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## Title word cross-reference

$F_1$  [BDHP20].  $\times$  [HBT<sup>+</sup>21, NLK21].  $W_s$  [BBFQ21, GBJ21].

**10-Year** [LKP<sup>+</sup>21]. **12-mm** [TRB<sup>+</sup>21].

**4-Year** [BOB<sup>+</sup>21]. **4th** [CP21a].

**8-** [TRB<sup>+</sup>21].

**9-** [TRB<sup>+</sup>21].

**Abiotic** [PO22]. **Absolute** [GRM<sup>+</sup>21]. **Abundance** [BCS<sup>+</sup>21, BGH<sup>+</sup>20, BHT<sup>+</sup>21, CBLW21, CWB<sup>+</sup>21, GRM<sup>+</sup>21, HQWD20, Kep21, MBW21, MSLP22, Mic20a, MSV<sup>+</sup>21, PS21, PA21, PREBK22, RAHS20, SMP<sup>+</sup>21].

**Acceleration** [LDH<sup>+</sup>22]. **Acceleration-Logging** [LDH<sup>+</sup>22]. **Accessibility** [CLTJ21]. **Accuracy** [Har20, MCB20, 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]. **Acoustic** [MWR21]. **Action** [BGC<sup>+</sup>21]. **Actions** [STB<sup>+</sup>21]. **Active** [MSL<sup>+</sup>20]. **Activities** [HSW21]. **Activity** [YZJ<sup>+</sup>21]. **Acute** [GRA<sup>+</sup>22]. **Adaptation** [BBB<sup>+</sup>21]. **Adaptive** [TJ22]. **Adfluvial** [MBW21]. **Adult** [BR21, CVD<sup>+</sup>20, DPR<sup>+</sup>20, DRPW21, FM20, HRS<sup>+</sup>20, IPZK21, KNC<sup>+</sup>20, KES<sup>+</sup>21, MR21b, PST<sup>+</sup>20, RCD22, SFFW21, WRH<sup>+</sup>21]. **Advanced** [TPPC20]. **Advanced-Fingerlings** [TPPC20]. **Advancement** [MS21a]. **Advances** [SDB<sup>+</sup>20]. **Aerial** [TVG<sup>+</sup>21]. **Affect** [HRS<sup>+</sup>20, MSP21]. **Affecting** [HAP<sup>+</sup>22, KMS21, PO22, SMP<sup>+</sup>21, ZWBS21]. **Affiliated** [CSQ<sup>+</sup>21]. **after** [BAH<sup>+</sup>20]. **Age** [BGH<sup>+</sup>20, CLM20, DAS20, DKEI20, ESCI21, GW20, GW21, Har20, HGSS20, HJBP20, HMO<sup>+</sup>21, KBC<sup>+</sup>20, KSPP22, LCF20, LMO21, MNA<sup>+</sup>20, Mic20b, MCB20, ORL<sup>+</sup>22, PG20, RCD20, SB21a, SHI22, SSPL20]. **Age-0** [BGH<sup>+</sup>20, DKEI20, ESCI21, GW20, GW21, KSPP22, LCF20, SSPL20]. **Age-Specific** [RCD20]. **Age-Structured** [HMO<sup>+</sup>21]. **Agents** [CGD<sup>+</sup>21]. **Ages** [IPZK21, RCD22]. **Aggregate** [NMBM21, ZLM21]. **Aggregations** [WGKB20]. **Agricultural** [NHC<sup>+</sup>20]. **Alabama** [LEHP21, AP20, BS21, LSB<sup>+</sup>21, LEHP21, PJD<sup>+</sup>21]. **Alaska** [CLSM20, JWG<sup>+</sup>21, SFFW21]. **Alaskan** [CFCN20]. **Albemarle** [MWR21]. **Alberta** [MWASW20, PCM<sup>+</sup>21, RM21]. **Alligator** [AKC20, AP20, BS20, DAS20, HDH<sup>+</sup>20, KDB<sup>+</sup>20, LBH21, LSP20, SDB<sup>+</sup>20, SBD<sup>+</sup>20, SLP20, TLSP20]. **along** [AWG<sup>+</sup>20]. **Altered** [HSP21]. **Alternative** [BTZ<sup>+</sup>21, PS21]. **Amberjack** [GRM<sup>+</sup>21]. **America** [WAKO21]. **American** [SGM<sup>+</sup>20, CBLW21, CVD<sup>+</sup>20, CWB<sup>+</sup>21, MWR21, MR21a, MGMP21, MBW21, MSD<sup>+</sup>22, SWJ<sup>+</sup>21]. **among** [AWO21, GvRSS21, HSP21, HMO<sup>+</sup>21, MML<sup>+</sup>22]. **Anadromous** [CLM20, TCB<sup>+</sup>21]. **Anal** [MCB20]. **Analysis** [CFCN20, DH21, FLW21, HRS<sup>+</sup>20, KDB<sup>+</sup>20, SSPL20, SHFP20, ZJL<sup>+</sup>21, vPM20]. **Analyzing** [SHFP20]. **Anchor** [SPSH20]. **Anesthesia** [LL21]. **Anesthetic** [KS20]. **Angled** [CRH<sup>+</sup>22, TCL<sup>+</sup>21]. **Angler** [BM20, CLTJ21, ERT21, GGW21, KQS<sup>+</sup>20, MAB<sup>+</sup>20, PWLH21, SDF<sup>+</sup>21, TPC<sup>+</sup>22, TBIJ21, vPM20]. **Anglers** [GvRSS21, HBT<sup>+</sup>21, KBDA21, MML<sup>+</sup>22, STB<sup>+</sup>21]. **Angling** [BDC22, ERT21, KS21, MDA21, SGH<sup>+</sup>21]. **Anguilla** [SLL<sup>+</sup>21]. **Animals** [HIF21]. **Annual** [GLSF21]. **Annuli** [BS20]. **Antenna** [FPR20]. **Antennas** [ZWBS21]. **Appalachian** [HKPP20]. **Apparent** [FDG<sup>+</sup>21]. **Application** [CSLW22, CGD<sup>+</sup>21, FLW21, JSH<sup>+</sup>21, RMB<sup>+</sup>20]. **Applied** [FB20, RAB<sup>+</sup>20]. **Approach** [BBB<sup>+</sup>21, CVD<sup>+</sup>20, HSTH20, ZJL<sup>+</sup>21]. **Approaches** [CLM20, PS21, SLE21]. **Aquatic** [BBO20, CBS21, GK21, HIF21, HMB21]. **Arctic** [GBJ21, MRM<sup>+</sup>21, RM21]. **Areas** [SFFW21]. **Arizona** [BM20, HSS<sup>+</sup>20, HGMR21, NLB21, SPY<sup>+</sup>20]. **Arkansas** [RKP<sup>+</sup>22, EP21]. **Arrays** [ZWBS21]. **Artificial** [BCW<sup>+</sup>21, JCB<sup>+</sup>21]. **Artisanal** [QBA21].

**Assay** [WPGC21]. **Assemblage** [HGMR21, Rac21]. **Assemblages** [CSQ<sup>+</sup>21, YZJ<sup>+</sup>21]. **Assess** [AKC20, MLB21]. **Assessed** [DAS20, LTB<sup>+</sup>22]. **Assessing** [Har20, NHC<sup>+</sup>20, SFFW21]. **Assessment** [BAH<sup>+</sup>20, FM20, FB20, GKRH21, HCC<sup>+</sup>21, HSW21, HCM<sup>+</sup>22, RAB<sup>+</sup>20, RRL<sup>+</sup>21, SLE21, WD21]. **Assessments** [CP21b]. **Assigning** [RMB<sup>+</sup>20]. **Associated** [GRA<sup>+</sup>22, HTH<sup>+</sup>21, HJBP20, LSB<sup>+</sup>21, PREBK22, SVS<sup>+</sup>21]. **Associations** [CP21b, WD21]. **Atlantic** [OS20, AS20, BPL<sup>+</sup>21, HLDK21, Kep21, MGNP22, NLW<sup>+</sup>20, PA21, Rac21, RPJ<sup>+</sup>21, SCL<sup>+</sup>20]. **Attitudes** [MAB<sup>+</sup>20]. **Attributes** [DH21]. **Authentication** [ZJL<sup>+</sup>21]. **Autonomous** [DDT<sup>+</sup>20]. **Availability** [WW20].

