMJW23, TO23].  
**guarding** [PK24]. **Guatemala** [QBA21]. **Guide** [STB<sup>+</sup>21]. **Guided**  
 [CVD<sup>+</sup>20]. **Gulf** [AS20, AWG<sup>+</sup>20, AOB<sup>+</sup>22, CTJS<sup>+</sup>22, SCL<sup>+</sup>20, WSK<sup>+</sup>22,  
 CLRL22, GRM<sup>+</sup>21, NLW<sup>+</sup>20, PAC22, PG20].

**Habitat** [AKC20, BCW<sup>+</sup>21, BBKJ21, BHT<sup>+</sup>21, COT20, CTJS<sup>+</sup>22, CP21b,  
 GKRH21, GWM21, HQWD20, HDQ22, HCP<sup>+</sup>23, JDO<sup>+</sup>20, KR23, MDHQ22,  
 MVM<sup>+</sup>23, MSP21, MSV<sup>+</sup>21, NLB21, PC20, PBD<sup>+</sup>22, RH20, RWS<sup>+</sup>21,  
 RMR<sup>+</sup>22, SSF<sup>+</sup>23, SKWR23, SSH22, TVG<sup>+</sup>21, WW20, WSK<sup>+</sup>22, YZJ<sup>+</sup>21,  
 ZK22, CFGZ23, McK23, ROP<sup>+</sup>23, SSR<sup>+</sup>24]. **Habitat-Based** [WSK<sup>+</sup>22].  
**Habitats** [HBR<sup>+</sup>23, KHD<sup>+</sup>22, RGMH20, SCMJF20, SMM<sup>+</sup>22, HLSW23].  
**Habituate** [DS20]. **hake** [LHPS<sup>+</sup>24]. **Half** [OTBB23]. **Half-Duplex**  
 [OTBB23]. **Halibut** [LDH<sup>+</sup>22]. **Hand** [BOB<sup>+</sup>21]. **Handling**  
 [CJN<sup>+</sup>21, GRA<sup>+</sup>22, LL21]. **Hard** [MGNP22]. **Hard-** [MGNP22]. **Harris**  
 [WCSL22]. **Harry** [HBR<sup>+</sup>23]. **Harvest**  
 [ARK<sup>+</sup>21, CFPSW21, CM22, HDT<sup>+</sup>22, KBC<sup>+</sup>20, MKKN22, Mun22,  
 NMBM21, ORWS21, RJ22, SHWW22, SSSP22, WW21]. **hatch** [WMB23].  
**Hatchability** [MKG<sup>+</sup>22]. **Hatchery** [BHT<sup>+</sup>21, BHCC23, COT20, CEH<sup>+</sup>20,  
 DC22, ELCM22, FDG<sup>+</sup>21, HDP<sup>+</sup>22, HHH<sup>+</sup>22, HHH<sup>+</sup>23, JWG<sup>+</sup>21, KFG22,  
 LMN<sup>+</sup>20, LMA20, MNA<sup>+</sup>20, MWMH22, PE21, RAHS20, SCN<sup>+</sup>21, WRH<sup>+</sup>21,  
 Ano23g, HGH<sup>+</sup>23, KHL<sup>+</sup>24, PO24, WB24, ZAK<sup>+</sup>23]. **Hatchery-**  
 [WRH<sup>+</sup>21, PO24, ZAK<sup>+</sup>23]. **Hatchery-Origin** [RAHS20, SCN<sup>+</sup>21].  
**Hatchery-Produced** [MWMH22]. **Hatchery-Reared**  
 [FDG<sup>+</sup>21, LMN<sup>+</sup>20, LMA20, PE21, HGH<sup>+</sup>23]. **Hatching**  
 [ESCI21, GKRH20, LSP20]. **Haul** [LGOM22]. **Head** [LBH21]. **Headwater**  
 [Bar21, CDB22, HSW21, HCS<sup>+</sup>21, RRL<sup>+</sup>21]. **Health** [KHB22]. **Heavily**  
 [CBLW21]. **heavy** [GBM23]. **Help** [JOH<sup>+</sup>22, TSJ20]. **Henrys** [MVH<sup>+</sup>22].  
**Herding** [RLS<sup>+</sup>23, RAH<sup>+</sup>23]. **herring** [HCO<sup>+</sup>24, SLD<sup>+</sup>23]. **Hidden**  
 [RMB<sup>+</sup>20]. **Hierarchical** [PS21]. **High** [EMRK20, KNC<sup>+</sup>20, MSSS23].  
**High-Density** [EMRK20]. **Highland** [CLTJ21, RWS<sup>+</sup>21]. **Highly** [MDA21].  
**Historical** [LCM<sup>+</sup>23, MSLP22, NMW<sup>+</sup>21, WAKO21]. **historically**  
 [LOV<sup>+</sup>23]. **History** [AWO21, BBP20, CLSM20, DNW<sup>+</sup>22, DBCS20,  
 DRPW21, HNM<sup>+</sup>22, KFG22, SG21]. **Holding** [SFFW21]. **home** [RHFU24].

**Homeward** [WRH<sup>+</sup>21]. **Hooked** [WSK<sup>+</sup>22]. **Hooking** [CJN<sup>+</sup>21, GC21]. **Hoop** [TPC21b]. **Hormones** [HBTE22]. **Hudson** [PA21]. **Hull** [BD22]. **Hulls** [CJP<sup>+</sup>21]. **Human** [KBDA21]. **Humpback** [HSS<sup>+</sup>20, SPY<sup>+</sup>20]. **Huron** [PO22]. **Hybridization** [LEHP21, PJD<sup>+</sup>21, TLSP20]. **Hybrids** [HBT<sup>+</sup>21, LSB<sup>+</sup>21, NLK21]. **Hydraulic** [WCSL22, SFM23]. **Hydro** [SMM<sup>+</sup>22]. **Hydro-Regulated** [SMM<sup>+</sup>22]. **Hydroacoustic** [MSV<sup>+</sup>21]. **Hydrodynamic** [SKWR23]. **Hydroelectric** [CVD<sup>+</sup>20]. **Hydrography** [DGJ<sup>+</sup>22]. **Hydrokinetic** [CFHS22]. **Hydrologic** [ESCI21, SBD<sup>+</sup>20]. **Hydrologically** [DBS21]. **Hydrology** [EP21]. **Hydropeaking** [SKGL22]. **Hydropower** [AWZ<sup>+</sup>20, BPL<sup>+</sup>21, WSG<sup>+</sup>23]. **Hyperstability** [SWM22]. **hyperstable** [GBM23]. **hypotheses** [PKSG23].

**Ice** [GGW21, KSJ<sup>+</sup>20, SGH<sup>+</sup>21]. **Ichthyoplankton** [KBDI21]. **Ictalurid** [Rac21]. **Idaho** [HDQ22, HDT<sup>+</sup>22, GGWV22, GKT<sup>+</sup>22, MVH<sup>+</sup>22, RSK<sup>+</sup>21, RMR<sup>+</sup>22, WD21, WMJ<sup>+</sup>24]. **Identification** [BS20, DRPW21, EMRK20, JSH<sup>+</sup>21, LMA20]. **identifies** [WMJ<sup>+</sup>24]. **Identify** [BB21b, DC22, GWMP23, LSB<sup>+</sup>21, MWR21, RR23]. **Identifying** [KSJ<sup>+</sup>20, STB<sup>+</sup>21, SM22, SLZ<sup>+</sup>20, TVG<sup>+</sup>21]. **Identity** [GDS<sup>+</sup>22]. **illegal** [WMJ<sup>+</sup>24]. **Illinois** [AAW<sup>+</sup>23, PBK<sup>+</sup>23, SMCEF<sup>+</sup>23, ZLM21]. **Image** [HJ21]. **Image-Based** [HJ21]. **Imagery** [AFBRS22, LRM<sup>+</sup>20]. **Imaging** [CHJ<sup>+</sup>22, HL23, NKG23]. **Immersion** [LL21, SLP20]. **Impact** [TSBJ20]. **Impacts** [CFPSW21]. **Impair** [HSF<sup>+</sup>22]. **Impairment** [CRH<sup>+</sup>22]. **Impart** [ZSLG21]. **Impassable** [KES<sup>+</sup>21]. **Impedance** [CFCN20]. **impeller** [WPM<sup>+</sup>23]. **Imperfect** [KPD<sup>+</sup>24, HFJ23]. **Imperiled** [BBB<sup>+</sup>21, OBR<sup>+</sup>20, HGH<sup>+</sup>23]. **Implant** [BR21, LFS20, MB21]. **Implantation** [CCL<sup>+</sup>22, LL21]. **Implementation** [KR23, SSF<sup>+</sup>23]. **Implemented** [ORWS21]. **Implications** [AMR<sup>+</sup>23, BQR<sup>+</sup>20, CTJS<sup>+</sup>22, CKB<sup>+</sup>21, ESCI21, HBV<sup>+</sup>21, HBR<sup>+</sup>23, HLM<sup>+</sup>23, Kep21, KBDA21, LCF20, MRM<sup>+</sup>21, MKK<sup>+</sup>21, NRJ<sup>+</sup>20, RG20, RLS<sup>+</sup>23, RAHS20, RCR21, SPM<sup>+</sup>24, SMM<sup>+</sup>22, CHO24, JJD<sup>+</sup>23, LHB<sup>+</sup>23, MSSS23, PAE<sup>+</sup>23, RAH<sup>+</sup>23]. **Importance** [GvRSS21, GWM21, MDD<sup>+</sup>23, MSV<sup>+</sup>21]. **Important** [NMW<sup>+</sup>21, Gep23]. **Impounded** [HRM<sup>+</sup>22]. **Impoundment** [KNK22, Mic20a]. **Impoundments** [MKKN22, Mic20b, PSS21, CEC<sup>+</sup>24]. **Imprinting** [CLBL22]. **Improve** [WGBK22, CRNRFL24, MMJW23, SBW<sup>+</sup>23]. **Improved** [EMRK20, MdAM21]. **Improvement** [KQG23]. **improves** [ROP<sup>+</sup>23]. **Improving** [CDBC22, GSML23, KHJS22, MK21, PBEK23]. **In-River** [WRH<sup>+</sup>21]. **In-Stream** [CEH<sup>+</sup>20, PC20]. **Incidental** [MDBC21]. **Including** [BMAM22, HBTE22]. **Incorporating** [DWGR21, ECC22, RAB<sup>+</sup>20]. **Increase** [PJD<sup>+</sup>21, WGKB20]. **Increased** [ELCM22, RHUM<sup>+</sup>23]. **Increases** [FDG<sup>+</sup>21, PC20]. **Increasing** [PST<sup>+</sup>20, RRB20, RSM<sup>+</sup>23]. **Incubate** [SCN<sup>+</sup>21]. **Incubation** [SMM<sup>+</sup>22]. **Incubators** [CEH<sup>+</sup>20, MRM<sup>+</sup>21, SCN<sup>+</sup>21]. **Independent** [CP21b, MCB20, WSK<sup>+</sup>22]. **Index** [CSLW22]. **Indexing** [BGH<sup>+</sup>20, TPC21b]. **Indicates**

[LCIL23a, EFK<sup>+</sup>23]. **Indicators** [KHB22]. **Indices** [BWM22, DNW<sup>+</sup>22, PHG<sup>+</sup>23, SDWM21]. **Indirect** [RAB<sup>+</sup>20]. **industry** [SPM<sup>+</sup>24]. **inexpensive** [RH23]. **Infection** [RAHS20, SMB23]. **Infer** [Rac21]. **Inference** [DC22]. **inferences** [KPD<sup>+</sup>24]. **Inferred** [HRS<sup>+</sup>20, MBCH22, SSPL20]. **Influence** [BKM21, DBS21, FMM20, GGW21, KQS<sup>+</sup>20, LLE22, MR21b, ZLM21, BHB<sup>+</sup>23, CR23, LHB<sup>+</sup>24]. **Influenced** [Mun22, WB21]. **Influences** [BFM<sup>+</sup>22, HMP22, RGMH20]. **Influencing** [BM20, dVB20a, BSR<sup>+</sup>23]. **Inform** [FNB<sup>+</sup>22]. **Information** [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano24a, Ano24b, KLR<sup>+</sup>21, SWJ<sup>+</sup>21]. **Informative** [SLZ<sup>+</sup>20]. **Informing** [MVH<sup>+</sup>22, KPD<sup>+</sup>24]. **Informers** [CBC<sup>+</sup>20, KFG22]. **Infrastructure** [AWZ<sup>+</sup>20]. **Ingestion** [PE21]. **Initially** [DS20]. **Initiative** [LHWS23]. **injection** [HCO<sup>+</sup>24]. **Injuries** [TCL<sup>+</sup>21]. **Injury** [CMBR20]. **Inland** [RSO23, TBG<sup>+</sup>22]. **inlet** [KHL<sup>+</sup>24]. **Inshore** [TJ22]. **Insight** [KFG22, WTW<sup>+</sup>23]. **Insights** [NRJ<sup>+</sup>20, SDF<sup>+</sup>21]. **Instream** [NRJ<sup>+</sup>20]. **Intake** [AWZ<sup>+</sup>20]. **Integrated** [CJP<sup>+</sup>21, CGD<sup>+</sup>21, DWSM21, DWGR21, FHA<sup>+</sup>21, GK21, HIF21, HMB21, KFG22, MVH<sup>+</sup>22, OTBB23, SG21, SBB23, TRB<sup>+</sup>21]. **Integrity** [MWASW20]. **Interactions** [CLSM20, CHJ<sup>+</sup>22, CFHS22, HMO<sup>+</sup>21, WB24]. **Interbasin** [MW20]. **intercept** [CRNRFL24]. **Interconnected** [MW20, SGM<sup>+</sup>20]. **Intermittent** [HUTB21, RZA<sup>+</sup>21]. **internal** [CFB<sup>+</sup>24, DSW<sup>+</sup>24]. **Interpopulation** [CFCN20]. **Interpretations** [ORL<sup>+</sup>22]. **Interspecific** [EPD<sup>+</sup>24]. **Interventions** [ERT21]. **Intra** [ASDW23]. **Intra-Annual** [ASDW23]. **intraperitoneal** [HCO<sup>+</sup>24]. **Introduced** [KMS21, LEHP21, RWS<sup>+</sup>21, RBFQ20, RCR21, SDL<sup>+</sup>23, SLE21]. **Introduction** [CP21a, GK21, HMB21, SK23, SDB<sup>+</sup>20, VF21, WMJ<sup>+</sup>24]. **Invasion** [LCIL23b, PJD<sup>+</sup>21]. **Invasive** [CSWP23a, CSWP23b, FNT21, FNB<sup>+</sup>22, GET22, GvRSS21, GWMP23, HMP22, HJB<sup>+</sup>21, HIF21, HMO<sup>+</sup>21, KQG23, NF21, PBK<sup>+</sup>23, PJD<sup>+</sup>21, PKTZ20, RPEF<sup>+</sup>23, SGK<sup>+</sup>22, SMP<sup>+</sup>21, SWJ<sup>+</sup>21, WGBK22, AMR<sup>+</sup>23, PK24, SPM<sup>+</sup>24, SCP<sup>+</sup>23]. **Investigation** [PFGE23, UHB<sup>+</sup>23]. **Investments** [BDG<sup>+</sup>23]. **Invisible** [HMP22]. **Iowa** [KS21, MK21, WWBM20, WW20]. **Irrigation** [MLB21]. **Isolated** [SNLD21]. **Isotope** [FMM20, RGHF23]. **Isotopes** [MR21a, SSPL20, WZG22]. **Issue** [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano24a, Ano24b].