**Baited** [TPC21b]. **Baitfish** [MML<sup>+</sup>22]. **Balance** [vPM20]. **Bald** [CJN<sup>+</sup>21]. **Bank** [DHWP21]. **Bar** [SPSH20]. **Barotrauma** [ERT21]. **Barrier** [TM21]. **Bartram** [PJD<sup>+</sup>21]. **Based** [CLM20, DAS20, DH21, DC22, HJBP20, HJ21, JSH<sup>+</sup>21, NLW<sup>+</sup>20, RCD22, SL21, SR20, TBIJ21]. **Baseline** [KLR<sup>+</sup>21]. **Bases** [SPY<sup>+</sup>20]. **Basic** [NRJ<sup>+</sup>20]. **Basin** [HTH<sup>+</sup>21, JDO<sup>+</sup>20, LSB<sup>+</sup>21, LGQ<sup>+</sup>21, DTK20, ESCI21, FCMT21, HHH<sup>+</sup>22, PE21]. **Basins** [CP21a]. **Bass** [AZL<sup>+</sup>21, ARK<sup>+</sup>21, BTZ<sup>+</sup>21, BMAM22, BDHP20, CLTJ21, CAZ<sup>+</sup>21, EP21, ERT21, LTB<sup>+</sup>22, LSB<sup>+</sup>21, LEHP21, MQK<sup>+</sup>20, PJD<sup>+</sup>21, RRB20, SR20, TPCC20, WD21]. **Batch** [DWGR21, HKPP20]. **Bay** [HJB<sup>+</sup>21, SHI22, FNT21, FB20]. **Bayesian** [ORWS21]. **be** [HDH<sup>+</sup>20]. **Beaver** [RH20]. **Been** [KMS21]. **before** [BGH<sup>+</sup>20]. **Behavior** [CLM20, LTB<sup>+</sup>22, MGNP22, WWBM20, WW20]. **Behavioral** [CRH<sup>+</sup>22, KSP22]. **Behaviors** [MAB<sup>+</sup>20]. **Benefit** [SCMJF20]. **Benefits** [MDA21]. **Benthic** [PKTZ20]. **Bering** [GLSF21]. **Better** [GW20]. **between** [CLSM20, CSQ<sup>+</sup>21, KNK22]. **Beverages** [TCL<sup>+</sup>21]. **Beyond** [PC20]. **Bias** [DH21, Har20, ZSLG21]. **Biases** [HJBP20]. **Biennial** [GLSF21]. **Bigger** [GW20]. **Bigheaded** [RZK<sup>+</sup>21]. **Bighorn** [HSH21]. **Bight** [OS20]. **Bigmouth** [SWM22]. **Bin** [HJBP20]. **Bioelectrical** [CFCN20]. **Bioenergetics** [GW21, TCM20]. **Biofilm** [HSW21]. **Biologists** [LTB<sup>+</sup>22]. **Biological** [CGD<sup>+</sup>21]. **Biology** [RG20, ZZWX20]. **Biotic** [PO22]. **Black** [AWO21, Bar21, CLTJ21, EP21, LTB<sup>+</sup>22, LSB<sup>+</sup>21, Mic20b, RRB20, WAKO21]. **Bleeding** [TCL<sup>+</sup>21]. **Blue** [CSLW22, FNT21, HJB<sup>+</sup>21, HBT<sup>+</sup>21, MDA21, MS21b, MSP21, NLK21, NKK21, NF21, NMBM21, OTW<sup>+</sup>22, PAC22, SB21b, WM21, HGMR21]. **Bluegill** [BDC22, GGW21, PSS21]. **Boat** [CJP<sup>+</sup>21, DDT<sup>+</sup>20, MS21b]. **Bodied** [DWSM21, MB21]. **Body** [HDH<sup>+</sup>20, NLK21]. **Bolstering** [Mic20a]. **Bomb** [DAS20]. **Bottom** [GC21]. **Bound** [WRH<sup>+</sup>21]. **Branch** [KHB22]. **Branched** [BBKJ21]. **Breakaway** [FPR20]. **Brief** [HMB21]. **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]. **Broodfish** [AP20]. **Broodstock** [HHH<sup>+</sup>22]. **Brook** [HSF<sup>+</sup>22, HKPP20, KLR<sup>+</sup>21, LL21, MKK<sup>+</sup>21, RH20, RRL<sup>+</sup>21, TCM20, WPGC21]. **Brown** [BR21, DWGR21, HW22, RCD20]. **Brunswick** [ARK<sup>+</sup>21]. **Buffalo** [SWM22]. **Bull** [AS20, BVP<sup>+</sup>21, RSK<sup>+</sup>21]. **Bullhead**

[Bar21, SVS+21]. **Burbot** [BQR+20]. **Burden** [HDH+20]. **Bycatch** [HLDK21, PSS20, TJ22, TSJ20].

**California** [Bar21, Boo20, DRPW21, RG20]. **Cameras** [DDT+20]. **Canada** [CVD+20, ARK+21, MNA+20, RPJ+21, RM21]. **Canals** [MLB21]. **Canyon** [HSS+20]. **Capacity** [PC20, TCM20]. **Capture** [CMBR20, DHWP21, GC21, HMP22, HSF+22, LHR+20, SGM+20, dVB20a, dVB20b]. **Captured** [CJN+21]. **Carbon** [FMM20]. **Carbonated** [TCL+21]. **Carcasses** [PKTZ20]. **Carolina** [CKB+21, KLR+21, MWR21]. **Carp** [CBS21, DS20, FNB+22, HBV+21, MSM21, RGMH20, SWM22, SHFP20, SM22, SGM+20, ZZWX20]. **Carps** [RZK+21]. **Carrying** [TCM20]. **Case** [CBC+20, FNT21, HDH+20, KBC+20]. **Catch** [BCS+21, BM20, BBKJ21, BDC22, ERT21, KQS+20, MdAM21, MDBC21, MSP21, PWLH21, PSS20, PG20, RGMH20, SB21b, SWM22, SGH+21]. **Catch-and-Release** [BCS+21, BBKJ21, BDC22, ERT21, MDBC21, SGH+21]. **Catch-Curve** [MdAM21]. **Catchability** [HBT+21, Pan21]. **Categories** [BBFQ21, BB21a]. **Catfish** [BTZ+21, BBKJ21, BOB+21, CFPSW21, DWSM21, DHWP21, ESCI21, FNT21, HTH+21, HSP21, HGH+21, HJB+21, HBT+21, Kep21, KS21, MDA21, MS21a, MS21b, MSP21, MK21, NLK21, NKK21, NF21, NMBM21, ORWS21, PKNS21, SB21a, SL21, STB+21, SB21b, Sin21, SMP+21, SPSH20, TPC21a, TPC21b, WM21]. **Catostomids** [BBP20]. **Caught** [GC21]. **CECs** [HBTE22]. **Central** [WW20]. **Centrarchids** [GRA+22]. **Centropomus** [AWG+20]. **Ceratonova** [RAHS20]. **cf.** [PJD+21]. **Challenges** [HIF21]. **Chamber** [DS20]. **Change** [GRA+22]. **Changes** [CBS21, FHR21, MSLP22, SVS+21, YZJ+21]. **Channel** [BTZ+21, CFPSW21, ESCI21, HGH+21, HBT+21, Kep21, NLK21, NKK21, NMBM21, SL21, Sin21, SPSH20, TPC21a, TPC21b]. **Characteristics** [BKM21, CLTJ21, GKRH20, HSP21, HQWD20, HJBP20, KNK22, NF21, RCR21, SHFP20, TPC21a, ZLM21]. **Characterization** [AWG+20]. **Characterize** [KDB+20, TCB+21]. **Characterizing** [CP21b]. **Chase** [MS21b]. **Chasing** [SGH+21]. **Chemical** [FHA+21]. **Chesapeake** [FNT21, HJB+21]. **China** [CSQ+21, LGQ+21, SLL+21, YZJ+21, ZZWX20]. **Chinese** [ZJL+21]. **Chinook** [BHT+21, BB21b, BSC+21, CEH+20, CFCN20, FHR21, FMM20, HAP+22, HJ21, HHH+22, JSH+21, KSJ+20, PST+20, PC20, RAHS20, TRB+21, WRH+21]. **Chionoecetes** [GLSF21]. **Chip** [MB21]. **Choice** [TPC+22]. **Chub** [BBFQ21, DEO20, HSS+20, MSD+22, RBFQ20, SPY+20]. **Chubsucker** [BB21a]. **Chum** [JWG+21]. **Cisco** [FB20, VF21, YDM+20]. **Clair** [JCB+21, BHT+20]. **Class** [DNW+22]. **Classified** [BBO20]. **Clear** [PKNS21]. **Clips** [LCF20]. **Co** [SCMJF20]. **Co-Occurrence** [SCMJF20]. **Coarse** [GWM21]. **Coastal** [BPT21, CLM20, DRPW21, EMRK20, KBDA21, LFS20, RG20]. **Cod** [SCL+20]. **Coexistence** [SCMJF20]. **Coho** [BBB+21, FLW21, SFFW21].

**Cold** [CRH<sup>+</sup>22, MWASW20]. **Collected** [SB21b]. **Collection** [CDB22, HRS<sup>+</sup>20]. **Collections** [AP20]. **Colorado** [SPY<sup>+</sup>20, HSS<sup>+</sup>20, HUTB21, RFK<sup>+</sup>20, RKP<sup>+</sup>22]. **Columbia** [FCMT21, RPJ<sup>+</sup>21, SG21, BHT<sup>+</sup>21, HHH<sup>+</sup>22, HMO<sup>+</sup>21, PE21, PST<sup>+</sup>20, SWTH21]. **Commercial** [NLW<sup>+</sup>20, PG20, SCL<sup>+</sup>20, TSJ20, WM21]. **Common** [DS20, MSM21, PG20, SWM22, SM22, SGM<sup>+</sup>20]. **Communicate** [PG20]. **Communities** [KMS21, Mic20a]. **Community** [SVS<sup>+</sup>21, VF21]. **Comparative** [LL21]. **Comparing** [Sin21]. **Comparison** [ERT21, FM20, HCS<sup>+</sup>21, LTB<sup>+</sup>22, MdAM21, NLK21, PSS21, RRL<sup>+</sup>21, SB21a]. **Comparisons** [CFCN20]. **Competing** [FNT21]. **Complex** [AWG<sup>+</sup>20, BCW<sup>+</sup>21, MW20, SG21]. **Complexity** [GWM21]. **Composition** [HHH<sup>+</sup>22]. **Concentration** [CWB<sup>+</sup>21]. **Concern** [HBTE22]. **Concert** [MCB20]. **Conditioning** [FDG<sup>+</sup>21]. **Conditions** [HTH<sup>+</sup>21, HSP21, OS20, QBA21, RBFS20]. **Conductivity** [HCS<sup>+</sup>21]. **Confined** [SM22]. **Confirms** [AWO21]. **Connected** [DBS21]. **Connectivity** [COT20]. **Consequences** [CAZ<sup>+</sup>21]. **Conservation** [CKB<sup>+</sup>21, KLR<sup>+</sup>21, LGQ<sup>+</sup>21, RG20, SDB<sup>+</sup>20, vPM20]. **Considerations** [BPT21, TPC<sup>+</sup>22]. **Considering** [MSV<sup>+</sup>21]. **Conspecifics** [DPR<sup>+</sup>20]. **Constraints** [TBIJ21]. **Consumption** [GW21, HGH<sup>+</sup>21]. **Contact** [RM21]. **Contaminant** [HDH<sup>+</sup>20]. **Contaminants** [HBTE22]. **Context** [NMW<sup>+</sup>21]. **Contrasting** [WW20]. **Contribution** [NLK21]. **Contributions** [HDH<sup>+</sup>20, KDB<sup>+</sup>20]. **Control** [CGD<sup>+</sup>21, TPA<sup>+</sup>21]. **Controls** [FHA<sup>+</sup>21, JDO<sup>+</sup>20]. **Cook** [ZLM21]. **coosae** [PJD<sup>+</sup>21]. **Correct** [DH21]. **Correlates** [RAHS20, SBD<sup>+</sup>20]. **Cost** [BCW<sup>+</sup>21, HSTH20]. **Cost-Effective** [BCW<sup>+</sup>21, HSTH20]. **Count** [PREBK22, SDF<sup>+</sup>21]. **Counting** [EMRK20]. **County** [ZLM21]. **Cover** [GKRH20]. **Crab** [GLSF21, OTW<sup>+</sup>22, PAC22, ZJL<sup>+</sup>21]. **Crabs** [OS20, OTW<sup>+</sup>22]. **Crappie** [HN21]. **Crappies** [Mic20b]. **Crayfish** [BOHA20]. **Creates** [HKPP20]. **Creek** [CJN<sup>+</sup>21, LEHP21]. **Creel** [DDT<sup>+</sup>20, NLK21, NMBM21]. **Criteria** [NLB21, RRL<sup>+</sup>21]. **Critical** [BMAM22, TVG<sup>+</sup>21]. **Cues** [SM22]. **Culling** [CAZ<sup>+</sup>21, GGW21]. **Culverts** [RRL<sup>+</sup>21]. **Cured** [SMM20]. **Current** [SDB<sup>+</sup>20]. **Curve** [MdAM21]. **Customer** [STB<sup>+</sup>21]. **Customized** [MLB21]. **Cutthroat** [BPT21, CLM20, HQWD20, LFS20, MBW21, NMW<sup>+</sup>21, SCN<sup>+</sup>21]. **Cycle** [BBB<sup>+</sup>21]. **Cycles** [GLSF21].

**D** [KBDI21]. **D-Frame** [KBDI21]. **Dace** [RBFS20]. **Dakota** [BSKM20, DNW<sup>+</sup>22, SL21]. **Dam** [HSTH20, KES<sup>+</sup>21, LBH21]. **Dammed** [CBLW21]. **Dams** [PE21, SWTH21]. **Data** [DC22, DWGR21, EMRK20, FB20, LHR<sup>+</sup>20, LMO21, MdAM21, NMBM21, NMW<sup>+</sup>21, ORWS21, PWLH21, Rac21, SKA21, SB21b, SLZ<sup>+</sup>20, TPC<sup>+</sup>22]. **Data-Limited** [ORWS21, SLZ<sup>+</sup>20]. **Dating** [DAS20]. **DC** [CMBR20]. **Deal** [TJ22]. **Decades** [MWASW20, MS21a]. **Decision** [vPM20]. **Declines** [NMW<sup>+</sup>21]. **Declining** [SDWM21]. **Deepwater**