**James** [SL21, MWMH22]. **Japanese** [PK24, SLL<sup>+</sup>21]. **japonica** [SLL<sup>+</sup>21]. **Jinsha** [LGQ<sup>+</sup>21, YZJ<sup>+</sup>21]. **Jonah** [OS20]. **Juvenile** [AAW<sup>+</sup>23, BS20, BPT21, BDC22, DMBC23, EPB<sup>+</sup>22, FMM20, HJ21, HEP<sup>+</sup>23, HBTE22, IPZK21, KSJ<sup>+</sup>20, MGNP22, PFGE23, PA21, PE21, PO22, RPJ<sup>+</sup>21, RCD22, SWTH21, WSG<sup>+</sup>23, CBKH23, GWRF24, SKBB24, WA23].

**Juveniles** [CEH<sup>+</sup>20].

**Kansas** [DHWP21, MKKN22, NLK21, SWJ<sup>+</sup>21]. **Keep** [HMP22]. **Keys** [DMBC23]. **Klamath** [CBKH23, KJB<sup>+</sup>22, KJB<sup>+</sup>22, TPA<sup>+</sup>21]. **Klickitat** [CHB<sup>+</sup>23, ZAK<sup>+</sup>23]. **Knowledge** [SDB<sup>+</sup>20, CDG<sup>+</sup>23]. **Known** [HGSS20, ORL<sup>+</sup>22, SHI22]. **Known-Age** [HGSS20, ORL<sup>+</sup>22, SHI22]. **Kokanee** [AWZ<sup>+</sup>20, BWM22, HMO<sup>+</sup>21, KQS<sup>+</sup>20, MVM<sup>+</sup>23]. **Kvichak** [CFHS22].

**Laboratory** [AJHB23, LSP20, WPM<sup>+</sup>23, WA23, MMJW23]. **Labrador** [GBM23]. **Lacustrine** [GKRH21]. **LaGrange** [AAW<sup>+</sup>23]. **Lake** [AZL<sup>+</sup>21, BAH<sup>+</sup>20, BSKM20, BB21a, BHT<sup>+</sup>20, CBB<sup>+</sup>23, HNM<sup>+</sup>22, HDQ22, HDT<sup>+</sup>22, HMQM22, HBTE22, HMO<sup>+</sup>21, IPZK21, IDH<sup>+</sup>23, KDM<sup>+</sup>23, LMN<sup>+</sup>20, LLE22, LMA20, MKG<sup>+</sup>22, MDD<sup>+</sup>23, MVH<sup>+</sup>22, MWASW20, MNA<sup>+</sup>20, MW20, MBCH22, MPM21, ORL<sup>+</sup>22, PKTZ20, PO22, RH20, SSS<sup>+</sup>22, SLG<sup>+</sup>23, SHI22, SGK<sup>+</sup>22, SSH22, SLE21, SGM<sup>+</sup>20, TCM20, WGBK20, WGBK22, ZK22, CEB<sup>+</sup>23, CR23, KSP<sup>+</sup>24, PK24, CBKH23, CEB<sup>+</sup>23, CLBL22, EFK<sup>+</sup>23, FFG20, FHR21, HBV<sup>+</sup>21, HMQM22, KDM<sup>+</sup>23, KJB<sup>+</sup>22, LHR<sup>+</sup>20, MKG<sup>+</sup>22, MBF<sup>+</sup>23, McK23, PKTZ20, SM22, TLSP20, WMJ<sup>+</sup>24, WGBK22]. **Lakes** [ASDW23, BGH<sup>+</sup>20, BFLI22, BFM<sup>+</sup>22, CH22, CSQ<sup>+</sup>21, DKEI20, DNW<sup>+</sup>22, GHA<sup>+</sup>23, GBJ<sup>+</sup>22, GKT<sup>+</sup>22, HGSS20, LHR<sup>+</sup>20, LLE22, SSF<sup>+</sup>23, SVS<sup>+</sup>21, SPGP21, TPPC20, TBG<sup>+</sup>22, WD21, WWBM20, ZMA20, BHB<sup>+</sup>23, EPD<sup>+</sup>24, CFB<sup>+</sup>24, FNB<sup>+</sup>22, PO22, RZK<sup>+</sup>21, YDM<sup>+</sup>20]. **Lampetra** [ACGF23]. **Lamprey** [JDO<sup>+</sup>20, LHWS23, MLB21, ACGF23, LHB<sup>+</sup>23, LCVS23, PTFZ23, CFGZ23, HLJ<sup>+</sup>23, MMJW23, PHW<sup>+</sup>23, WTW<sup>+</sup>23]. **Lampreys** [ACGF23, CHS<sup>+</sup>22, KNC<sup>+</sup>20, LHB<sup>+</sup>23, RG20, BHS<sup>+</sup>23, HLSW23, LHWS23, Gep23, MMSJ23, SCDS23]. **Lands** [RSO23]. **Landscape** [HW22, MML<sup>+</sup>22]. **Landscape-Scale** [HW22]. **Landscapes** [DBS21]. **Lapse** [ECC22]. **Large** [BPL<sup>+</sup>21, BGC<sup>+</sup>21, GGWV22, HRM<sup>+</sup>22, HDH<sup>+</sup>20, HCP<sup>+</sup>23, MGMP21, MQK<sup>+</sup>20, MK21, OTBB23, PFGE23, PTCZ22, RWS<sup>+</sup>21, RPEF<sup>+</sup>23, SLL<sup>+</sup>21, SBF<sup>+</sup>23, WWBM20, WDPH22, dVB20b, HS24]. **Large-River** [RPEF<sup>+</sup>23, HS24]. **Large-Scale** [BGC<sup>+</sup>21]. **Largemouth** [AZL<sup>+</sup>21, BTZ<sup>+</sup>21, BDHP20, CAZ<sup>+</sup>21, HDP<sup>+</sup>22, LMA23, MSW22, SW22, TPPC20, WD21, CEC<sup>+</sup>24, LHB<sup>+</sup>24]. **larger** [PKSG23]. **Largest** [HYM<sup>+</sup>22]. **Larvae** [JDO<sup>+</sup>20, dVB20b, RHUM<sup>+</sup>23]. **Larval** [CHS<sup>+</sup>22, CHL22, HRS<sup>+</sup>20, KBDI21, MGMP21, MLB21, RPEF<sup>+</sup>23, BHS<sup>+</sup>23, HLSW23, LHB<sup>+</sup>23, MMJW23, MMSJ23]. **Late** [AZL<sup>+</sup>21]. **Late-Season** [AZL<sup>+</sup>21]. **Latitude** [MPM21]. **Laurentian** [CFB<sup>+</sup>24, FNB<sup>+</sup>22, RZK<sup>+</sup>21]. **Leading** [AWG<sup>+</sup>20]. **Leads** [DGJ<sup>+</sup>22]. **Leap** [SHFP20]. **Learned** [CBC<sup>+</sup>20, CRNRFL24]. **Leech** [LHR<sup>+</sup>20]. **Legacy** [Rac21]. **Lemon** [HCC<sup>+</sup>21]. **Length** [BBC21, BBFQ21, BKE22, BB21a, BBMC23, DGJ<sup>+</sup>22, DMBC23, HBBS22, KQS<sup>+</sup>20, MSW22, Mic20b, MDA21, SL21, STP<sup>+</sup>21, MRW<sup>+</sup>24].



**Length-Based** [HBBS22, SL21]. **Lens** [RGHF23]. **Lentic** [RGMH20]. **Less** [GC21]. **Lessons** [CBC<sup>+</sup>20, CRNRFL24]. **Level** [AWO21, SW22, TBIJ21, SSM<sup>+</sup>24, SMB23]. **Levels** [ARK<sup>+</sup>21, MBW21, ZSLG21]. **Leverage** [SCMJF20]. **License** [TBG<sup>+</sup>22, ZLM21]. **Licensing** [RJ22]. **Life** [AWO21, AWRL23, BBP20, BBB<sup>+</sup>21, CLSM20, DNW<sup>+</sup>22, DBCS20, DRPW21, HNM<sup>+</sup>22, KUV<sup>+</sup>23, KFG22, SG21, WWK<sup>+</sup>23, AJHB23, PHW<sup>+</sup>23]. **Life-History** [DNW<sup>+</sup>22]. **Lifespan** [LKP<sup>+</sup>21]. **Light** [KBDI21, LTL<sup>+</sup>23, dVB20a, dVB20b, AJHB23]. **light-emitting-diode-lit** [AJHB23]. **Limestone** [HKPP20]. **Limitations** [MSL<sup>+</sup>20]. **Limited** [BW22, DNW<sup>+</sup>22, ORWS21, SLZ<sup>+</sup>20]. **Limits** [BKE22, CM22, KBC<sup>+</sup>20, MSW22, MDA21]. **Line** [GC21]. **lit** [AJHB23]. **Little** [SPY<sup>+</sup>20]. **littoral** [SSR<sup>+</sup>24]. **Live** [CTJS<sup>+</sup>22, MML<sup>+</sup>22, SPM<sup>+</sup>24, LHB<sup>+</sup>24, NKG23]. **Live-bait** [SPM<sup>+</sup>24]. **Live-Bottom** [CTJS<sup>+</sup>22]. **live-imaging** [NKG23]. **live-well** [LHB<sup>+</sup>24]. **Livestock** [KR23]. **Lobster** [SCL<sup>+</sup>20]. **Location** [HBTE22, MR21b, SGM<sup>+</sup>20, ZSLG21]. **Location-Dependent** [ZSLG21]. **Locations** [IDH<sup>+</sup>23, KSJ<sup>+</sup>20, SFFW21, MBF<sup>+</sup>23]. **Lock** [DS20, LBH21, LTL<sup>+</sup>23]. **Logging** [LDH<sup>+</sup>22]. **Long** [CBS21, LMA23, Mun22, PA21, SGH<sup>+</sup>21, GBM23, HA24]. **Long-Distance** [SGH<sup>+</sup>21]. **Long-Term** [CBS21, LMA23, Mun22, PA21, GBM23, HA24]. **Longline** [LDH<sup>+</sup>22]. **Longlines** [GC21]. **Loons** [MRK<sup>+</sup>22]. **Lost** [EPB<sup>+</sup>22, KJB<sup>+</sup>22]. **Lotic** [SR20]. **Louisiana** [SDWM21]. **Low** [AWZ<sup>+</sup>20, HCS<sup>+</sup>21, LBH21, MS22, MSZ<sup>+</sup>23, MSP21, PTCZ22, SB21b, SMB23, KHL<sup>+</sup>24]. **Low-Conductivity** [HCS<sup>+</sup>21]. **Low-Frequency** [MS22, MSZ<sup>+</sup>23, MSP21, PTCZ22, SB21b]. **Low-level** [SMB23]. **Lower** [DPR<sup>+</sup>20, AKC20, AP20, HCM<sup>+</sup>22, SL21]. **Lowland** [HCS<sup>+</sup>21].

**M** [ACRB22]. **macabre** [PBEK23]. **Macrhybopsis** [PBEK23]. **Macrohabitat** [LBH21]. **Macroscopic** [KHB22]. **Mad** [KFG22]. **Made** [MCB20]. **Madtom** [CKB<sup>+</sup>21, JCB<sup>+</sup>21, UHB<sup>+</sup>23]. **magellanicus** [LOC23]. **Magnitude** [PBK<sup>+</sup>23]. **Main** [CSQ<sup>+</sup>21, PE21, BHS<sup>+</sup>23]. **Main-Stem** [PE21, BHS<sup>+</sup>23]. **Maine** [PTFZ23, KKMA23, SCL<sup>+</sup>20]. **Male** [MSM21, OS20, OTW<sup>+</sup>22, PK24, BSKSK24, SWA<sup>+</sup>24]. **Manage** [BSKM20, MSL<sup>+</sup>20]. **Managed** [GRM<sup>+</sup>21]. **Management** [BGC<sup>+</sup>21, BQR<sup>+</sup>20, BDG<sup>+</sup>23, CBS21, CDBC22, CJP<sup>+</sup>21, CGD<sup>+</sup>21, ESCI21, FNT21, FHA<sup>+</sup>21, GK21, HDT<sup>+</sup>22, HIF21, HMB21, KLR<sup>+</sup>21, Kep21, KFG22, KBDA21, MDBC21, MBW21, MVH<sup>+</sup>22, MKK<sup>+</sup>21, Mun22, NRJ<sup>+</sup>20, PAC22, RLS<sup>+</sup>23, RAHS20, SNLD21, STB<sup>+</sup>21, SDF<sup>+</sup>21, SMM<sup>+</sup>22, SDB<sup>+</sup>20, SLZ<sup>+</sup>20, TSBJ20, TJ22, TPA<sup>+</sup>21, YSS22, AMR<sup>+</sup>23, GBM23, LHB<sup>+</sup>23, MSSS23, PBEK23, SCW<sup>+</sup>24, SBW<sup>+</sup>23]. **Managers** [BPT21]. **Managing** [DBCS20, FHK23, HMP22, PWLH21, PAE<sup>+</sup>23]. **Manitoba** [MNA<sup>+</sup>20]. **Maps** [BBO20]. **Marine** [CLSM20, KBC<sup>+</sup>20, LFS20, KHL<sup>+</sup>24, WTW<sup>+</sup>23]. **Mark** [DWGR21, HKPP20, SHI22, SWA<sup>+</sup>24, ZSLG21, FTLR23, HS24].