[LMN<sup>+</sup>20, MLB21, RMB<sup>+</sup>20]. **Delaware** [SMP<sup>+</sup>21]. **Delay** [BPL<sup>+</sup>21]. **Delta** [AP20, BSC<sup>+</sup>21]. **Demographic** [AWG<sup>+</sup>20, AWO21]. **Demographics** [SNLD21]. **Demography** [WAKO21]. **Density** [CBS21, EMRK20, KQS<sup>+</sup>20, RCD20, TPC21b]. **Density-Dependent** [CBS21]. **Dependent** [CBS21, SDWM21, ZSLG21]. **Deposition** [GWM21]. **Derived** [ORL<sup>+</sup>22, RCD22]. **Descender** [RRB20, RMB<sup>+</sup>20]. **Desert** [HGH<sup>+</sup>21]. **Desiccation** [TPA<sup>+</sup>21]. **Designing** [BCW<sup>+</sup>21]. **Designs** [CHS<sup>+</sup>22]. **Despite** [MWASW20]. **Detect** [ZWBS21]. **Detection** [PE21, ZWBS21]. **Determination** [MSD<sup>+</sup>22]. **Determining** [WKM<sup>+</sup>21]. **Detroit** [JCB<sup>+</sup>21]. **Developing** [BVP<sup>+</sup>21, HW22]. **Development** [BB21b, CSLW22, FPR20, KLR<sup>+</sup>21, LSP20, NLB21, Owe21]. **Devices** [RRB20, RMB<sup>+</sup>20]. **Diameter** [STP<sup>+</sup>21]. **Diel** [RGMH20]. **Diet** [CDB22, RWS<sup>+</sup>21]. **Dietary** [FHR21]. **Diets** [STP<sup>+</sup>21]. **Differ** [NF21]. **Differences** [AWO21, CEH<sup>+</sup>20, HBTE22]. **Different** [CAZ<sup>+</sup>21, LTB<sup>+</sup>22]. **Differential** [OTW<sup>+</sup>22]. **Differentiate** [BDHP20]. **Differentiates** [SGM<sup>+</sup>20]. **Digested** [STP<sup>+</sup>21]. **Dimensions** [KBDA21]. **Dimorphism** [LKP<sup>+</sup>21]. **Dip** [KBDI21]. **Diphenyl** [HBTE22]. **Direct** [RAB<sup>+</sup>20]. **Discard** [SCL<sup>+</sup>20, WKM<sup>+</sup>21]. **Discharge** [SPP<sup>+</sup>21]. **Discontinuities** [BS20]. **Discriminating** [WPGC21]. **Disease** [RAHS20, TPA<sup>+</sup>21]. **Disparate** [SPY<sup>+</sup>20]. **Dispersal** [AZL<sup>+</sup>21, BS21, DKEI20, MGNP22]. **Disrupt** [HSW21]. **Distance** [SGH<sup>+</sup>21]. **Distinct** [BMAM22]. **Distribution** [BHT<sup>+</sup>21, CBLW21, CSQ<sup>+</sup>21, FCMT21, HQWD20, OBR<sup>+</sup>20, PJD<sup>+</sup>21, SLL<sup>+</sup>21]. **Distributional** [SCMJF20]. **Disturbance** [PJD<sup>+</sup>21]. **Diversity** [CLSM20, CKB<sup>+</sup>21, DBCS20, LGQ<sup>+</sup>21]. **DNA** [CBC<sup>+</sup>20, CWB<sup>+</sup>21, KSJ<sup>+</sup>20]. **Do** [HSW21, TCL<sup>+</sup>21]. **Does** [HSF<sup>+</sup>22, YDM<sup>+</sup>20]. **Dosage** [KS20]. **Double** [FPR20]. **Double-Breakaway** [FPR20]. **Downstream** [MGNP22, SPP<sup>+</sup>21]. **Drainage** [RG20]. **Dredge** [WKM<sup>+</sup>21]. **Drivers** [Boo20]. **Drives** [BGC<sup>+</sup>21]. **Drought** [BBB<sup>+</sup>21]. **Drum** [AWO21, WAKO21]. **Dry** [BBC21]. **Dual** [EMRK20]. **Dual-Frequency** [EMRK20]. **Duration** [MS21b, SB21b]. **during** [KSPP22, TM21]. **Dwelling** [RCD20]. **Dynamics** [BQR<sup>+</sup>20, CFPSW21, DBS21, HJB<sup>+</sup>21, Kep21, MQK<sup>+</sup>20, RSK<sup>+</sup>21, SL21].

**Eagle** [CJN<sup>+</sup>21]. **Early** [AZL<sup>+</sup>21, BBP20, DNW<sup>+</sup>22, LSP20, PO22]. **Early-** [AZL<sup>+</sup>21]. **East** [RSK<sup>+</sup>21]. **Eastern** [AZL<sup>+</sup>21, DNW<sup>+</sup>22, GLSF21]. **Ecological** [BGC<sup>+</sup>21, SLE21]. **Ecology** [BBP20, RBFQ20, SSPL20, ZZWX20]. **Economic** [Pan21]. **Ecosystems** [KBDA21]. **Edge** [AWG<sup>+</sup>20]. **Eel** [CBLW21, CWB<sup>+</sup>21]. **Eels** [SLL<sup>+</sup>21]. **Effect** [CMBR20, FB20, GKRH20, RZA<sup>+</sup>21, RH20, SB21b]. **Effective** [BCW<sup>+</sup>21, COT20, HSTH20, KS20, TVG<sup>+</sup>21]. **Effectiveness** [KBDI21, RRB20, TCB<sup>+</sup>21, dVB20b]. **Effects** [BBC21, BHT<sup>+</sup>20, ESCI21, FFG20, GRA<sup>+</sup>22, HBTE22, LSP20, MPM21, MS21b, OTW<sup>+</sup>22, PSS20, RCD20, RZK<sup>+</sup>21, SL21, SPY<sup>+</sup>20, WW21, ZMA20]. **Efficacy** [DHWP21, TPA<sup>+</sup>21, WGKB20, WGBK22]. **Efficiency**

[BOHA20, CMBR20, MS21b]. **Efficient** [SMM20, TVG<sup>+</sup>21]. **Effort** [DDT<sup>+</sup>20]. **Efforts** [CBC<sup>+</sup>20, HBV<sup>+</sup>21]. **Egg** [CEH<sup>+</sup>20, GWM21, HRS<sup>+</sup>20]. **Elastomer** [BR21, LFS20, MB21]. **Electric** [LL21]. **Electrified** [RGMH20]. **Electrofisher** [MLB21]. **Electrofishing** [BOHA20, CDB22, DKEI20, HSW21, HCM<sup>+</sup>22, HSF<sup>+</sup>22, MS21b, MSP21, SB21b, SWM22]. **Electronic** [MAB<sup>+</sup>20]. **Elemental** [LMA20]. **Elevated** [KSPP22]. **Elevation** [FFG20]. **Elicit** [SPGP21]. **Eliminate** [TSJ20]. **Elk** [WRH<sup>+</sup>21]. **Embryo** [HSF<sup>+</sup>22]. **Embryos** [PKTZ20, SCN<sup>+</sup>21]. **Emerging** [BDC22, HBTE22]. **Emigration** [BPT21, MR21b, MW20, SPP<sup>+</sup>21]. **Empirical** [BDHP20]. **Encounter** [DKEI20]. **Endangered** [HAP<sup>+</sup>22, HSS<sup>+</sup>20, LKP<sup>+</sup>21, RBFS20]. **Endemic** [CKB<sup>+</sup>21, PJD<sup>+</sup>21]. **Endemism** [LGQ<sup>+</sup>21]. **Energetic** [CFCN20]. **Enhancing** [SDF<sup>+</sup>21]. **Entiat** [PC20]. **Enumerating** [BSC<sup>+</sup>21]. **Enumeration** [LRM<sup>+</sup>20]. **Environment** [EMRK20, LFS20].

**Environmental**  
[CBC<sup>+</sup>20, CWB<sup>+</sup>21, HTH<sup>+</sup>21, HMP22, KSJ<sup>+</sup>20, MSP21, PSS20, SM22]. **Environments** [GK21]. **Equation** [BBFQ21, BB21a]. **Equations** [GBJ21]. **Eradicating** [MSM21]. **Eradication** [CBC<sup>+</sup>20, HBV<sup>+</sup>21, SLE21, TM21]. **Erie** [SM22, HBV<sup>+</sup>21]. **Eriochair** [ZJL<sup>+</sup>21]. **Eroded** [HDH<sup>+</sup>20]. **Erratum** [Ano21a]. **Escape** [OTW<sup>+</sup>22, SHFP20]. **Escapement** [SKA21, WW21]. **Escapements** [JWG<sup>+</sup>21]. **Establishment** [HSS<sup>+</sup>20, NHC<sup>+</sup>20]. **Estimate** [DEO20, GW21, Har20, LHR<sup>+</sup>20, LMO21, SKA21, STP<sup>+</sup>21]. **Estimates** [BOHA20, BCS<sup>+</sup>21, DAS20, GRM<sup>+</sup>21, MCB20, ZSLG21]. **Estimating** [CLM20, DDT<sup>+</sup>20, HSTH20, IPZK21, PSS20, PREBK22, SB21a, SCL<sup>+</sup>20]. **Estimation** [HJBP20, LDH<sup>+</sup>22, MdAM21, ORWS21, PS21]. **Estimator** [DH21]. **Estuarine** [BGC<sup>+</sup>21]. **Estuary** [AWO21, BHT<sup>+</sup>21, BSC<sup>+</sup>21]. **Estuary-Level** [AWO21]. **Ethers** [HBTE22]. **Evaluate** [HJBP20, MDA21, NMBM21, WWBM20]. **Evaluating** [BBB<sup>+</sup>21, LMO21, MBW21, MRM<sup>+</sup>21, PS21, RKP<sup>+</sup>22, TM21, TCB<sup>+</sup>21]. **Evaluation** [AP20, BBKJ21, BOB<sup>+</sup>21, BDHP20, CLM20, HN21, LMN<sup>+</sup>20, LFS20, MDBC21, MB21, MK21, NLB21, NLW<sup>+</sup>20, ORWS21, QBA21, RFK<sup>+</sup>20, RBFQ20, SCN<sup>+</sup>21, SLE21, GW20]. **Evidence** [LEHP21]. **examination** [KMS21]. **Example** [KS21]. **Exhibit** [DPR<sup>+</sup>20]. **Expansion** [DH21, SMP<sup>+</sup>21]. **Experiencing** [ERT21]. **Explaining** [TPC21a]. **Exploitation** [BCS<sup>+</sup>21, DTK20, NRJ<sup>+</sup>20, WM21]. **Exploring** [Rac21]. **Exposed** [BOB<sup>+</sup>21]. **Exposure** [HBTE22, RPJ<sup>+</sup>21]. **Extending** [GK21]. **Externally** [DPR<sup>+</sup>20]. **Extreme** [BCS<sup>+</sup>21]. **Extrinsic** [WD21].