**mark-recapture** [HS24]. **mark-selective** [FTLR23]. **Markers** [LSB+21].  
**Marking** [LCF20, LMA20, NKK21, SLP20]. **Markov** [RMB+20]. **Maryland**  
 [HGM22, MKK+21, WCSL22]. **mask** [GBM23]. **Mass** [RLS+23].  
**Massachusetts** [TCB+21]. **Maternal** [HDH+20]. **Maternally** [FMM20].  
**Maternally-Transferred** [FMM20]. **mature** [MMSJ23]. **Maturity** [OS20].  
**Maxillary** [HMQM22]. **Maximum** [BMAM22, Pan21, RHUM+23]. **May**  
 [HDH+20, PA21, SPGP21]. **Medal** [RKP+22]. **Medium** [OTBB23].  
**Menhaden** [NLW+20]. **Mercury** [ARK+21]. **Metabolic** [GRA+22].  
**Metabolism** [BLS23]. **Method**  
 [AFBRS22, EMRK20, LMN+20, LCIL23c, MdAM21, SMM20, TPC+22, RH23].  
**Methods**  
 [CAZ+21, CHS+22, FM20, FNB+22, HRS+20, KS20, LMO21, MB21, NKK21,  
 PSS21, PREBK22, SB21a, SCMJF20, TPC+22, DSW+24, HLSW23].  
**Metrics** [HNM+22, HBBS22]. **Mexico** [AS20, AWG+20, AOB+22, CLRL22,  
 CTJS+22, GRM+21, HTH+21, PAC22, PG20, WSK+22]. **Michigan** [PO22,  
 BHB+23, CEB+23, IDH+23, MKG+22, MDD+23, MRM+21, SHI22, ZK22].  
**Microchemical** [HKPP20]. **Microchemistry**  
 [SGM+20, WWK+23, KKMA23]. **Microfishing** [BDC22]. **Micropterus**  
 [LEHP21, PJD+21]. **Microsatellite** [FLW21]. **Microstructure** [WWK+23].  
**Mid** [AZL+21, Kep21]. **Mid-** [AZL+21]. **Mid-Atlantic** [Kep21]. **Middle**  
 [CSQ+21, OS20]. **Midwest** [SGM+20]. **Midwestern**  
 [KDO+22, MDA21, PKSG23]. **Migrating**  
 [CVD+20, CHJ+22, LGOM22, HAP+22]. **Migration** [AS20, BPL+21, Boo20,  
 BW22, KNC+20, MWR21, MSLP22, MST22, SG21, SM22, CHB+23].  
**Migratory** [CLM20]. **Milford** [PTFZ23]. **minimal** [HLSW23]. **Minimize**  
 [GET22]. **Minimum** [BKE22, MDA21]. **Mining** [RKP+22]. **Minnesota**  
 [GHA+23, HBBS22, KMS21, Sin21]. **Minnow** [COT20, MB21, OBR+20].  
**Miramichi** [ARK+21, HL23]. **misidentification** [KPD+24]. **Mississippi**  
 [AKC20, AWRL23, CSWP23a, CSWP23b, CP21a, LTL+23, WWK+23,  
 WM21, DTK20]. **Missouri**  
 [FFG20, SNLD21, BAH+20, HSP21, HBR+23, Mic20b, WA23, WM21].  
**Mitochondrial** [ACGF23]. **Mitten** [ZJL+21]. **Mixed**  
 [DH21, FLW21, HYM+22, JSH+21, MBP+22]. **Mixed-Stock**  
 [DH21, FLW21, HYM+22, JSH+21, MBP+22]. **Mixing** [IDH+23]. **mm**  
 [TRB+21]. **Moapa** [RBFS20]. **Mobile**  
 [AP20, HLM+23, MDA21, ZWBS21, LSB+21]. **Model**  
 [BB21b, BDG+23, CFPSW21, DWGR21, GWMP23, KUV+23, MVH+22,  
 OMAA22, RAB+20, SKA21, SCW+24, SFM23]. **Modeled**  
 [KDO+22, SHWW22]. **Modeling** [BBB+21, CFCN20, MGMP21, PS21,  
 PJD+21, SSSP22, TCM20, HS24, SBW+23]. **Models**  
 [OBR+20, RMB+20, SCMJF20, SHI22]. **Modern** [TPC+22]. **Modification**  
 [HLDK21, KHD+22]. **Modified** [TSJ20]. **Molecular** [FJH+22, MSD+22].  
**Monitor** [HHH+23]. **Monitoring** [Ano23g, BVP+21, HMP22, HHH+22,  
 KHJS22, KR23, RPEF+23, SG21, CHB+23, WHA23]. **Monkfish** [WKM+21].

**Monongahela** [CFPSW21]. **Montana** [LKD23, SNLD21, VF21]. **Montane** [SLE21]. **Moon** [BWM22]. **Morphometric** [BB21b, GWMP23, OS20, ZJL<sup>+</sup>21]. **Morphometrics** [HJ21, SYHF24]. **Morphometry** [Kin22]. **Mortality** [AOB<sup>+</sup>22, BTZ<sup>+</sup>21, CJN<sup>+</sup>21, CBS21, GGW21, GC21, LDH<sup>+</sup>22, MSW22, MdAM21, NKC<sup>+</sup>23, PFGE23, SSSP22, SCL<sup>+</sup>20, SW22, TSJ20, WW21, WKM<sup>+</sup>21, CEB<sup>+</sup>23, DSW<sup>+</sup>24, FTLR23, HLSW23, LJB<sup>+</sup>24, MLB<sup>+</sup>23, MSSS23]. **mosaic** [LOV<sup>+</sup>23]. **Motor** [DS20]. **Mountain** [RMR<sup>+</sup>22, SG21]. **Movement** [AWRL23, BCW<sup>+</sup>21, BQR<sup>+</sup>20, EMRK20, HBV<sup>+</sup>21, HGH<sup>+</sup>23, HDQ22, HGM22, Kep21, MQK<sup>+</sup>20, MW20, MPM21, WZG22, WB21, SPM<sup>+</sup>24, SSR<sup>+</sup>24]. **Movements** [DTK20, IDH<sup>+</sup>23, LBH21, SGH<sup>+</sup>21, WRH<sup>+</sup>21]. **Moving** [HMP22]. **Mud** [GET22]. **Mudflats** [NHC<sup>+</sup>20]. **Multi** [EPB<sup>+</sup>22]. **Multi-Predator** [EPB<sup>+</sup>22]. **multidecadal** [CRNRFL24]. **Multidimensional** [SBW<sup>+</sup>23]. **Multigeneration** [HHH<sup>+</sup>22, HHH<sup>+</sup>23, Ano23g]. **Multipass** [BOHA20]. **Multiple** [HQWD20, LTL<sup>+</sup>23, SKA21, WWK<sup>+</sup>23, CFB<sup>+</sup>24, PKSG23]. **Multiscale** [TO23]. **Multispecies** [RFK<sup>+</sup>20]. **Multistate** [OMAA22]. **Muskellunge** [BCS<sup>+</sup>21, BLS23, DKEI20, GHA<sup>+</sup>23, HGM22, HGSS20, KMS21, KSP22, KBDI21, LHR<sup>+</sup>20, MW20, MCB20, PWLH21, SHI22, WW20]. **Mussels** [CGD<sup>+</sup>21, WZG22]. **mykiss** [KHD<sup>+</sup>22]. **Mysids** [HMO<sup>+</sup>21]. **Myxospore** [ESF23].

**N** [Ano22a]. **Natal** [RGHF23, KKMA23]. **Native** [HRM<sup>+</sup>22, HGH<sup>+</sup>21, HGMR21, LEHP21, LHB<sup>+</sup>23, MDHQ22, MBCH22, NLB21, OBR<sup>+</sup>20, SDL<sup>+</sup>23, TVG<sup>+</sup>21, LHWS23, SPM<sup>+</sup>24, SCP<sup>+</sup>23]. **Natural** [BFM<sup>+</sup>22, CEH<sup>+</sup>20, DH21, DRPW21, HSH21, LMA20, RG20, WW21, WRH<sup>+</sup>21, CEB<sup>+</sup>23, PO24, ZAK<sup>+</sup>23]. **Natural-Origin** [DH21, WRH<sup>+</sup>21, PO24, ZAK<sup>+</sup>23]. **Naturally** [BHT<sup>+</sup>21]. **Nature** [HYM<sup>+</sup>22]. **Near** [DPR<sup>+</sup>20]. **Nearshore** [BCW<sup>+</sup>21, BHT<sup>+</sup>21]. **Nebraska** [BBKJ21, HSP21, RMWK23]. **Necessarily** [SPGP21]. **Negotiations** [TBIJ21]. **nest** [SWA<sup>+</sup>24]. **Net** [BWM22, HLDK21, Kin22, RAB<sup>+</sup>20, RPJ<sup>+</sup>21, SWJ<sup>+</sup>21, TCB<sup>+</sup>21, CBKH23]. **net-pens** [CBKH23]. **Nets** [KBDI21, TPC21b]. **Network** [JDO<sup>+</sup>20]. **Newly** [BTZ<sup>+</sup>21]. **nexus** [SBW<sup>+</sup>23]. **Niche** [GHA<sup>+</sup>23, SBW<sup>+</sup>23]. **niches** [SBW<sup>+</sup>23]. **Nighttime** [HCM<sup>+</sup>22]. **Nitrogen** [FMM20]. **No** [SCP<sup>+</sup>23]. **Nocturnal** [KHJS22]. **Nongame** [YSS22, MSSS23]. **Nonlethal** [Ano22a, MR21a, WPGC21, SYHF24]. **Nonlinear** [Pan21]. **Nonnative** [BQR<sup>+</sup>20, HGH<sup>+</sup>21, MDHQ22, MBCH22, OBR<sup>+</sup>20, TM21, SPM<sup>+</sup>24]. **Nontarget** [TSBJ20]. **Nontidal** [HGM22]. **nonwadeable** [SDR24]. **North** [MWR21, MSD<sup>+</sup>22, SSS<sup>+</sup>22, BIE<sup>+</sup>22, HRK<sup>+</sup>22, KLR<sup>+</sup>21, LCM<sup>+</sup>23, MR21a, RH20, RR23, RRB<sup>+</sup>22, SWJ<sup>+</sup>21, SPSH20, SGM<sup>+</sup>20, UHB<sup>+</sup>23, WAKO21]. **Northeast** [ERCB22]. **Northern** [GBJ<sup>+</sup>22, JCB<sup>+</sup>21, LCF20, MKG<sup>+</sup>22, PCM<sup>+</sup>21, SGH<sup>+</sup>21, SM22, TCL<sup>+</sup>21, TBG<sup>+</sup>22, UHB<sup>+</sup>23, ZMA20, AS20, BGH<sup>+</sup>20, BFM<sup>+</sup>22, MLB<sup>+</sup>23, MDD<sup>+</sup>23, SVS<sup>+</sup>21, WD21, ZK22]. **Northwest**

[RSO23]. **Northwestern** [AWG<sup>+</sup>20, HGSS20]. **Norway** [JOH<sup>+</sup>22]. **Novel** [DHWP21, HBR<sup>+</sup>23, SMM20, GWRF24]. **Nucleotide** [BVP<sup>+</sup>21, MBP<sup>+</sup>22]. **Number** [HL23]. **Numbers** [HJBP20, HRS<sup>+</sup>20]. **Nurse** [AS20]. **Nurseries** [SGM<sup>+</sup>20]. **Nursery** [GKT<sup>+</sup>22]. **Nutrient** [HRM<sup>+</sup>22].

**Oahe** [FFG20]. **Oak** [BBKJ21]. **Objectives** [FNT21, MBW21]. **observation** [HA24]. **Observations** [DEO20]. **Observes** [CHJ<sup>+</sup>22]. **occupancy** [CDG<sup>+</sup>23]. **Occurrence** [CH22, HDQ22, SCMJF20]. **Occurrences** [HTH<sup>+</sup>21]. **Occurring** [GHA<sup>+</sup>23]. **ocean** [KHL<sup>+</sup>24, WTW<sup>+</sup>23]. **Oceanic** [TSBJ20]. **Odell** [MBCH22]. **off** [HCC<sup>+</sup>21, KKMA23, ROP<sup>+</sup>23, RRB<sup>+</sup>22]. **off-channel** [ROP<sup>+</sup>23]. **Offs** [HG22]. **Offshore** [ERCB22, GRM<sup>+</sup>21, PBD<sup>+</sup>22]. **Offspring** [DC22, HLJ<sup>+</sup>23]. **Ohio** [OBR<sup>+</sup>20, HBV<sup>+</sup>21, PWLH21, TPC21a]. **Oklahoma** [CLTJ21, LSSB23, YSS22]. **Old** [SK23]. **Oligotrophic** [HRM<sup>+</sup>22]. **Olympic** [MSLP22]. **Oncorhynchus** [KHD<sup>+</sup>22]. **one** [LKD23]. **one-time** [LKD23]. **Online** [PWLH21]. **Ontario** [AZL<sup>+</sup>21, CLBL22, FB20, FHR21]. **Otogenetic** [FHR21]. **Open** [RPJ<sup>+</sup>21]. **Open-Net-Pen** [RPJ<sup>+</sup>21]. **Operation** [RZA<sup>+</sup>21, KPD<sup>+</sup>24]. **Opercula** [LSSB23]. **opilio** [GLSF21, GBM23]. **opposing** [NMS<sup>+</sup>23]. **Optimal** [MS22, SBH<sup>+</sup>23]. **Options** [KUV<sup>+</sup>23]. **Oregon** [CFGZ23, BHS<sup>+</sup>23, HSW21, JDO<sup>+</sup>20, MBCH22, WRH<sup>+</sup>21]. **Organic** [KDM<sup>+</sup>23]. **Organisms** [CJP<sup>+</sup>21]. **orientations** [RR23]. **Origin** [CLBL22, DH21, RAHS20, RGHF23, SCN<sup>+</sup>21, WRH<sup>+</sup>21, ZJL<sup>+</sup>21, KKMA23, PO24, ZAK<sup>+</sup>23]. **Other** [BSC<sup>+</sup>21, GRM<sup>+</sup>21]. **Otolith** [AWRL23, DAS20, DRPW21, HNM<sup>+</sup>22, ORL<sup>+</sup>22, SB21a, SR20, SMM20, SGM<sup>+</sup>20, WWK<sup>+</sup>23, KKMA23]. **Otolith-Based** [DAS20]. **Otolith-Derived** [ORL<sup>+</sup>22]. **Otoliths** [BBP20, BS20, CLM20, LKP<sup>+</sup>21, LSSB23, SLP20]. **Out-Migrating** [CVD<sup>+</sup>20, LGOM22, HAP<sup>+</sup>22]. **Outboard** [DS20]. **Outcomes** [KDO<sup>+</sup>22]. **Ovaries** [LCIL23a]. **Overlap** [GHA<sup>+</sup>23, ZAK<sup>+</sup>23]. **Overshoot** [MST22]. **Overview** [BIE<sup>+</sup>22]. **Overwintering** [FCMT21, KSJ<sup>+</sup>20]. **Owhi** [TCM20]. **Oxygen** [MMSJ23]. **Oxytetracycline** [BDHP20, SLP20]. **Oyster** [WCSL22]. **Ozark** [CLTJ21, RWS<sup>+</sup>21, ZWBS21].

**p** [MB21]. **p-Chip** [MB21]. **Pacific** [CFGZ23, HA24, Har20, HLJ<sup>+</sup>23, KNC<sup>+</sup>20, KUV<sup>+</sup>23, LHWS23, LDH<sup>+</sup>22, LHPS<sup>+</sup>24, MMJW23, MMSJ23, PHW<sup>+</sup>23, RG20, RSO23, WTW<sup>+</sup>23]. **Paddlefish** [DTK20, SNLD21]. **Pahrump** [LKP<sup>+</sup>21]. **pains** [GBM23]. **Paired** [CP21b]. **Pandemic** [TBG<sup>+</sup>22]. **Panel** [BVP<sup>+</sup>21, MBP<sup>+</sup>22]. **Panfish** [PSS20]. **Panopea** [HA24]. **Paradigm** [GK21, RJ22]. **Parameter** [ZSLG21]. **Parameters** [LMO21]. **Parasitic** [TPA<sup>+</sup>21, SMB23]. **Parentage** [DH21, DC22, HDP<sup>+</sup>22, JSH<sup>+</sup>21]. **Parentage-Based** [DH21, DC22, HDP<sup>+</sup>22, JSH<sup>+</sup>21]. **Parental** [RCD22]. **Parental-Based** [RCD22]. **Participation** [PWLH21]. **Partly** [STP<sup>+</sup>21]. **partners** [LHWS23]. **party** [CR23]. **Pass** [FPR20, OTBB23]. **Pass-Through** [FPR20]. **Passage**

[HSTH20, OTBB23, RFK<sup>+20</sup>, RRL<sup>+21</sup>, SWTH21, SBB23, WSG<sup>+23</sup>, CFGZ23, PTFZ23]. **Passive**  
 [DWSM21, OTBB23, PREBK22, RPEF<sup>+23</sup>, SG21, SBB23, TRB<sup>+21</sup>]. **Patent**  
 [WCSL22]. **Path** [MNA<sup>+20</sup>]. **pathway** [SPM<sup>+24</sup>]. **Patterns**  
 [AZL<sup>+21</sup>, BHS<sup>+23</sup>, Boo20, CSQ<sup>+21</sup>, DHWP21, EP21, GHA<sup>+23</sup>, HGM22, KFG22, MWR21, MML<sup>+22</sup>, MWMH22, SCMJF20, SLL<sup>+21</sup>, SG21, SM22, WD21, WB21]. **Paupier** [RGMH20]. **PBDEs** [HBTE22]. **Pearl** [SLL<sup>+21</sup>].  
**Peck** [SNLD21]. **Pectoral** [LLA<sup>+22</sup>, LSSB23]. **Pedigree** [HRS<sup>+20</sup>, KFG22].  
**Pedigrees** [HHH<sup>+22</sup>, HHH<sup>+23</sup>, Ano23g]. **Pelagic** [NMS<sup>+23</sup>]. **Pelagic-**  
 [NMS<sup>+23</sup>]. **Pelagically** [PBK<sup>+23</sup>]. **Pelican** [MBW21]. **Pellets** [KDM<sup>+23</sup>].  
**Pen** [CLBL22, RPJ<sup>+21</sup>]. **Pen-Acclimated** [CLBL22]. **Penaeid**  
 [TSBJ20, TJ22]. **Peninsula** [MSLP22]. **Pennsylvania**  
 [SMP<sup>+21</sup>, CJN<sup>+21</sup>, RRL<sup>+21</sup>]. **Penobscot** [PTFZ23]. **pens** [CBKH23].  
**Perceived** [TBIJ21]. **Percent** [BBC21]. **percentages** [PO24]. **perception**  
 [NKG23]. **Perceptions** [GvRSS21]. **Perch**  
 [BFLI22, DNW<sup>+22</sup>, GWM21, HRK<sup>+22</sup>, HBBS22, MSV<sup>+21</sup>, SSH22, SWJ<sup>+21</sup>].  
**Percid** [BIE<sup>+22</sup>]. **Performance** [ELCM22, LMO21, TRB<sup>+21</sup>, JJD<sup>+23</sup>].  
**Period** [DPR<sup>+20</sup>, GBM23]. **Permeable** [TM21]. **Permeable-Style** [TM21].  
**Persistence** [BS21, CR23, HFJ23]. **Perspectives** [HG22, YSS22]. **Pest**  
 [CJP<sup>+21</sup>, CGD<sup>+21</sup>, FHA<sup>+21</sup>, GK21, HIF21, HMB21]. **Petroleum**  
 [GRM<sup>+21</sup>]. **pH** [KSPP22]. **Phase** [BWM22]. **Phenology** [CSWP23a].  
**Phenotypic** [LSB<sup>+21</sup>]. **phylogenetic** [ACGF23]. **Phylogeographic**  
 [RM21]. **Phylogeography** [WAKO21]. **Physical** [SSF<sup>+23</sup>]. **Physiological**  
 [CAZ<sup>+21</sup>, GW21, KSPP22, LHB<sup>+24</sup>]. **Physiology** [ELCM22]. **Pike**  
 [LCF20, PCM<sup>+21</sup>, SGH<sup>+21</sup>, SM22, TCL<sup>+21</sup>, MLB<sup>+23</sup>]. **Piscivore**  
 [Mic20a, STP<sup>+21</sup>]. **Piscivores** [GHA<sup>+23</sup>, GW21]. **PIT**  
 [FPR20, HCO<sup>+24</sup>, MB21, PE21, ZWBS21]. **PIT-Tagged** [ZWBS21].  
**placement** [DSW<sup>+24</sup>]. **Placopecten** [LOC23]. **Plains** [BKE22, NMS<sup>+23</sup>].  
**Planning** [KS21]. **Plant** [CBS21]. **Plantings** [NHC<sup>+20</sup>]. **Plasticity**  
 [LCIL23b, SSS<sup>+22</sup>]. **Platforms** [GRM<sup>+21</sup>]. **Ploidy** [FJH<sup>+22</sup>]. **Poles**  
 [DHWP21]. **Policy** [HIF21]. **Polybrominated** [HBTE22]. **Polymorphism**  
 [BVP<sup>+21</sup>, MBP<sup>+22</sup>]. **Pond** [CM22]. **Poolfish** [LKP<sup>+21</sup>]. **Pools** [AWRL23].  
**poor** [KR24]. **Population** [AWRL23, BOHA20, BBKJ21, BOB<sup>+21</sup>, COT20, CHO24, CFPSW21, DGJ<sup>+22</sup>, DBCS20, DEO20, DWGR21, FJH<sup>+22</sup>, FLW21, HSP21, HDH<sup>+20</sup>, HSS<sup>+20</sup>, HDT<sup>+22</sup>, HJBP20, HSH21, KUV<sup>+23</sup>, Kep21, KQS<sup>+20</sup>, LHPS<sup>+24</sup>, LMA23, MDA21, MSV<sup>+21</sup>, RBFQ20, RSK<sup>+21</sup>, RMR<sup>+22</sup>, RCR21, SL21, SHWW22, SPGP21, SSSP22, SW22, TLSP20, TCB<sup>+21</sup>, TPC21a, TPC21b, WDPH22, WAKO21, YBH24, AMR<sup>+23</sup>, CBB<sup>+23</sup>, CEB<sup>+23</sup>, EFK<sup>+23</sup>, KR24, MDD<sup>+23</sup>, SCW<sup>+24</sup>, TO23].  
**Population-Level** [SW22]. **Populations**  
 [AWO21, ACRB22, BIE<sup>+22</sup>, BMAM22, HRK<sup>+22</sup>, HBBS22, MSM21, MVM<sup>+23</sup>, MSL<sup>+20</sup>, MS22, MKK<sup>+21</sup>, MLB21, NKC<sup>+23</sup>, NF21, PCM<sup>+21</sup>, PTCZ22, SPP<sup>+21</sup>, Sin21, SHWW22, WW21, WSK<sup>+22</sup>, ZK22, HFJ23, HS24].  
**Port** [NLW<sup>+20</sup>]. **Portable** [MLB21]. **Postflood** [TJ22]. **Postocular** [BR21].

**Postrelease**

[CRH<sup>+</sup>22, CLBL22, FTLR23, LTB<sup>+</sup>22, LDH<sup>+</sup>22, RRB20, RSM<sup>+</sup>23, MLB<sup>+</sup>23].

**Postspawn** [FCMT21]. **Poststocking** [ESF23, WWBM20, WW20]. **pot** [BSKSK24]. **pot-based** [BSKSK24]. **Potamopyrgus** [GET22]. **Potential** [Boo20, CTJS<sup>+</sup>22, DC22, HSH21, IDH<sup>+</sup>23, LCIL23b, MDA21, MK21, RZK<sup>+</sup>21, STB<sup>+</sup>21, SLE21, SFFW21, ZJL<sup>+</sup>21, JJD<sup>+</sup>23, MBF<sup>+</sup>23, WA23].

**Potomac** [KHB22, HGM22]. **Practices**

[BKM21, GRA<sup>+</sup>22, GGW21, LLE22]. **prairie** [WMB23, SBW<sup>+</sup>23]. **Prairies** [CVD<sup>+</sup>20]. **Precision** [KHBF24, MS22, ORL<sup>+</sup>22, PSW23]. **Predation**

[BTZ<sup>+</sup>21, BSC<sup>+</sup>21, BKM21, EPB<sup>+</sup>22, GW20, HEP<sup>+</sup>23, PFGE23, GWRF24].

**Predator** [CHJ<sup>+</sup>22, EPB<sup>+</sup>22, HLM<sup>+</sup>23]. **predators** [PK24]. **Predatory** [AAW<sup>+</sup>23, MSL<sup>+</sup>20]. **Predict** [SPP<sup>+</sup>21, SHI22]. **Predicted** [BLS23].

**Predicting** [DNW<sup>+</sup>22]. **Prediction** [HJ21]. **Predictive** [CFCN20].

**Predictor** [HW22]. **predictors** [SSM<sup>+</sup>24]. **preliminary** [SFM23].

**Preparation** [SMM20]. **Preservation** [CHL22]. **Prespawn**

[NKC<sup>+</sup>23, Gep23, SCDS23]. **Prevalence** [RAHS20]. **Prevent** [TM21].

**previously** [ACGF23, KSP<sup>+</sup>24]. **Prey**

[BTZ<sup>+</sup>21, CHJ<sup>+</sup>22, HMO<sup>+</sup>21, PBD<sup>+</sup>22]. **Price** [Ano22a, PHG<sup>+</sup>23]. **Primary**

[KDM<sup>+</sup>23]. **Prior** [MNA<sup>+</sup>20]. **Prioritize** [BDG<sup>+</sup>23]. **Probability**

[DKEI20, HMP22, Kin22, LLE22]. **Probiotics** [MMJW23]. **Process**

[LRM<sup>+</sup>20]. **Processing** [SB21a]. **Produce** [BBO20, CEH<sup>+</sup>20]. **Produced**

[BHT<sup>+</sup>21, MWMH22]. **Productivity** [PST<sup>+</sup>20, CHB<sup>+</sup>23]. **Profiles**

[PHG<sup>+</sup>23]. **Program** [FHA<sup>+</sup>21, HG22, HW22, KFG22, LGOM22, PWLH21].

**Programs** [DC22, NLW<sup>+</sup>20]. **Project** [TM21]. **projection** [CDG<sup>+</sup>23].

**Promise** [IPZK21]. **Promote** [KBC<sup>+</sup>20, GBM23]. **Prone** [FPR20].

**Proportions** [JWG<sup>+</sup>21]. **Proposed**

[BBFQ21, BB21a, BBMC23, GBJ21, MRW<sup>+</sup>24]. **Protocol** [LCF20].

**Protocols** [Har20]. **Protracted** [WWK<sup>+</sup>23]. **Proves** [TVG<sup>+</sup>21]. **Provide**

[NMW<sup>+</sup>21]. **Provides** [KFG22]. **Proximity** [BHCC23, PJD<sup>+</sup>21]. **Public**

[NLK21, RSO23]. **Puerto** [CRNRFL24]. **Puget** [CLM20]. **Pulsed**

[CMBR20]. **pump** [WPM<sup>+</sup>23]. **Put** [BM20, CM22, HBT<sup>+</sup>21, NLK21].

**Put-and-Take** [BM20, CM22, HBT<sup>+</sup>21].

**Quagga** [CGD<sup>+</sup>21]. **Quality** [FB20, KJB<sup>+</sup>22, Owe21, TPC<sup>+</sup>22, BSR<sup>+</sup>23].

**Quantified** [HDP<sup>+</sup>22]. **Quantifies** [EMRK20]. **Quantify** [RBFS20].

**Quantifying** [HS24, HGH<sup>+</sup>21, RHFU24, SFFW21, WGBK22]. **Quantity**

[FB20, BSR<sup>+</sup>23]. **Quatrefoil** [KBDI21, AJHB23]. **Québec** [CVD<sup>+</sup>20].