**Facility** [AWZ<sup>+</sup>20]. **Factors**

[BM20, HAP<sup>+</sup>22, HMP22, PO22, SMP<sup>+</sup>21, ZWBS21, dVB20a]. **Failure** [LSB<sup>+</sup>21]. **Fall** [BGH<sup>+</sup>20, TRB<sup>+</sup>21]. **Farms** [RPJ<sup>+</sup>21]. **Fates** [RMB<sup>+</sup>20]. **Fecundity** [YDM<sup>+</sup>20]. **Federally** [DEO20, GRM<sup>+</sup>21]. **Feeding** [Owe21, PO22, SSPL20]. **Female** [GKRH20, OS20, OTW<sup>+</sup>22]. **Females** [HDH<sup>+</sup>20]. **Files** [EMRK20]. **Fin** [IPZK21, LCF20, LMA20, MR21a, MCB20]. **Finds** [QBA21]. **Fine**

[BCW<sup>+21</sup>, SM22]. **Fine-Scale** [BCW<sup>+21</sup>, SM22]. **Fingerling** [WWBM20]. **Fingerlings** [BTZ<sup>+21</sup>, TPPC20]. **Fish** [BBC21, BBB<sup>+21</sup>, CBC<sup>+20</sup>, CSQ<sup>+21</sup>, CLM20, CP21b, CGD<sup>+21</sup>, DBS21, DH21, EMRK20, GRM<sup>+21</sup>, HCS<sup>+21</sup>, HGMR21, JWG<sup>+21</sup>, KHB22, KNK22, KMS21, LL21, LGQ<sup>+21</sup>, MdAM21, Mic20a, MSL<sup>+20</sup>, OBR<sup>+20</sup>, PKTZ20, RZA<sup>+21</sup>, RFK<sup>+20</sup>, SPP<sup>+21</sup>, SVS<sup>+21</sup>, SPGP21, TM21, TVG<sup>+21</sup>, TSJ20, YZJ<sup>+21</sup>]. **Fisheries** [BM20, CP21b, HBT<sup>+21</sup>, KBC<sup>+20</sup>, KQS<sup>+20</sup>, NLK21, NLW<sup>+20</sup>, PWLH21, PG20, SDF<sup>+21</sup>, SLZ<sup>+20</sup>]. **Fisheries-Independent** [CP21b]. **Fishers** [WM21]. **Fishery** [BCS<sup>+21</sup>, BHT<sup>+20</sup>, JSH<sup>+21</sup>, MDBC21, MAB<sup>+20</sup>, ORWS21, Owe21, PAC22, QBA21, RKP<sup>+22</sup>, SDWM21, SCL<sup>+20</sup>, TSBJ20, TJ22, WKM<sup>+21</sup>, vPM20]. **Fishery-Dependent** [SDWM21]. **Fishes** [BSC<sup>+21</sup>, BMAM22, HMP22, HGH<sup>+21</sup>, LRM<sup>+20</sup>, MR21a, NLB21, ZMA20]. **Fishing** [AZL<sup>+21</sup>, BOB<sup>+21</sup>, CAZ<sup>+21</sup>, DDT<sup>+20</sup>, FM20, TBIJ21, YZJ<sup>+21</sup>, ZLM21]. **Fishway** [RFK<sup>+20</sup>]. **Flathead** [BBKJ21, BOB<sup>+21</sup>, MS21a, MK21, NKK21, SL21, SMP<sup>+21</sup>, WM21]. **Flood** [FPR20]. **Flood-Prone** [FPR20]. **Floodplain** [SCMJF20, dVB20b]. **Florida** [TPPC20]. **Flounder** [SDWM21]. **Flow** [BGC<sup>+21</sup>, DBS21, FDG<sup>+21</sup>, NRJ<sup>+20</sup>]. **Flows** [TPA<sup>+21</sup>]. **Fluvial** [HSP21]. **Follow** [BOB<sup>+21</sup>]. **Follow-Up** [BOB<sup>+21</sup>]. **Following** [AZL<sup>+21</sup>, SGH<sup>+21</sup>]. **Food** [MR21a, RZK<sup>+21</sup>, SPY<sup>+20</sup>]. **Footrope** [HLDK21]. **Fore** [TCB<sup>+21</sup>]. **Forebay** [AWZ<sup>+20</sup>]. **Fork** [RSK<sup>+21</sup>]. **Form** [BDC22]. **Formats** [LTB<sup>+22</sup>]. **Fort** [SNLD21]. **Forward** [MNA<sup>+20</sup>]. **Fouling** [CJP<sup>+21</sup>]. **Four** [HJB<sup>+21</sup>, LHR<sup>+20</sup>, RZK<sup>+21</sup>, SVS<sup>+21</sup>]. **Fragmented** [Sin21]. **Frame** [KBDI21]. **Francisco** [BSC<sup>+21</sup>]. **Frequency** [CMBR20, EMRK20, MSP21, SB21b]. **Frequent** [CDB22]. **Freshwater** [HIF21, KBDA21, MR21a, QBA21]. **Frozen** [BBC21]. **Future** [KS21, PKNS21, TPC<sup>+22</sup>]. **Fyke** [TCB<sup>+21</sup>]. **Fyke-Net** [TCB<sup>+21</sup>].

**Gar** [AKC20, AP20, BS20, DAS20, HDH<sup>+20</sup>, KS20, KDB<sup>+20</sup>, LBH21, LSP20, SCMJF20, SDB<sup>+20</sup>, SBD<sup>+20</sup>, SSPL20, SLP20, TLSP20]. **Gastrically** [DPR<sup>+20</sup>]. **Gear** [MDA21, PSS20]. **Generating** [CVD<sup>+20</sup>]. **Genetic** [AWG<sup>+20</sup>, BAH<sup>+20</sup>, BVP<sup>+21</sup>, CKB<sup>+21</sup>, DC22, DRPW21, HHH<sup>+22</sup>, JSH<sup>+21</sup>, KLR<sup>+21</sup>, LHR<sup>+20</sup>, LEHP21, MWASW20, MKK<sup>+21</sup>, WPGC21]. **Genetics** [BSC<sup>+21</sup>, BDHP20, TLSP20]. **Genomic** [AWO21]. **Geographical** [ZJL<sup>+21</sup>]. **Geometric** [ZJL<sup>+21</sup>]. **Geomorphic** [HSP21]. **Georgia** [TBIJ21]. **Gila** [MSD<sup>+22</sup>]. **Gill** [HLDK21, RAB<sup>+20</sup>, SWJ<sup>+21</sup>, TCL<sup>+21</sup>]. **Gill-Net** [HLDK21]. **Gillnetting** [WGKB20]. **Gizzard** [KNK22, STP<sup>+21</sup>]. **Glacial** [BSKM20, DNW<sup>+22</sup>, MW20]. **Gloves** [LL21]. **Gold** [RKP<sup>+22</sup>]. **Grade** [BBO20, LRM<sup>+20</sup>]. **Gradients** [NRJ<sup>+20</sup>]. **Grand** [HSS<sup>+20</sup>]. **Grande** [COT20]. **Grandparent** [DC22]. **Grass** [CBS21, FNB<sup>+22</sup>, HBV<sup>+21</sup>, ZZWX20]. **Grayling** [GBJ21, MRM<sup>+21</sup>, RM21]. **Great** [FNB<sup>+22</sup>, RZK<sup>+21</sup>, YDM<sup>+20</sup>, SDF<sup>+21</sup>]. **Greater** [DAS20, GRM<sup>+21</sup>].



**Green** [BQR<sup>+</sup>20, SHI22]. **Grounds** [DPR<sup>+</sup>20]. **Groundwater** [WB21]. **Groundwater-Influenced** [WB21]. **Groupers** [RMB<sup>+</sup>20]. **Grow** [NLK21]. **Growth** [BKM21, CLSM20, CBS21, CDB22, EP21, ESCI21, HGSS20, HJB<sup>+</sup>21, LMO21, NLK21, NHC<sup>+</sup>20, RCD20, SHI22, SR20, SPY<sup>+</sup>20, WD21, ZMA20]. **Guatemala** [QBA21]. **Guide** [STB<sup>+</sup>21]. **Guided** [CVD<sup>+</sup>20]. **Gulf** [AS20, AWG<sup>+</sup>20, SCL<sup>+</sup>20, GRM<sup>+</sup>21, NLW<sup>+</sup>20, PAC22, PG20].

**Habitat** [AKC20, BCW<sup>+</sup>21, BBKJ21, BHT<sup>+</sup>21, COT20, CP21b, GKRH21, GWM21, HQWD20, JDO<sup>+</sup>20, MSP21, MSV<sup>+</sup>21, NLB21, PC20, RH20, RWS<sup>+</sup>21, TVG<sup>+</sup>21, WW20, YZJ<sup>+</sup>21]. **Habitats** [RGMH20, SCMJF20]. **Habituate** [DS20]. **Halibut** [LDH<sup>+</sup>22]. **Hand** [BOB<sup>+</sup>21]. **Handling** [CJN<sup>+</sup>21, GRA<sup>+</sup>22, LL21]. **Hard** [MGNP22]. **Hard-** [MGNP22]. **Harvest** [ARK<sup>+</sup>21, CFPSW21, KBC<sup>+</sup>20, NMBM21, ORWS21, WW21]. **Hatchery** [BHT<sup>+</sup>21, COT20, CEH<sup>+</sup>20, DC22, FDG<sup>+</sup>21, HHH<sup>+</sup>22, JWG<sup>+</sup>21, LMN<sup>+</sup>20, LMA20, MNA<sup>+</sup>20, PE21, RAHS20, SCN<sup>+</sup>21, WRH<sup>+</sup>21]. **Hatchery-** [WRH<sup>+</sup>21]. **Hatchery-Origin** [RAHS20, SCN<sup>+</sup>21]. **Hatchery-Reared** [FDG<sup>+</sup>21, LMN<sup>+</sup>20, LMA20, PE21]. **Hatching** [ESCI21, GKRH20, LSP20]. **Head** [LBH21]. **Headwater** [Bar21, CDB22, HSW21, HCS<sup>+</sup>21, RRL<sup>+</sup>21]. **Health** [KHB22]. **Heavily** [CBLW21]. **Help** [TSJ20]. **Hidden** [RMB<sup>+</sup>20]. **Hierarchical** [PS21]. **High** [EMRK20, KNC<sup>+</sup>20]. **High-Density** [EMRK20]. **Highland** [CLTJ21, RWS<sup>+</sup>21]. **Highly** [MDA21]. **Historical** [MSLP22, NMW<sup>+</sup>21, WAKO21]. **History** [AWO21, BBP20, CLSM20, DNW<sup>+</sup>22, DBCS20, DRPW21, SG21]. **Holding** [SFFW21]. **Homeward** [WRH<sup>+</sup>21]. **Hooking** [CJN<sup>+</sup>21, GC21]. **Hoop** [TPC21b]. **Hormones** [HBTE22]. **Hudson** [PA21]. **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]. **Hydroacoustic** [MSV<sup>+</sup>21]. **Hydroelectric** [CVD<sup>+</sup>20]. **Hydrologic** [ESCI21, SBD<sup>+</sup>20]. **Hydrologically** [DBS21]. **Hydrology** [EP21]. **Hydropower** [AWZ<sup>+</sup>20, BPL<sup>+</sup>21]. **Hyperstability** [SWM22].

**Ice** [GGW21, KSJ<sup>+</sup>20, SGH<sup>+</sup>21]. **Ichthyoplankton** [KBDI21]. **Ictalurid** [Rac21]. **Idaho** [RSK<sup>+</sup>21, WD21]. **Identification** [BS20, DRPW21, EMRK20, JSH<sup>+</sup>21, LMA20]. **Identify** [BB21b, DC22, LSB<sup>+</sup>21, MWR21]. **Identifying** [KSJ<sup>+</sup>20, STB<sup>+</sup>21, SM22, SLZ<sup>+</sup>20, TVG<sup>+</sup>21]. **Illinois** [ZLM21]. **Image** [HJ21]. **Image-Based** [HJ21]. **Imagery** [LRM<sup>+</sup>20]. **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]. **Imperiled** [BBB<sup>+</sup>21, OBR<sup>+</sup>20]. **Implant** [BR21, LFS20, MB21]. **Implantation** [LL21]. **Implemented** [ORWS21]. **Implications** [BQR<sup>+</sup>20, CKB<sup>+</sup>21, ESCI21, HBV<sup>+</sup>21, Kep21, KBDA21,

LCF20, MRM<sup>+</sup>21, MKK<sup>+</sup>21, NRJ<sup>+</sup>20, RG20, RAHS20, RCR21].  
**Importance** [GvRSS21, GWM21, MSV<sup>+</sup>21]. **Important** [NMW<sup>+</sup>21].  
**Impoundment** [KNK22, Mic20a]. **Impoundments** [Mic20b, PSS21].  
**Improve** [WGBK22]. **Improved** [EMRK20, MdAM21]. **Improving** [MK21].  
**In-River** [WRH<sup>+</sup>21]. **In-Stream** [CEH<sup>+</sup>20, PC20]. **Incidental** [MDBC21].  
**Including** [BMAM22, HBTE22]. **Incorporating** [DWGR21, RAB<sup>+</sup>20].  
**Increase** [PJD<sup>+</sup>21, WGKB20]. **Increases** [FDG<sup>+</sup>21, PC20]. **Increasing**  
 [PST<sup>+</sup>20, RRB20]. **Incubate** [SCN<sup>+</sup>21]. **Incubators**  
 [CEH<sup>+</sup>20, MRM<sup>+</sup>21, SCN<sup>+</sup>21]. **Independent** [CP21b, MCB20]. **Index**  
 [CSLW22]. **Indexing** [BGH<sup>+</sup>20, TPC21b]. **Indicators** [KHB22]. **Indices**  
 [DNW<sup>+</sup>22, SDWM21]. **Indirect** [RAB<sup>+</sup>20]. **Infection** [RAHS20]. **Infer**  
 [Rac21]. **Inference** [DC22]. **Inferred** [HRS<sup>+</sup>20, SSPL20]. **Influence**  
 [BKM21, DBS21, FMM20, GGW21, KQS<sup>+</sup>20, MR21b, ZLM21]. **Influenced**  
 [WB21]. **Influences** [HMP22, RGMH20]. **Influencing** [BM20, dVB20a].  
**Inform** [FNB<sup>+</sup>22]. **Information**  
 [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano21b, Ano21c, Ano21d,  
 Ano21e, Ano21f, Ano21g, Ano21h, Ano22a, Ano22b, KLR<sup>+</sup>21, SWJ<sup>+</sup>21].  
**Informative** [SLZ<sup>+</sup>20]. **Informs** [CBC<sup>+</sup>20]. **Infrastructure** [AWZ<sup>+</sup>20].  
**Ingestion** [PE21]. **Initially** [DS20]. **Injuries** [TCL<sup>+</sup>21]. **Injury** [CMBR20].  
**Inshore** [TJ22]. **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, SG21, TRB<sup>+</sup>21]. **Integrity** [MWASW20].  
**Interactions** [CLSM20, HMO<sup>+</sup>21]. **Interbasin** [MW20]. **Interconnected**  
 [MW20, SGM<sup>+</sup>20]. **Intermittent** [HUTB21, RZA<sup>+</sup>21]. **Interpopulation**  
 [CFCN20]. **Interpretations** [ORL<sup>+</sup>22]. **Interventions** [ERT21].  
**Introduced** [KMS21, LEHP21, RWS<sup>+</sup>21, RBFQ20, RCR21, SLE21].  
**Introduction** [CP21a, GK21, HMB21, SDB<sup>+</sup>20, VF21]. **Invasion** [PJD<sup>+</sup>21].  
**Invasive** [FNT21, FNB<sup>+</sup>22, GvRSS21, HMP22, HJB<sup>+</sup>21, HIF21, HMO<sup>+</sup>21,  
 NF21, PJD<sup>+</sup>21, PKTZ20, SMP<sup>+</sup>21, SWJ<sup>+</sup>21, WGBK22]. **Invisible** [HMP22].  
**Iowa** [KS21, MK21, WWBM20, WW20]. **Irrigation** [MLB21]. **Isolated**  
 [SNLD21]. **Isotope** [FMM20]. **Isotopes** [MR21a, SSPL20]. **Issue**  
 [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano21b, Ano21c,  
 Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano22a, Ano22b].