**Question** [TPA<sup>+</sup>21]. **Quick** [LCIL23c].

**Radiocarbon** [DAS20]. **Radiotelemetry** [SFFW21, WWBM20, SCDS23].

**Rainbow** [AWF23, BS21, BR21, CRH<sup>+</sup>22, ESF23, Owe21, RWS<sup>+</sup>21,

TCB<sup>+</sup>21, WB21, JJD<sup>+</sup>23, SMB23]. **Raised** [HLDK21]. **Raised-Footrope**

[HLDK21]. **Ramp** [RFK<sup>+</sup>20, SFM23]. **Ramps** [DDT<sup>+</sup>20]. **Random**

[GWMP23, HW22]. **Range**

[AWG<sup>+</sup>20, RSM<sup>+</sup>23, SDL<sup>+</sup>23, SMP<sup>+</sup>21, RHFU24]. **Rangewide** [BVP<sup>+</sup>21].  
**Rapid** [KNC<sup>+</sup>20, KHD<sup>+</sup>22, LCF20, MSD<sup>+</sup>22]. **Rapidly** [DS20]. **Rate**  
 [DH21, GRA<sup>+</sup>22, KQS<sup>+</sup>20, LHR<sup>+</sup>20, LSP20, SB21b, MDD<sup>+</sup>23]. **Rates**  
 [BM20, CM22, DPR<sup>+</sup>20, MdAM21, MSP21, RGMH20, RRB20, SPP<sup>+</sup>21,  
 SWM22, SKGL22, SPY<sup>+</sup>20, GSML23, GWRF24, LJB<sup>+</sup>24]. **Ratios** [FMM20].  
**Ray** [IPZK21]. **Rays** [LMA20, LSSB23, MCB20]. **Razorback**  
 [FDG<sup>+</sup>21, HUTB21, dVB20a, dVB20b]. **Re** [KMS21]. **Re-examination**  
 [KMS21]. **Reach** [JDO<sup>+</sup>20, AAW<sup>+</sup>23]. **Reach-Scale** [JDO<sup>+</sup>20]. **Reaches**  
 [CSQ<sup>+</sup>21]. **Reared** [FDG<sup>+</sup>21, LMN<sup>+</sup>20, LMA20, PE21, CBKH23, HGH<sup>+</sup>23].  
**Rearing** [MNA<sup>+</sup>20]. **Recapture**  
 [DWGR21, OMAA22, RJ22, SHI22, ZSLG21, HS24, SWA<sup>+</sup>24]. **Recently**  
 [ORWS21]. **Recolonization** [RG20, TM21]. **Recommendations** [KR23].  
**Recompression** [RSM<sup>+</sup>23]. **Reconnection** [RMWK23]. **Records**  
 [MSLP22]. **Recover** [HRM<sup>+</sup>22, PST<sup>+</sup>20]. **Recovery** [BDG<sup>+</sup>23, KBC<sup>+</sup>20,  
 KUV<sup>+</sup>23, KS20, MNA<sup>+</sup>20, PCM<sup>+</sup>21, PA21, LHB<sup>+</sup>24, RH23, SCP<sup>+</sup>23].  
**Recreation** [BBO20, GDS<sup>+</sup>22]. **Recreation-Grade** [BBO20].  
**Recreational** [BHT<sup>+</sup>20, BDC22, CLRL22, DDT<sup>+</sup>20, GvRSS21, JSH<sup>+</sup>21,  
 KBC<sup>+</sup>20, KBDA21, LRM<sup>+</sup>20, MML<sup>+</sup>22, MAB<sup>+</sup>20, NLK21, PG20, WM21,  
 vPM20, CR23, FTLR23, GSML23]. **Recreational-Grade** [LRM<sup>+</sup>20].  
**Recreationist** [GDS<sup>+</sup>22]. **Recruitment**  
 [BFLI22, BFM<sup>+</sup>22, BKM21, DBS21, FFG20, GBJ<sup>+</sup>22, HSH21, KDM<sup>+</sup>23,  
 MGMP21, BHB<sup>+</sup>23, CEC<sup>+</sup>24, KR24, PAE<sup>+</sup>23]. **Red**  
 [BCW<sup>+</sup>21, GRM<sup>+</sup>21, MAB<sup>+</sup>20, PG20, SDF<sup>+</sup>21, SCW<sup>+</sup>24, SPSH20, WMB23].  
**Redbreast** [BBMC23]. **Redear** [CH22, PSS21]. **Redeye** [LEHP21].  
**Redistribution** [PC20]. **Redside** [SLE21]. **Reduce** [TCL<sup>+</sup>21, WB24].  
**Reduced** [ELCM22]. **Reduces** [BTZ<sup>+</sup>21, CRH<sup>+</sup>22, HLDK21]. **Reducing**  
 [GvRSS21, TPA<sup>+</sup>21]. **Reduction** [RCD20]. **Reef**  
 [BCW<sup>+</sup>21, GKRH21, KDM<sup>+</sup>23, RRB<sup>+</sup>22, WSK<sup>+</sup>22]. **Reefs**  
 [BCW<sup>+</sup>21, JCB<sup>+</sup>21, WCSL22]. **Reentrainment** [AWZ<sup>+</sup>20]. **Reestablished**  
 [SHWW22]. **Reflects** [SGM<sup>+</sup>20]. **Refuge** [HGM22, MKG<sup>+</sup>22, MDD<sup>+</sup>23].  
**Regeneration** [LCF20]. **Regime** [SMM<sup>+</sup>22]. **Regimes** [BKE22]. **Region**  
 [FNT21]. **Regional** [AOB<sup>+</sup>22]. **Regulated**  
 [BBKJ21, ESCI21, MML<sup>+</sup>22, SMM<sup>+</sup>22]. **Regulation**  
 [BSKM20, CFPSW21, KDO<sup>+</sup>22]. **Regulations**  
 [CLRL22, MKKN22, MK21, NMBM21, ORWS21, SL21, SHWW22].  
**Reintroduced** [HSH21, HMO<sup>+</sup>21]. **Reintroduction** [MRM<sup>+</sup>21]. **Related**  
 [CH22, CDG<sup>+</sup>23]. **Relating** [CWB<sup>+</sup>21, HIF21]. **Relation**  
 [EP21, HQWD20, LBH21]. **Relationship**  
 [COT20, CDB22, GDS<sup>+</sup>22, RSO23]. **Relationships**  
 [KNK22, OS20, PAE<sup>+</sup>23, WMB23]. **Relative**  
 [CR23, HBT<sup>+</sup>21, KBDI21, PG20, FHB<sup>+</sup>24]. **Release**  
 [BCS<sup>+</sup>21, BBKJ21, BDC22, ERT21, LMN<sup>+</sup>20, MDBC21, MML<sup>+</sup>22, SLG<sup>+</sup>23,  
 SGH<sup>+</sup>21, CBKH23, LJB<sup>+</sup>24, MSSS23, SMB23]. **Released**  
 [MGNP22, RMB<sup>+</sup>20, RRB<sup>+</sup>22, KHL<sup>+</sup>24]. **Releases** [BAH<sup>+</sup>20]. **reliable**

[RH23]. **Relies** [PST+20]. **Remediation** [GKRH21, HKPP20]. **Remote** [AKC20, MRM+21, SCN+21]. **Removal** [Bar21, HCP+23, MSL+20, RLS+23, ZMA20]. **Removals** [SVS+21, SPGP21]. **Repelled** [DS20]. **Reporting** [MAB+20, PWLH21, TPC+22, GSML23]. **Reproducing** [HSS+20]. **Reproduction** [ACRB22, CSWP23a, CSWP23b, HBR+23, PBK+23, RPEF+23, CEB+23]. **Reproductive** [GLSF21, KDB+20, LCIL23b, NF21, SMCEF+23, SBD+20, SWA+24]. **required** [SDR24]. **Rescue** [BBB+21]. **Research** [LHB+23, MS21a]. **Researchers** [BPT21]. **Reservoir** [BPL+21, BBKJ21, BKM21, DBS21, FFG20, HBR+23, HCP+23, Kin22, KDO+22, LCM+23, MSP+22, MVM+23, MS22, NHC+20, OTBB23, PBD+22, RMWK23, SDL+23, SK23, SNLD21, SKWR23, SPP+21, SBF+23, TPC21b, VF21, WW21, JJD+23, SSM+24, SSPL20, SSSP22]. **Reservoirs** [ECC22, HN21, KNC+20, MKC+23, MK21, NMBM21, PSS20, SK23, SSF+23, SWJ+21, TPC21a, WW20]. **Resetting** [RMWK23]. **Reshaped** [RMWK23]. **Residency** [AS20]. **Resident** [HMO+21]. **Resiliency** [DBCS20]. **Resins** [SMM20]. **Resistance** [BD22]. **Resistant** [ESF23]. **Resource** [BPT21, GBM23]. **Resources** [PBD+22]. **Response** [BGC+21, CVD+20, FNB+22, MSZ+23, RKP+22, SHWW22, SSSP22, VF21, YZJ+21, SCP+23, YBB+23]. **Responses** [GGW21, KES+21, KSPP22, SSS+22, SPGP21, SKGL22, LHB+23, NMS+23, SSR+24, TO23]. **Restoration** [BAH+20, GGWV22, HRM+22, HGMR21, PC20, RKP+22, CFGZ23, Gep23, LKD23]. **Restore** [PST+20]. **Restored** [WCSL22]. **Restrictive** [BSKM20]. **Restructure** [Mic20a]. **Results** [FJH+22]. **retained** [MLB+23]. **Retention** [BR21, CRH+22, DWSM21, OTW+22, SPSH20, ZSLG21, dVB20a, CFB+24, DSW+24]. **Retracted** [BM20]. **Retraction** [Ano23g]. **Return** [TPC+22, HLJ+23]. **Returning** [BB21b]. **Returns** [MR21b, MWMH22]. **Reveal** [BBP20, LKP+21, MSLP22, WWK+23]. **Revealed** [AFBRS22, DRPW21]. **Reveals** [HYM+22, KUV+23, LTL+23, SG21, ACGF23, KHL+24, LOV+23]. **Review** [HRK+22, HEP+23, KR23, LCM+23, NKK21, ZWBS21, ZZWX20]. **Reviewer** [Ano20g, Ano21i, Ano22h, Ano23h]. **Revisited** [BBC21]. **Reward** [HG22]. **richness** [SDR24]. **Rico** [CRNRFL24]. **Ridges** [LLA+22]. **Ring** [OTW+22]. **Rio** [COT20]. **Risk** [AWZ+20, BDG+23, GvRSS21, HG22, PCM+21, RAHS20]. **Risks** [HG22]. **River** [ARK+21, Ano23g, BHS+23, BHT+21, BQR+20, CBLW21, CLSM20, CP21a, CSQ+21, CFPSW21, CBB+23, CFGZ23, CFHS22, DBS21, DTK20, EP21, ESCI21, FM20, FTLR23, FCMT21, GGWV22, HTH+21, HSP21, HRM+22, HBV+21, HGH+21, HL23, HGM22, HGMR21, HSH21, HHH+22, HHH+23, JDO+20, KFG22, KJB+22, LSB+21, LGQ+21, MWR21, MGMP21, MQK+20, MNA+20, MWMH22, PA21, PE21, PTFZ23, PC20, PTCZ22, Rac21, RKP+22, RSK+21, RPEF+23, SL21, SCMJF20, SLL+21, SMM+22, SBF+23, SPSH20, SKGL22, SPY+20, TO23, TPA+21, TCB+21, WTW+23,



WDPH22, WRH<sup>+21</sup>, ZAK<sup>+23</sup>, HS24, SLD<sup>+23</sup>, AKC20, AAW<sup>+23</sup>, AWRL23, BB21b, CSWP23a, CSWP23b, CWB<sup>+21</sup>, CHB<sup>+23</sup>, CDBC22, DHWP21, ELCM22, EPB<sup>+22</sup>, FFG20, FLW21, GKT<sup>+22</sup>, HAP<sup>+22</sup>, HSS<sup>+20</sup>, HLJ<sup>+23</sup>, HCM<sup>+22</sup>, JJD<sup>+23</sup>, JCB<sup>+21</sup>, Kep21, KHB22, KJB<sup>+22</sup>, LTL<sup>+23</sup>, LJB<sup>+24</sup>, MST22, NKC<sup>+23</sup>, OBR<sup>+20</sup>, PST<sup>+20</sup>. **River** [SNLD21, SMCEF<sup>+23</sup>, Sin21, SG21, TRB<sup>+21</sup>, TPA<sup>+21</sup>, UHB<sup>+23</sup>, WMB23, WA23, WWK<sup>+23</sup>, YZJ<sup>+21</sup>]. **Riverine** [BCS<sup>+21</sup>, KR24]. **Rivers** [FPR20, KHJS22, MSLP22, OTBB23, SMP<sup>+21</sup>, WM21, SDR24, SKBB24, YBH24, SWTH21]. **riverscapes** [PKSG23]. **Rivière** [CVD<sup>+20</sup>]. **Rivière-des** [CVD<sup>+20</sup>]. **Road** [RRL<sup>+21</sup>]. **Rock** [RFK<sup>+20</sup>, SFM23]. **Rock-Ramp** [RFK<sup>+20</sup>]. **Rockfish** [AFBRS22]. **Rocky** [GKRH21]. **Roles** [MBCH22]. **rotenone** [CEC<sup>+24</sup>, LKD23]. **Round** [BOB<sup>+21</sup>]. **Run** [FHK23, HAP<sup>+22</sup>, JWG<sup>+21</sup>, SFFW21, KHL<sup>+24</sup>].