**James** [SL21]. **Japanese** [SLL<sup>+</sup>21]. **japonica** [SLL<sup>+</sup>21]. **Jinsha**  
 [LGQ<sup>+</sup>21, YZJ<sup>+</sup>21]. **Jonah** [OS20]. **Juvenile**  
 [BS20, BPT21, BDC22, FMM20, HJ21, HBTE22, IPZK21, KSJ<sup>+</sup>20, MGNP22,  
 PA21, PE21, PO22, RPJ<sup>+</sup>21, RCD22, SWTH21]. **Juveniles** [CEH<sup>+</sup>20].

**Kansas** [DHWP21, NLK21, SWJ<sup>+</sup>21]. **Keep** [HMP22]. **Klamath** [TPA<sup>+</sup>21].  
**Knowledge** [SDB<sup>+</sup>20]. **Known** [HGSS20, ORL<sup>+</sup>22, SHI22]. **Known-Age**  
 [HGSS20, ORL<sup>+</sup>22, SHI22]. **Kokanee** [AWZ<sup>+</sup>20, HMO<sup>+</sup>21, KQS<sup>+</sup>20].

**Laboratory** [LSP20]. **Lacustrine** [GKRH21]. **Lake**

[AZL<sup>+</sup>21, BAH<sup>+</sup>20, BSKM20, BB21a, BHT<sup>+</sup>20, HBTE22, HMO<sup>+</sup>21, IPZK21, LMN<sup>+</sup>20, LHR<sup>+</sup>20, LMA20, MWASW20, MNA<sup>+</sup>20, MW20, MPM21, ORL<sup>+</sup>22, PKTZ20, PO22, SHI22, SLE21, SM22, SGM<sup>+</sup>20, TCM20, WGKB20, WGBK22, FFG20, FHR21, HBV<sup>+</sup>21, PKTZ20, RH20, TLSP20, WGBK22].

#### Lakes

[BGH<sup>+</sup>20, CSQ<sup>+</sup>21, DKEI20, DNW<sup>+</sup>22, HGSS20, LHR<sup>+</sup>20, SVS<sup>+</sup>21, SPGP21, TPPC20, WD21, WWBM20, ZMA20, FNB<sup>+</sup>22, PO22, RZK<sup>+</sup>21, YDM<sup>+</sup>20].

**Lamprey** [JDO<sup>+</sup>20, MLB21]. **Lampreys** [CHS<sup>+</sup>22, KNC<sup>+</sup>20, RG20].

**Landscape** [HW22, MML<sup>+</sup>22]. **Landscape-Scale** [HW22]. **Landscapes**

[DBS21]. **Large** [BPL<sup>+</sup>21, BGC<sup>+</sup>21, HDH<sup>+</sup>20, MGMP21, MQK<sup>+</sup>20, MK21, RWS<sup>+</sup>21, SLL<sup>+</sup>21, WWBM20, dVB20b]. **Large-Scale** [BGC<sup>+</sup>21].

**Largemouth** [AZL<sup>+</sup>21, BTZ<sup>+</sup>21, BDHP20, CAZ<sup>+</sup>21, TPPC20, WD21].

**Larvae** [JDO<sup>+</sup>20, dVB20b]. **Larval**

[CHS<sup>+</sup>22, HRS<sup>+</sup>20, KBDI21, MGMP21, MLB21]. **Late** [AZL<sup>+</sup>21].

**Late-Season** [AZL<sup>+</sup>21]. **Latitude** [MPM21]. **Laurentian**

[FNB<sup>+</sup>22, RZK<sup>+</sup>21]. **Leading** [AWG<sup>+</sup>20]. **Leap** [SHFP20]. **Learned**

[CBC<sup>+</sup>20]. **Leech** [LHR<sup>+</sup>20]. **Legacy** [Rac21]. **Lemon** [HCC<sup>+</sup>21]. **Length**

[BBC21, BBFQ21, BB21a, KQS<sup>+</sup>20, Mic20b, MDA21, SL21, STP<sup>+</sup>21].

**Length-Based** [SL21]. **Lentic** [RGMH20]. **Less** [GC21]. **Lessons** [CBC<sup>+</sup>20].

**Level** [AWO21, TBIJ21]. **Levels** [ARK<sup>+</sup>21, MBW21, ZSLG21]. **Leverage**

[SCMJF20]. **License** [ZLM21]. **Life**

[AWO21, BBP20, BBB<sup>+</sup>21, CLSM20, DNW<sup>+</sup>22, DBCS20, DRPW21, SG21].

**Life-History** [DNW<sup>+</sup>22]. **Lifespan** [LKP<sup>+</sup>21]. **Light**

[KBDI21, dVB20a, dVB20b]. **Limestone** [HKPP20]. **Limitations** [MSL<sup>+</sup>20].

**Limited** [DNW<sup>+</sup>22, ORWS21, SLZ<sup>+</sup>20]. **Limits** [KBC<sup>+</sup>20, MDA21]. **Line**

[GC21]. **Little** [SPY<sup>+</sup>20]. **Live** [MML<sup>+</sup>22]. **Lobster** [SCL<sup>+</sup>20]. **Location**

[HBTE22, MR21b, SGM<sup>+</sup>20, ZSLG21]. **Location-Dependent** [ZSLG21].

**Locations** [KSJ<sup>+</sup>20, SFFW21]. **Lock** [DS20, LBH21]. **Logging** [LDH<sup>+</sup>22].

**Long** [CBS21, PA21, SGH<sup>+</sup>21]. **Long-Distance** [SGH<sup>+</sup>21]. **Long-Term**

[CBS21, PA21]. **Longline** [LDH<sup>+</sup>22]. **Longlines** [GC21]. **Lotic** [SR20].

**Louisiana** [SDWM21]. **Low** [AWZ<sup>+</sup>20, HCS<sup>+</sup>21, LBH21, MSP21, SB21b].

**Low-Conductivity** [HCS<sup>+</sup>21]. **Low-Frequency** [MSP21, SB21b]. **Lower**

[DPR<sup>+</sup>20, AKC20, AP20, HCM<sup>+</sup>22, SL21]. **Lowland** [HCS<sup>+</sup>21].

**Macrohabitat** [LBH21]. **Macroscopic** [KHB22]. **Made** [MCB20]. **Madtom**

[CKB<sup>+</sup>21, JCB<sup>+</sup>21]. **Main** [CSQ<sup>+</sup>21, PE21]. **Main-Stem** [PE21]. **Maine**

[SCL<sup>+</sup>20]. **Male** [MSM21, OS20, OTW<sup>+</sup>22]. **Manage** [BSKM20, MSL<sup>+</sup>20].

**Managed** [GRM<sup>+</sup>21]. **Management** [BGC<sup>+</sup>21, BQR<sup>+</sup>20, CBS21, CJP<sup>+</sup>21,

CGD<sup>+</sup>21, ESCI21, FNT21, FHA<sup>+</sup>21, GK21, HIF21, HMB21, KLR<sup>+</sup>21, Kep21,

KBDA21, MDBC21, MBW21, MKK<sup>+</sup>21, NRJ<sup>+</sup>20, PAC22, RAHS20, SNLD21,

STB<sup>+</sup>21, SDF<sup>+</sup>21, SDB<sup>+</sup>20, SLZ<sup>+</sup>20, TSBJ20, TJ22, TPA<sup>+</sup>21]. **Managers**

[BPT21]. **Managing** [DBCS20, HMP22, PWLH21]. **Manitoba** [MNA<sup>+</sup>20].