**S** [Ano22a, HBR<sup>+23</sup>]. **Sacramento** [HAP<sup>+22</sup>]. **Safety** [WSG<sup>+23</sup>]. **Sagittal** [BS20]. **Sales** [TBG<sup>+22</sup>, ZLM21]. **Salmon** [BPL<sup>+21</sup>, BBB<sup>+21</sup>, BHT<sup>+21</sup>, BB21b, BSC<sup>+21</sup>, BW22, CHJ<sup>+22</sup>, CEH<sup>+20</sup>, CLBL22, CFCN20, CFHS22, CDBC22, DPR<sup>+20</sup>, ELCM22, FM20, FHR21, FLW21, FMM20, FHK23, GWRF24, GKT<sup>+22</sup>, Har20, HG22, HAP<sup>+22</sup>, HWCS24, HL23, HLM<sup>+23</sup>, HJ21, HHH<sup>+22</sup>, HHH<sup>+23</sup>, HMO<sup>+21</sup>, JSH<sup>+21</sup>, JWG<sup>+21</sup>, KHL<sup>+24</sup>, KUV<sup>+23</sup>, KSJ<sup>+20</sup>, KES<sup>+21</sup>, MBP<sup>+22</sup>, MGNP22, NKC<sup>+23</sup>, PFGE23, PO24, PST<sup>+20</sup>, PC20, RPJ<sup>+21</sup>, RJ22, RAHS20, RSK<sup>+21</sup>, SKA21, SKBB24, SFFW21, TRB<sup>+21</sup>, WRH<sup>+21</sup>, Ano23g, FTLR23, ZAK<sup>+23</sup>, ELCM22]. **Salmonid** [KHJS22, PS21, SWTH21, TSJ20, TPA<sup>+21</sup>, ROP<sup>+23</sup>]. **Salmonids** [HEP<sup>+23</sup>, NRJ<sup>+20</sup>]. **Salvage** [HLSW23]. **Salvaged** [AWZ<sup>+20</sup>]. **Sample** [MS21b, SB21b]. **Sampling** [BOHA20, CBC<sup>+20</sup>, CHS<sup>+22</sup>, DHWP21, HCS<sup>+21</sup>, HW22, MR21a, MS22, NLW<sup>+20</sup>, PSS21, RPEF<sup>+23</sup>, SWJ<sup>+21</sup>, TCB<sup>+21</sup>, AJHB23, BSKSK24, WPM<sup>+23</sup>, WHA23]. **San** [BSC<sup>+21</sup>]. **Sandbar** [AS20]. **Sandusky** [HBV<sup>+21</sup>]. **Satisfaction** [BM20, CM22, JOH<sup>+22</sup>, SDF<sup>+21</sup>]. **Saugeye** [BKM21, Kin22]. **Saves** [GC21]. **Scale** [BCW<sup>+21</sup>, BGC<sup>+21</sup>, HW22, JDO<sup>+20</sup>, RCD22, SR20, SM22]. **Scale-Based** [SR20]. **Scale-Derived** [RCD22]. **Scales** [CLM20, Har20, HQWD20, PFGE23]. **Scallop** [WKM<sup>+21</sup>, LOC23]. **Scan** [BBO20, LRM<sup>+20</sup>, SGK<sup>+22</sup>]. **Scenarios** [RBFQ20]. **science** [LHB<sup>+23</sup>]. **Screen** [RZA<sup>+21</sup>]. **Screening** [HW22]. **screw** [WPM<sup>+23</sup>]. **Sea** [KKMA23, RRB20, RSM<sup>+23</sup>, WKM<sup>+21</sup>, LOC23, PTFZ23, GLSF21, Gep23]. **Search** [HSTH20]. **Season** [AZL<sup>+21</sup>, MPM21, SPP<sup>+21</sup>]. **Seasonal** [HGM22, RWS<sup>+21</sup>, SSM<sup>+24</sup>, HA24, RHFU24]. **Seatrout** [AOB<sup>+22</sup>]. **Second** [IPZK21]. **Section** [BIE<sup>+22</sup>, CP21a, GK21, SDB<sup>+20</sup>, PBEK23]. **Sectioned** [LKP<sup>+21</sup>]. **Sediment** [GKRH20]. **Sedimentation** [PKTZ20]. **Segments** [HSP21, STB<sup>+21</sup>]. **Selection** [HCP<sup>+23</sup>, MDHQ22]. **Selective** [GW20, OTBB23, FTLR23]. **Selectivity** [RAB<sup>+20</sup>]. **Self** [MAB<sup>+20</sup>]. **Self-Reporting** [MAB<sup>+20</sup>]. **Semiautomated** [LRM<sup>+20</sup>]. **Sensing** [AKC20]. **Sensitive** [KUV<sup>+23</sup>]. **Sequencing** [MBP<sup>+22</sup>]. **Sets** [Rac21]. **Setting** [LSP20]. **Sex** [Ano22a, BB21b, LLA<sup>+22</sup>, MSD<sup>+22</sup>, WPGC21, SYHF24].

**Sexual** [AMR<sup>+</sup>23, LKP<sup>+</sup>21]. **sexually** [MMSJ23]. **Shad** [CVD<sup>+</sup>20, CHL22, KNK22, MWR21, MGMP21, MWMH22, STP<sup>+</sup>21]. **Shallow** [ASDW23, SSH22]. **Shark** [HCC<sup>+</sup>21]. **Sharks** [AS20, GC21]. **Sharpnose** [AS20]. **shasta** [RAHS20]. **Shell** [OS20]. **Shift** [RJ22, SSH22]. **Shifts** [WZG22]. **Shiners** [SLE21]. **shoal** [PAE<sup>+</sup>23]. **shoot** [MSSS23]. **Shore** [RH20]. **shoreline** [CEC<sup>+</sup>24]. **Short** [AWF23, CSQ<sup>+</sup>21, GBM23, HWCS24, LTB<sup>+</sup>22, MSSS23, SMB23]. **Short-Term** [AWF23, CSQ<sup>+</sup>21, LTB<sup>+</sup>22, GBM23, HWCS24, MSSS23, SMB23]. **Shortnose** [EPB<sup>+</sup>22, KS20, KJB<sup>+</sup>22]. **Shovelnose** [HSH21]. **show** [HA24, NMS<sup>+</sup>23]. **show-factors** [HA24]. **Shows** [IPZK21]. **Shrimp** [PG20]. **Sibship** [KDB<sup>+</sup>20]. **Side** [BBO20, LRM<sup>+</sup>20, SGK<sup>+</sup>22]. **Side-Scan** [BBO20, LRM<sup>+</sup>20, SGK<sup>+</sup>22]. **Signal** [PA21]. **Signatures** [LMA20]. **Significantly** [HLDK21]. **Silver** [AAW<sup>+</sup>23, CCL<sup>+</sup>22, RGMH20, RLS<sup>+</sup>23, RAH<sup>+</sup>23, SHFP20, WDPH22, WWK<sup>+</sup>23, EFK<sup>+</sup>23, MBF<sup>+</sup>23, McK23, PKSG23]. **Silvery** [COT20]. **Similar** [BFLI22]. **Similarities** [CEH<sup>+</sup>20]. **Simple** [BB21b, Kin22, MW20]. **Simulated** [COT20, HFJ23, KSPP22, MSM21, MSP<sup>+</sup>22, SL21]. **Simulation** [HJBP20, NLW<sup>+</sup>20]. **Simulation-Based** [NLW<sup>+</sup>20]. **Simulations** [TPA<sup>+</sup>21]. **sinensis** [ZJL<sup>+</sup>21]. **Single** [BVP<sup>+</sup>21, MBP<sup>+</sup>22, PTCZ22]. **Single-** [PTCZ22]. **Site** [CGD<sup>+</sup>21, MRM<sup>+</sup>21, SCN<sup>+</sup>21, SWA<sup>+</sup>24]. **Site-Specific** [CGD<sup>+</sup>21]. **Situ** [CP21b, SHFP20]. **Situk** [CLSM20]. **Size** [BLS23, BWM22, CSLW22, CH22, COT20, CLTJ21, CHL22, DGJ<sup>+</sup>22, GW20, HJBP20, MR21b, MS21b, MK21, OTBB23, OS20, SB21b, SW22, TPC21b, WM21, CBKH23, FHB<sup>+</sup>24]. **Size-Based** [HJBP20]. **Size-Dependent** [SW22]. **Size-Selective** [GW20, OTBB23]. **Size-Specific** [WM21]. **Sizes** [BR21, OTW<sup>+</sup>22]. **Skagit** [JJD<sup>+</sup>23]. **Skaha** [HMO<sup>+</sup>21]. **Skein** [GWM21]. **Slope** [Rac21]. **Slot** [KBC<sup>+</sup>20]. **Small** [CMBR20, DWSM21, DRPW21, GGWV22, HN21, HBR<sup>+</sup>23, Mic20a, Mic20b, MB21, PSS21, SFFW21, TPPC20, CEC<sup>+</sup>24, SKBB24]. **Small-Bodied** [DWSM21, MB21]. **Smallmouth** [AZL<sup>+</sup>21, BMAM22, ERT21, KR24, LSSB23, MQK<sup>+</sup>20, SR20, SWA<sup>+</sup>24]. **Smelt** [BSC<sup>+</sup>21, TCB<sup>+</sup>21]. **Smolt** [Boo20, CFHS22, FHK23, PS21, PST<sup>+</sup>20]. **Smolt-To-Adult** [PST<sup>+</sup>20]. **Smolts** [CHJ<sup>+</sup>22, SWTH21, HWCS24, KHL<sup>+</sup>24]. **Snails** [GET22]. **Snake** [SWTH21, CDBC22, GKT<sup>+</sup>22, LJB<sup>+</sup>24, TRB<sup>+</sup>21]. **Snapper** [BCW<sup>+</sup>21, GRM<sup>+</sup>21, MAB<sup>+</sup>20, PG20, SDF<sup>+</sup>21, SCW<sup>+</sup>24]. **Snook** [AWG<sup>+</sup>20]. **Snoqualmie** [TO23]. **Snow** [GLSF21, GBM23]. **Soak** [GC21]. **Social** [TBG<sup>+</sup>22]. **Sociodemographic** [ZLM21]. **Sockeye** [CHJ<sup>+</sup>22, CFHS22, DPR<sup>+</sup>20, FM20, GKT<sup>+</sup>22, HMO<sup>+</sup>21, KES<sup>+</sup>21, RPJ<sup>+</sup>21]. **Soft** [MGNP22]. **Soft-Released** [MGNP22]. **Sonar** [BBO20, EMRK20, FM20, HL23, LRM<sup>+</sup>20, SGK<sup>+</sup>22, NKG23]. **Sound** [DS20, MWR21, CLM20]. **Source** [PJD<sup>+</sup>21]. **Sources** [SKA21]. **South** [DNW<sup>+</sup>22, SL21, BSKM20, CLM20, KHB22]. **Southeast**

[HCC<sup>+21</sup>, JWG<sup>+21</sup>]. **Southeastern** [SKGL22, SCW<sup>+24</sup>]. **Southern** [BCS<sup>+21</sup>, HN21, SDWM21, CEB<sup>+23</sup>, NMS<sup>+23</sup>, Bar21, Boo20, JOH<sup>+22</sup>, RG20, SCL<sup>+20</sup>]. **Southwest** [YZJ<sup>+21</sup>]. **sp** [PJD<sup>+21</sup>]. **Space** [HBV<sup>+21</sup>, SKA21, RHFU24]. **Spanning** [Mun22]. **sparse** [CDG<sup>+23</sup>]. **Spatial** [BHCC23, FFG20, GLSF21, GBM23, HQWD20, MDHQ22, PFGE23, Rac21, SMCEF<sup>+23</sup>, SLL<sup>+21</sup>, SBF<sup>+23</sup>, TSBJ20, TJ22, WDPH22, WGBK22, ZAK<sup>+23</sup>, SCW<sup>+24</sup>, SSM<sup>+24</sup>]. **Spatiotemporal** [HAP<sup>+22</sup>, PBK<sup>+23</sup>, SDWM21, WD21]. **Spawn** [BB21b]. **Spawning** [AKC20, BBP20, DPR<sup>+20</sup>, GKRH21, HUTB21, HSF<sup>+22</sup>, HRS<sup>+20</sup>, IDH<sup>+23</sup>, KDM<sup>+23</sup>, LCIL23a, MWR21, PBK<sup>+23</sup>, RBFS20, SM22, SFFW21, WWK<sup>+23</sup>, MBF<sup>+23</sup>, NMS<sup>+23</sup>, SLD<sup>+23</sup>, WB24, ZAK<sup>+23</sup>]. **Spawns** [LTL<sup>+23</sup>]. **spear** [CRNRFL24]. **Special** [BIE<sup>+22</sup>, CP21a, GK21, SDB<sup>+20</sup>, PBEK23]. **Specialized** [TBIJ21]. **Species** [AWG<sup>+20</sup>, EPB<sup>+22</sup>, GvRSS21, HMP22, HL23, KNK22, KBDA21, LSB<sup>+21</sup>, MNA<sup>+20</sup>, MB21, MKK<sup>+21</sup>, OBR<sup>+20</sup>, SB21a, SDL<sup>+23</sup>, SCMJF20, TSBJ20, SDR24, SPM<sup>+24</sup>, WA23]. **Specific** [CGD<sup>+21</sup>, PFGE23, RCD20, WM21]. **Specimen** [SMM20]. **specimens** [BSR<sup>+23</sup>]. **Spill** [CVD<sup>+20</sup>]. **Spinal** [CMBR20]. **Spores** [RAHS20]. **Sport** [OBR<sup>+20</sup>, SPP<sup>+21</sup>, SSR<sup>+24</sup>, HFJ23]. **Spotfin** [DEO20]. **Spotted** [AOB<sup>+22</sup>, BBMC23, LSP20]. **spp** [AWG<sup>+20</sup>, ACGF23, LEHP21, MSD<sup>+22</sup>]. **Spread** [GET22]. **Spring** [CDBC22, HHH<sup>+22</sup>, HHH<sup>+23</sup>, LGOM22, NKC<sup>+23</sup>, Ano23g, FTLR23]. **Spring/Summer** [HHH<sup>+22</sup>, HHH<sup>+23</sup>, Ano23g]. **St** [CBB<sup>+23</sup>, UHB<sup>+23</sup>]. **St.** [BHT<sup>+20</sup>, JCB<sup>+21</sup>]. **Stabilization** [GRA<sup>+22</sup>]. **Stable** [FMM20, MR21a, RGHF23, SSPL20, WZG22]. **Stages** [KUV<sup>+23</sup>, AJHB23]. **Stakeholders** [BDG<sup>+23</sup>]. **Standard** [BBFQ21, BB21a, BBMC23, GBJ21, RAB<sup>+20</sup>, SWJ<sup>+21</sup>, MRW<sup>+24</sup>]. **Standardized** [BVP<sup>+21</sup>]. **Standards** [SR20]. **Standing** [HSW21]. **State** [DEO20, ERCB22, GDS<sup>+22</sup>, LHB<sup>+23</sup>, MSLP22, SKA21]. **State-Space** [SKA21]. **States** [HCC<sup>+21</sup>, PKSG23, PTFZ23]. **Statewide** [HW22, TBG<sup>+22</sup>]. **Station** [CVD<sup>+20</sup>]. **statoliths** [PHW<sup>+23</sup>]. **Status** [CFCN20, FHR21, PAC22]. **Steelhead** [Boo20, BHCC23, CLSM20, DBCS20, DMBC23, DRPW21, FCMT21, KFG22, MR21b, MDBC21, MSLP22, MST22, PE21, PC20, RCD22, CHB<sup>+23</sup>, JJD<sup>+23</sup>, LJB<sup>+24</sup>, PO24, ZAK<sup>+23</sup>]. **Stem** [CSQ<sup>+21</sup>, PE21, BHS<sup>+23</sup>]. **sterile** [HFJ23]. **Stock** [DH21, DRPW21, FB20, FLW21, HCC<sup>+21</sup>, HYM<sup>+22</sup>, IDH<sup>+23</sup>, JSH<sup>+21</sup>, KBC<sup>+20</sup>, MBP<sup>+22</sup>, SNLD21, SFFW21]. **Stocked** [BS21, BTZ<sup>+21</sup>, BDHP20, CLBL22, DKEI20, GW21, HMQM22, HGSS20, KMS21, LHR<sup>+20</sup>, LLE22, TPPC20, WB21, BHB<sup>+23</sup>, GWRF24]. **Stocking** [BKM21, HN21, HW22, KSPP22, LLE22, LMA23, MR21b, MSM21, MWASW20, MNA<sup>+20</sup>, OMAA22, SKGL22, ZMA20, HFJ23, MDD<sup>+23</sup>, SBH<sup>+23</sup>]. **Stocks** [HSW21]. **Storage** [BBC21, ROP<sup>+23</sup>]. **Strain** [SG22]. **Strains** [AWF23, ESF23, LHR<sup>+20</sup>]. **Stranded** [AWZ<sup>+20</sup>]. **Strategic** [KS21]. **Strategies** [MDBC21, SCW<sup>+24</sup>]. **Strategy** [BBB<sup>+21</sup>, Gep23, SBH<sup>+23</sup>]. **stray** [PO24]. **Straying** [DRPW21, CHB<sup>+23</sup>]. **Strays** [DC22]. **Stream**

[Bar21, BOHA20, BM20, BMAM22, CLTJ21, CDB22, CEH<sup>+</sup>20, DGJ<sup>+</sup>22, DRPW21, HSW21, HKPP20, KR23, NRJ<sup>+</sup>20, PST<sup>+</sup>20, PC20, RCD20, RFK<sup>+</sup>20, RKP<sup>+</sup>22, RWS<sup>+</sup>21, RRL<sup>+</sup>21, RSO23, WB21, ZWBS21, NMS<sup>+</sup>23, RH23]. **Stream-Dwelling** [RCD20]. **Stream-Type** [PST<sup>+</sup>20]. **Streams** [AWF23, CLTJ21, CMBR20, HSW21, HCS<sup>+</sup>21, MRM<sup>+</sup>21, NLB21, RH20]. **Streamwide** [ACRB22]. **Strength** [DNW<sup>+</sup>22]. **Stress** [ELCM22, GGW21]. **stringers** [MLB<sup>+</sup>23]. **Striped** [ARK<sup>+</sup>21, HL23]. **Structural** [SSF<sup>+</sup>23]. **Structure** [CSLW22, CH22, CKB<sup>+</sup>21, FLW21, KBC<sup>+</sup>20, KQS<sup>+</sup>20, MS21b, MKK<sup>+</sup>21, MK21, SB21b, SFFW21, TPC21b, WGBK22, WAKO21, EFK<sup>+</sup>23]. **Structured** [HMO<sup>+</sup>21]. **Structures** [PBD<sup>+</sup>22, PSW23, KHBF24]. **Studies** [BPT21, CBC<sup>+</sup>20, MR21a, RMB<sup>+</sup>20, TPC<sup>+</sup>22, WPM<sup>+</sup>23, WA23]. **Study** [AWZ<sup>+</sup>20, BDC22, FNT21, HDH<sup>+</sup>20, HJBP20, KBC<sup>+</sup>20, LL21, OTBB23]. **Sturgeon** [BAH<sup>+</sup>20, BHT<sup>+</sup>20, HLDK21, HSH21, HBTE22, IPZK21, LMN<sup>+</sup>20, LMA20, MNA<sup>+</sup>20, MPM21, PA21, SLG<sup>+</sup>23, CBB<sup>+</sup>23, WA23]. **Style** [TM21]. **Subadult** [HLDK21]. **subalpine** [KSP<sup>+</sup>24]. **Subestuaries** [HJB<sup>+</sup>21]. **Sublethal** [CCL<sup>+</sup>22]. **Submerged** [BBO20]. **Submontane** [SGK<sup>+</sup>22]. **Subsampled** [LMO21]. **Subsampling** [HJBP20]. **Subsequent** [PE21]. **Substantial** [RSO23]. **substrate** [WA23]. **Subtropical** [SLL<sup>+</sup>21]. **Subyearling** [TRB<sup>+</sup>21]. **Success** [BFLI22, ESCI21, GKRH20, MST22, PO22, SBD<sup>+</sup>20, NKG23]. **Successful** [HGMR21]. **Successfully** [WSK<sup>+</sup>22]. **Sucker** [CSLW22, FDG<sup>+</sup>21, HUTB21, KJB<sup>+</sup>22, RHUM<sup>+</sup>23, ZMA20, dVB20a, dVB20b]. **suckermouth** [AMR<sup>+</sup>23]. **Suckers** [EPB<sup>+</sup>22, ZWBS21, CBKH23]. **Suffocation** [PKTZ20]. **Suggestions** [KQG23]. **Suitability** [AKC20, CSWP23b, NLB21]. **Suite** [GW21]. **Summer** [CDBC22, HHH<sup>+</sup>22, HHH<sup>+</sup>23, JWG<sup>+</sup>21, Ano23g]. **Summer-Run** [JWG<sup>+</sup>21]. **Summertime** [HGM22]. **Sunfish** [BBMC23, CH22, PSS21]. **Superior** [RH20]. **Supplemental** [HN21, MWASW20, OMAA22, Owe21]. **Supplementation** [COT20]. **Support** [BDG<sup>+</sup>23, KLR<sup>+</sup>21, McK23]. **Suppression** [KQG23, MSM21, RBFQ20, RCR21, SGK<sup>+</sup>22, WGKB20, WGBK22, SCP<sup>+</sup>23]. **Surface** [KJB<sup>+</sup>22]. **Surfacing** [MSZ<sup>+</sup>23]. **surgery** [HWCS24]. **Surgical** [KS20, LL21]. **Surrogate** [FNB<sup>+</sup>22]. **Survey** [CTJS<sup>+</sup>22, CHS<sup>+</sup>22, WSK<sup>+</sup>22, CRNRFL24]. **Surveying** [WCSL22]. **Surveys** [DDT<sup>+</sup>20, ECC22, GET22, HLM<sup>+</sup>23, MSV<sup>+</sup>21, SKBB24, SWA<sup>+</sup>24]. **Survival** [ACRB22, AWF23, CLBL22, DKEI20, DPR<sup>+</sup>20, ESF23, FDG<sup>+</sup>21, FCMT21, GWM21, HSTH20, HAP<sup>+</sup>22, HMQM22, HLM<sup>+</sup>23, HSF<sup>+</sup>22, KNC<sup>+</sup>20, KJB<sup>+</sup>22, LLE22, MW20, PFGE23, PST<sup>+</sup>20, RZA<sup>+</sup>21, RRB20, RSM<sup>+</sup>23, SWTH21, TPPC20, WWBM20, WW20, WB21, CBKH23, FHB<sup>+</sup>24, HGH<sup>+</sup>23, HCO<sup>+</sup>24, KHL<sup>+</sup>24, MMJW23, ROP<sup>+</sup>23, SMB23]. **Susceptibility** [HEP<sup>+</sup>23]. **Susquehanna** [SMP<sup>+</sup>21]. **Sustainable** [SLZ<sup>+</sup>20]. **sustained** [SCP<sup>+</sup>23]. **Suwannee** [YBH24]. **Sympatric** [BBP20, KNK22, NRJ<sup>+</sup>20, WA23]. **symposium** [LHWS23, CP21a, SK23]. **Synchrony** [FFG20]. **Synthesis** [BPT21, KQG23, LHB<sup>+</sup>23, SDB<sup>+</sup>20, ZZWX20]. **System** [BHT<sup>+</sup>20, FPR20,

JCB<sup>+21</sup>, LBH21, MQK<sup>+20</sup>, RJ22, SKWR23, SGM<sup>+20</sup>, CBB<sup>+23</sup>, BQR<sup>+20</sup>].  
**Systems** [ESCI21, HMB21, KDB<sup>+20</sup>].

**T** [SCDS23, SPSH20]. **T-Bar** [SPSH20, SCDS23]. **Tactic** [CGD<sup>+21</sup>]. **Tag** [CCL<sup>+22</sup>, DH21, FPR20, SG21, TPC<sup>+22</sup>, ZWBS21, ZSLG21, CFB<sup>+24</sup>, DSW<sup>+24</sup>, HCO<sup>+24</sup>]. **Tag-Return** [TPC<sup>+22</sup>]. **Tagged** [DPR<sup>+20</sup>, TRB<sup>+21</sup>, ZWBS21]. **Tagger** [HWCS24]. **Tagging** [DH21, DC22, HDP<sup>+22</sup>, JSH<sup>+21</sup>, MB21, NKK21, RCD22, DSW<sup>+24</sup>]. **Tags** [CCL<sup>+22</sup>, DWSM21, DRPW21, LDH<sup>+22</sup>, LFS20, OTBB23, PE21, SPSH20, SBB23, TRB<sup>+21</sup>, CEB<sup>+23</sup>, SCDS23]. **Tailwater** [BS21, SKGL22]. **Take** [BM20, CM22, HBT<sup>+21</sup>, NLK21]. **Tallapoosa** [ESCI21]. **Tancing** [TBG<sup>+22</sup>]. **Tandem** [TPC21b]. **Target** [MBW21]. **Targeted** [OMAA22]. **Targeting** [KBDA21, WGKB20]. **Taxa** [FNB<sup>+22</sup>]. **Taxonomic** [AWG<sup>+20</sup>]. **Technique** [TVG<sup>+21</sup>]. **Techniques** [GKRH21, HCS<sup>+21</sup>, RLS<sup>+23</sup>, RJ22]. **Technologies** [PREBK22]. **Technology** [TVG<sup>+21</sup>]. **Telemetered** [WGKB20]. **Telemetry** [AWZ<sup>+20</sup>, HYM<sup>+22</sup>, HCP<sup>+23</sup>, MWR21, RMB<sup>+20</sup>, SGK<sup>+22</sup>, HWCS24, KHL<sup>+24</sup>, RAH<sup>+23</sup>]. **Temperate** [SSS<sup>+22</sup>]. **Temperature** [GRA<sup>+22</sup>, LSP20, MPM21, RH23]. **Temperatures** [SPY<sup>+20</sup>]. **Temporal** [DHWP21, GLSF21, KHB22, LGOM22, MDHQ22, Rac21, RSK<sup>+21</sup>, RMR<sup>+22</sup>, ZAK<sup>+23</sup>]. **temporarily** [MLB<sup>+23</sup>]. **Temporary** [CRH<sup>+22</sup>]. **Tensaw** [AP20]. **Term** [AWF23, CBS21, CSQ<sup>+21</sup>, LTB<sup>+22</sup>, LMA23, Mun22, PA21, GBM23, HA24, HWCS24, MSSS23, SMB23]. **Terrestrial** [GK21]. **Territory** [LLE22]. **Test** [FM20]. **Testing** [PKSG23]. **Texas** [AWO21, CHO24, KDB<sup>+20</sup>, NMBM21, STB<sup>+21</sup>, SPM<sup>+24</sup>, SSM<sup>+24</sup>, WHA23]. **Texoma** [SSPL20, SSSP22, TLSP20]. **Their** [RG20, SDL<sup>+23</sup>, YSS22, HMO<sup>+21</sup>, PHW<sup>+23</sup>]. **Thermal** [BMAM22, HGM22, RHUM<sup>+23</sup>]. **Thiamine** [FHR21, MKG<sup>+22</sup>]. **Thin** [LKP<sup>+21</sup>]. **Thin-Sectioned** [LKP<sup>+21</sup>]. **Those** [GC21]. **Thousands** [MBP<sup>+22</sup>]. **Threatened** [DEO20, HTH<sup>+21</sup>, MKK<sup>+21</sup>, CDG<sup>+23</sup>]. **Threats** [LGQ<sup>+21</sup>]. **Three** [ECC22, GKT<sup>+22</sup>, NKC<sup>+23</sup>, NLB21, OTW<sup>+22</sup>, PSW23, SB21a, SWJ<sup>+21</sup>, WWBM20]. **Thresholds** [MSZ<sup>+23</sup>, YBB<sup>+23</sup>]. **throughout** [DPR<sup>+20</sup>]. **Thunder** [FB20]. **Thyroid** [HBTE22]. **Tiber** [VF21]. **Tidal** [FM20]. **Time** [ECC22, GC21, PHG<sup>+23</sup>, RPJ<sup>+21</sup>, LKD23]. **Time-Lapse** [ECC22]. **Times** [GC21]. **Timing** [FHK23, MSLP22, SFFW21, CHB<sup>+23</sup>, SWA<sup>+24</sup>]. **together** [LHWS23]. **Tongs** [WCSL22]. **Tool** [DHWP21, HW22, Owe21, TPA<sup>+21</sup>, SYHF24, WB24]. **Tournament** [CJN<sup>+21</sup>, CAZ<sup>+21</sup>, LTB<sup>+22</sup>, MSW22, SW22]. **Tournaments** [AZL<sup>+21</sup>, ERT21]. **Towed** [KBDI21]. **Town** [LEHP21]. **tracking** [KHL<sup>+24</sup>]. **Trade** [HG22]. **Trade-Offs** [HG22]. **traditional** [WHA23]. **Trajectories** [SHI22]. **Transfer** [HDH<sup>+20</sup>, MKC<sup>+23</sup>]. **Transferred** [FMM20]. **Transition** [RFK<sup>+20</sup>]. **translocation** [KSP<sup>+24</sup>]. **Translocations** [HSS<sup>+20</sup>, HLJ<sup>+23</sup>]. **transmitter** [CFB<sup>+24</sup>]. **Transmitters** [LL21, GWRF24]. **Transplantation** [Gep23]. **Transplanting** [KES<sup>+21</sup>]. **Transponder**

[DWSM21, OTBB23, SG21, SBB23, TRB<sup>+21</sup>]. **Transport**  
 [GvRSS21, GGWV22]. **Trap**  
 [LGOM22, OTW<sup>+22</sup>, TSJ20, dVB20b, AJHB23]. **Trap-and-Haul**  
 [LGOM22]. **Trapping** [LTL<sup>+23</sup>]. **Traps** [KBDI21, dVB20a]. **travel** [CR23].  
**Traveling** [RZA<sup>+21</sup>]. **Trawl** [CTJS<sup>+22</sup>, TSBJ20, TJ22]. **Trends**  
 [BHT<sup>+20</sup>, KHB22, Mun22, PWLH21, PA21, Rac21, RSK<sup>+21</sup>, RMR<sup>+22</sup>,  
 TPC<sup>+22</sup>, CHO24, CBB<sup>+23</sup>]. **Trials** [GET22]. **Tributaries**  
 [CSWP23a, HBR<sup>+23</sup>, HDQ22, RPEF<sup>+23</sup>, SMCEF<sup>+23</sup>, SG21, HS24, JJD<sup>+23</sup>].  
**Tributary** [CSWP23b, HSS<sup>+20</sup>, HUTB21, WDPH22, YZJ<sup>+21</sup>]. **Trip**  
 [CLRL22]. **triploid** [FHB<sup>+24</sup>]. **Trophic** [MBCH22]. **Trophy** [SL21].  
**Trotline** [MSL22]. **Trotlines** [MSP<sup>+22</sup>]. **Trout**  
 [Ano22a, ACRB22, AWF23, BS21, Bar21, BM20, BVP<sup>+21</sup>, BDG<sup>+23</sup>, BPT21,  
 BR21, CJN<sup>+21</sup>, CHJ<sup>+22</sup>, CRH<sup>+22</sup>, CMBR20, CLM20, CDB22, DGJ<sup>+22</sup>,  
 DWGR21, ESF23, HNM<sup>+22</sup>, HQWD20, HDQ22, HDT<sup>+22</sup>, HMQM22, HW22,  
 HSF<sup>+22</sup>, HKPP20, KLR<sup>+21</sup>, KSP<sup>+24</sup>, KDM<sup>+23</sup>, LL21, LKD23, LGOM22,  
 LFS20, MKG<sup>+22</sup>, MR21b, MDHQ22, MBW21, MWASW20, MKK<sup>+21</sup>,  
 Mun22, NMW<sup>+21</sup>, ORL<sup>+22</sup>, Owe21, PKTZ20, RCD20, RH20, RWS<sup>+21</sup>,  
 RRL<sup>+21</sup>, RSK<sup>+21</sup>, SCN<sup>+21</sup>, SGK<sup>+22</sup>, SG22, SMM<sup>+22</sup>, SKGL22, TCM20,  
 TBIJ21, TM21, WPGC21, WGKB20, WGBK22, WB21, CDG<sup>+23</sup>, CEB<sup>+23</sup>,  
 CR23, JJD<sup>+23</sup>, LOV<sup>+23</sup>, MDD<sup>+23</sup>, RR23, SCP<sup>+23</sup>, SMB23, TO23].  
**Truman** [HBR<sup>+23</sup>]. **tuna** [GSML23]. **Turbid** [FM20]. **Turbine**  
 [AWZ<sup>+20</sup>, CFHS22, WSG<sup>+23</sup>]. **Two**  
 [AWF23, BR21, GKRH21, GRA<sup>+22</sup>, HSW21, HCS<sup>+21</sup>, KDB<sup>+20</sup>, MS21a,  
 NLK21, NF21, PSS21, SB21a, WW20, DSW<sup>+24</sup>, PKSG23, YBH24]. **Type**  
 [PST<sup>+20</sup>, PSS20, ZSLG21].

**U.S.** [CRNRFL24, GSML23, LOC23, MVM<sup>+23</sup>, SCW<sup>+24</sup>, SKGL22]. **Ultra**  
 [HRM<sup>+22</sup>]. **Ultra-Oligotrophic** [HRM<sup>+22</sup>]. **Ultrasound** [CVD<sup>+20</sup>].  
**Umpqua** [JDO<sup>+20</sup>]. **Unanchored** [GGWV22]. **uncertainties** [LHB<sup>+23</sup>].  
**Uncertainty** [PREBK22]. **Uncommon** [RRB<sup>+22</sup>]. **Undecided** [HG22].  
**Under-Ice** [KSJ<sup>+20</sup>]. **Underestimate** [MSV<sup>+21</sup>]. **Underestimates**  
 [DGJ<sup>+22</sup>]. **Underfished** [QBA21]. **Underrepresents** [LGOM22].  
**Understanding** [BW22, DBCS20, NMW<sup>+21</sup>, SDF<sup>+21</sup>]. **Underwater**  
 [DEO20, HL23, RBFS20, SKBB24]. **United** [HCC<sup>+21</sup>, PKSG23, PTFZ23].  
**Units** [PG20]. **Unlocking** [BSR<sup>+23</sup>]. **Unmanned** [TVG<sup>+21</sup>].  
**unrecognized** [ACGF23]. **Updated** [EPB<sup>+22</sup>]. **upon** [GC21]. **Upper**  
 [LGQ<sup>+21</sup>, PO24, TO23, WMB23, AWRL23, BQR<sup>+20</sup>, CBKH23, CSWP23a,  
 CSWP23b, FCMT21, KJB<sup>+22</sup>, LTL<sup>+23</sup>, MNA<sup>+20</sup>, MST22, RKP<sup>+22</sup>,  
 SNLD21, SG21, WWK<sup>+23</sup>, YDM<sup>+20</sup>]. **Upstream**  
 [BPL<sup>+21</sup>, KHD<sup>+22</sup>, KES<sup>+21</sup>, LTL<sup>+23</sup>, MGNP22, TM21, PKSG23]. **Urban**  
 [CBLW21, HBT<sup>+21</sup>, KS21]. **USA**  
 [CFGZ23, BBKJ21, HSP21, HJB<sup>+21</sup>, LEHP21, MSLP22, PA21, RRB<sup>+22</sup>,  
 SDR24, SLG<sup>+23</sup>, SMP<sup>+21</sup>, TCB<sup>+21</sup>, WWBM20, ZAK<sup>+23</sup>]. **Use**  
 [BCW<sup>+21</sup>, BSKM20, BBKJ21, HBV<sup>+21</sup>, HGM22, JCB<sup>+21</sup>, LBH21, MWR21,

MSM21, MML<sup>+22</sup>, MDA21, MS21b, MSP21, MSV<sup>+21</sup>, PHG<sup>+23</sup>, RWS<sup>+21</sup>, RBFS20, STP<sup>+21</sup>, SWJ<sup>+21</sup>, ZWBS21, RHFU24, SCDS23]. **Used** [LMO21, OTBB23, LCVS23]. **Usefulness** [HNM<sup>+22</sup>]. **Using** [AKC20, AWRL23, BBB<sup>+21</sup>, BBO20, BSC<sup>+21</sup>, CFPSW21, CRNRFL24, CFCN20, DAS20, DH21, DEO20, DDT<sup>+20</sup>, FNB<sup>+22</sup>, GW21, Har20, HMQM22, HLM<sup>+23</sup>, HBBS22, HJ21, KBC<sup>+20</sup>, KSJ<sup>+20</sup>, KKMA23, LHR<sup>+20</sup>, LLA<sup>+22</sup>, LMA20, LDH<sup>+22</sup>, MR21a, MKC<sup>+23</sup>, MLB21, NMBM21, OMAA22, PG20, RCD22, RGMH20, RR23, RGHF23, RMB<sup>+20</sup>, SKA21, SHFP20, SMM20, SBB23, TCM20, WWBM20, WSK<sup>+22</sup>, ZWBS21, vPM20, GWRF24, HLSW23, MVH<sup>+22</sup>, PKSG23, WPM<sup>+23</sup>]. **Utah** [BBFQ21, HDQ22, HDT<sup>+22</sup>, MDHQ22, RBFQ20]. **Utility** [DNW<sup>+22</sup>, vPM20]. **Utilized** [RBFS20]. **UV** [SMM20]. **UV-Cured** [SMM20].

**Validating** [SYHF24]. **Validation** [BS20, LSSB23, RCD22]. **Valley** [HLM<sup>+23</sup>]. **Values** [BMAM22, GvRSS21, YSS22]. **Valuing** [MKC<sup>+23</sup>]. **Variability** [ASDW23, FHK23, SDWM21, SBF<sup>+23</sup>, WDPH22]. **Variable** [Mic20b]. **Variables** [HW22, PSS20]. **Variation** [AWO21, AOB<sup>+22</sup>, CLTJ21, FLW21, GLSF21, HAP<sup>+22</sup>, HHH<sup>+22</sup>, HHH<sup>+23</sup>, LGOM22, MSP21, PBK<sup>+23</sup>, WMB23, Ano23g]. **variations** [RHFU24]. **Varied** [ZSLG21]. **Vary** [YDM<sup>+20</sup>]. **Varying** [HJBP20, KDO<sup>+22</sup>]. **Vegetation** [BBO20]. **Vehicle** [TVG<sup>+21</sup>]. **Velocities** [SHFP20]. **Velocity** [MS21b, NRJ<sup>+20</sup>]. **Venting** [RRB20, RSM<sup>+23</sup>]. **Versus** [PTCZ22, CLM20, DDT<sup>+20</sup>, GLSF21, MCB20]. **via** [HDP<sup>+22</sup>]. **viability** [SCDS23]. **Video** [SHFP20]. **Videography** [RBFS20]. **Virginia** [CFPSW21, MWMH22]. **Visible** [BR21, LFS20]. **Vision** [PKNS21]. **visitation** [CR23]. **Visual** [MB21, SKBB24]. **Voluntary** [PWLH21]. **vulnerability** [SMB23].

**Wabash** [HCM<sup>+22</sup>, SMCEF<sup>+23</sup>]. **Wadeable** [ZWBS21]. **Walleye** [BKE22, BGH<sup>+20</sup>, BFLI22, BFM<sup>+22</sup>, CFB<sup>+24</sup>, CHL22, FJH<sup>+22</sup>, FFG20, GKRH20, GBJ<sup>+22</sup>, GW20, GW21, HRK<sup>+22</sup>, IDH<sup>+23</sup>, Kin22, KDO<sup>+22</sup>, LLE22, PCM<sup>+21</sup>, RAB<sup>+20</sup>, RCR21, SSS<sup>+22</sup>, SHWW22, WWBM20, WW21, WZG22, WMJ<sup>+24</sup>, BHB<sup>+23</sup>, FHB<sup>+24</sup>]. **Walleyes** [BSKM20]. **Warmwater** [WB21]. **Washington** [BHS<sup>+23</sup>, ZAK<sup>+23</sup>, FTLR23, MSLP22, PC20, TCM20, TO23]. **Water** [BKE22, CRH<sup>+22</sup>, KSPP22, KJB<sup>+22</sup>, MS21b, RZA<sup>+21</sup>, SHFP20, SPY<sup>+20</sup>, KPD<sup>+24</sup>, SSM<sup>+24</sup>]. **Waters** [ERCB22, KMS21]. **Watershed** [HKPP20, SFFW21, LOV<sup>+23</sup>, PO24, TO23]. **Waterway** [PBK<sup>+23</sup>]. **Web** [MR21a]. **Webs** [RZK<sup>+21</sup>]. **Webster** [Ano22a]. **Weigh** [LTB<sup>+22</sup>]. **Weigh-In** [LTB<sup>+22</sup>]. **Weight** [BBC21, BBFQ21, BB21a, BBMC23, GBJ21, HNM<sup>+22</sup>, HJ21, NLK21, STP<sup>+21</sup>, MRW<sup>+24</sup>]. **Weirs** [WB24]. **well** [LHB<sup>+24</sup>]. **West** [CFPSW21, KQG23]. **Western** [HRM<sup>+22</sup>, MBP<sup>+22</sup>, AOB<sup>+22</sup>, HSW21, MQK<sup>+20</sup>, MVM<sup>+23</sup>, MSD<sup>+22</sup>, OBR<sup>+20</sup>, WTW<sup>+23</sup>].

**Westslope** [HQWD20, SCN<sup>+21</sup>, LKD23]. **Wet** [BBC21, WMB23]. **Wetland** [EMRK20, SM22, dVB20b]. **Where** [KMS21]. **While** [RBFS20]. **Whirling** [ESF23]. **White** [MBW21, MKKN22, Mic20b, SWJ<sup>+21</sup>, ZMA20]. **Whitefish** [PO22, RMR<sup>+22</sup>, SG21]. **Wild** [ACRB22, BHCC23, BDHP20, DBCS20, FJH<sup>+22</sup>, FDG<sup>+21</sup>, HMQM22, KLR<sup>+21</sup>, LFS20, Owe21, RPJ<sup>+21</sup>, RCD22, SCN<sup>+21</sup>, FHB<sup>+24</sup>, HGH<sup>+23</sup>, WB24]. **Wild-** [SCN<sup>+21</sup>]. **Wildlife** [GDS<sup>+22</sup>]. **Willamette** [CFGZ23, NKC<sup>+23</sup>]. **Winter** [HAP<sup>+22</sup>, HCP<sup>+23</sup>, MSLP22]. **Winter-Run** [HAP<sup>+22</sup>]. **wire** [CEB<sup>+23</sup>]. **Wisconsin** [BGH<sup>+20</sup>, BFLI22, BFM<sup>+22</sup>, DKEI20, GBJ<sup>+22</sup>, HGSS20, LHR<sup>+20</sup>, LLE22, SLG<sup>+23</sup>, SVS<sup>+21</sup>, TBG<sup>+22</sup>]. **within** [DTK20, ERCB22, HKPP20, RHFU24, SSM<sup>+24</sup>, SKGL22, SPY<sup>+20</sup>]. **without** [PBD<sup>+22</sup>]. **Wood** [SPGP21]. **Woody** [GWM21, SSR<sup>+24</sup>]. **Wyoming** [HSH21].

**Yakima** [FTLR23]. **Yangtze** [CP21a, LGQ<sup>+21</sup>, CSQ<sup>+21</sup>]. **Yaqui** [HTH<sup>+21</sup>, SBH<sup>+23</sup>]. **Year** [BOB<sup>+21</sup>, CSQ<sup>+21</sup>, DNW<sup>+22</sup>, LKP<sup>+21</sup>, PC20]. **Year-Class** [DNW<sup>+22</sup>]. **Yearling** [WW20, MMSJ23]. **Years** [BAH<sup>+20</sup>, DAS20, Mun22, CFB<sup>+24</sup>, WMB23]. **Yellow** [BFLI22, DNW<sup>+22</sup>, GWM21, HRK<sup>+22</sup>, HBBS22, MSV<sup>+21</sup>, SSH22]. **Yelloweye** [AFBRS22]. **Yellowstone** [KDM<sup>+23</sup>, MDHQ22, MBW21, PKTZ20, WGBK22]. **Yield** [Pan21]. **York** [PA21]. **Young** [CSQ<sup>+21</sup>, PC20]. **Young-of-the-Year** [CSQ<sup>+21</sup>, PC20]. **Yukon** [BB21b, FLW21]. **YY** [MSM21].

**Zealand** [GET22]. **Zone** [RM21, RFK<sup>+20</sup>, SSR<sup>+24</sup>]. **Zooplankton** [HMO<sup>+21</sup>, SSH22, VF21].

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