**Maps** [BBO20]. **Marine** [CLSM20, KBC<sup>+</sup>20, LFS20]. **Mark**

[DWGR21, HKPP20, SHI22, ZSLG21]. **Markers** [LSB<sup>+</sup>21]. **Marking**

[LCF20, LMA20, NKK21, SLP20]. **Markov** [RMB<sup>+</sup>20]. **Maryland** [MKK<sup>+</sup>21]. **Massachusetts** [TCB<sup>+</sup>21]. **Maternal** [HDH<sup>+</sup>20]. **Maternally** [FMM20]. **Maternally-Transferred** [FMM20]. **Maturity** [OS20]. **Maximum** [BMAM22, Pan21]. **May** [HDH<sup>+</sup>20, PA21, SPGP21]. **Medal** [RKP<sup>+</sup>22]. **Menhaden** [NLW<sup>+</sup>20]. **Mercury** [ARK<sup>+</sup>21]. **Metabolic** [GRA<sup>+</sup>22]. **Method** [EMRK20, LMN<sup>+</sup>20, MdAM21, SMM20, TPC<sup>+</sup>22]. **Methods** [CAZ<sup>+</sup>21, CHS<sup>+</sup>22, FM20, FNB<sup>+</sup>22, HRS<sup>+</sup>20, KS20, LMO21, MB21, NKK21, PSS21, PREBK22, SB21a, SCMJF20, TPC<sup>+</sup>22]. **Mexico** [AS20, AWG<sup>+</sup>20, GRM<sup>+</sup>21, HTH<sup>+</sup>21, PAC22, PG20]. **Michigan** [PO22, MRM<sup>+</sup>21, SHI22]. **Microchemical** [HKPP20]. **Microchemistry** [SGM<sup>+</sup>20]. **Microfishing** [BDC22]. **Micropterus** [LEHP21, PJD<sup>+</sup>21]. **Microsatellite** [FLW21]. **Mid** [AZL<sup>+</sup>21, Kep21]. **Mid-** [AZL<sup>+</sup>21]. **Mid-Atlantic** [Kep21]. **Middle** [CSQ<sup>+</sup>21, OS20]. **Midwest** [SGM<sup>+</sup>20]. **Midwestern** [MDA21]. **Migrating** [CVD<sup>+</sup>20, HAP<sup>+</sup>22]. **Migration** [AS20, BPL<sup>+</sup>21, Boo20, KNC<sup>+</sup>20, MWR21, MSLP22, SG21, SM22]. **Migratory** [CLM20]. **Minimum** [MDA21]. **Mining** [RKP<sup>+</sup>22]. **Minnesota** [KMS21, Sin21]. **Minnow** [COT20, MB21, OBR<sup>+</sup>20]. **Miramichi** [ARK<sup>+</sup>21]. **Mississippi** [AKC20, CP21a, WM21, DTK20]. **Missouri** [FFG20, SNLD21, BAH<sup>+</sup>20, HSP21, Mic20b, WM21]. **Mitten** [ZJL<sup>+</sup>21]. **Mixed** [DH21, FLW21, JSH<sup>+</sup>21]. **Mixed-Stock** [DH21, FLW21, JSH<sup>+</sup>21]. **mm** [TRB<sup>+</sup>21]. **Moapa** [RBFS20]. **Mobile** [AP20, MDA21, ZWBS21, LSB<sup>+</sup>21]. **Model** [BB21b, CFPSW21, DWGR21, RAB<sup>+</sup>20, SKA21]. **Modeling** [BBB<sup>+</sup>21, CFCN20, MGMP21, PS21, PJD<sup>+</sup>21, TCM20]. **Models** [OBR<sup>+</sup>20, RMB<sup>+</sup>20, SCMJF20, SHI22]. **Modern** [TPC<sup>+</sup>22]. **Modification** [HLDK21]. **Modified** [TSJ20]. **Molecular** [MSD<sup>+</sup>22]. **Monitoring** [BVP<sup>+</sup>21, HMP22, HHH<sup>+</sup>22, SG21]. **Monkfish** [WKM<sup>+</sup>21]. **Monongahela** [CFPSW21]. **Montana** [SNLD21, VF21]. **Montane** [SLE21]. **Morphometric** [BB21b, OS20, ZJL<sup>+</sup>21]. **Morphometrics** [HJ21]. **Mortality** [BTZ<sup>+</sup>21, CJN<sup>+</sup>21, CBS21, GGW21, GC21, LDH<sup>+</sup>22, MdAM21, SCL<sup>+</sup>20, TSJ20, WW21, WKM<sup>+</sup>21]. **Motor** [DS20]. **Mountain** [SG21]. **Movement** [BCW<sup>+</sup>21, BQR<sup>+</sup>20, EMRK20, HBV<sup>+</sup>21, Kep21, MQK<sup>+</sup>20, MW20, MPM21, WB21]. **Movements** [DTK20, LBH21, SGH<sup>+</sup>21, WRH<sup>+</sup>21]. **Moving** [HMP22]. **Mudflats** [NHC<sup>+</sup>20]. **Multigeneration** [HHH<sup>+</sup>22]. **Multipass** [BOHA20]. **Multiple** [HQWD20, SKA21]. **Multispecies** [RFK<sup>+</sup>20]. **Muskellunge** [BCS<sup>+</sup>21, DKEI20, HGSS20, KMS21, KSPP22, KBDI21, LHR<sup>+</sup>20, MW20, MCB20, PWLH21, SHI22, WW20]. **Mussels** [CGD<sup>+</sup>21]. **Mysids** [HMO<sup>+</sup>21].

**Native** [HGH<sup>+</sup>21, HGMR21, LEHP21, NLB21, OBR<sup>+</sup>20, TVG<sup>+</sup>21]. **Natural** [CEH<sup>+</sup>20, DH21, DRPW21, HSH21, LMA20, RG20, WW21, WRH<sup>+</sup>21]. **Natural-Origin** [DH21, WRH<sup>+</sup>21]. **Naturally** [BHT<sup>+</sup>21]. **Near** [DPR<sup>+</sup>20]. **Nearshore** [BCW<sup>+</sup>21, BHT<sup>+</sup>21]. **Nebraska** [BBKJ21, HSP21]. **Necessarily** [SPGP21]. **Negotiations** [TBLJ21]. **Net**

[HLDK21, RAB<sup>+</sup>20, RPJ<sup>+</sup>21, SWJ<sup>+</sup>21, TCB<sup>+</sup>21]. **Nets** [KBDI21, TPC21b]. **Network** [JDO<sup>+</sup>20]. **Newly** [BTZ<sup>+</sup>21]. **Nighttime** [HCM<sup>+</sup>22]. **Nitrogen** [FMM20]. **Nonlethal** [MR21a, WPGC21]. **Nonlinear** [Pan21]. **Nonnative** [BQR<sup>+</sup>20, HGH<sup>+</sup>21, OBR<sup>+</sup>20, TM21]. **Nontarget** [TSBJ20]. **North** [MWR21, MSD<sup>+</sup>22, KLR<sup>+</sup>21, MR21a, RH20, SWJ<sup>+</sup>21, SPSH20, SGM<sup>+</sup>20, WAKO21]. **Northern** [JCB<sup>+</sup>21, LCF20, PCM<sup>+</sup>21, SGH<sup>+</sup>21, SM22, TCL<sup>+</sup>21, ZMA20, AS20, BGH<sup>+</sup>20, SVS<sup>+</sup>21, WD21]. **Northwestern** [AWG<sup>+</sup>20, HGSS20]. **Novel** [DHWP21, SMM20]. **Nucleotide** [BVP<sup>+</sup>21]. **Numbers** [HJBP20, HRS<sup>+</sup>20]. **Nurse** [AS20]. **Nurseries** [SGM<sup>+</sup>20].

**Oahe** [FFG20]. **Oak** [BBKJ21]. **Objectives** [FNT21, MBW21]. **Observations** [DEO20]. **Occurrence** [SCMJF20]. **Occurrences** [HTH<sup>+</sup>21]. **Oceanic** [TSBJ20]. **off** [HCC<sup>+</sup>21]. **Offshore** [GRM<sup>+</sup>21]. **Offspring** [DC22]. **Ohio** [OBR<sup>+</sup>20, HBV<sup>+</sup>21, PWLH21, TPC21a]. **Oklahoma** [CLTJ21]. **Olympic** [MSLP22]. **Online** [PWLH21]. **Ontario** [AZL<sup>+</sup>21, FB20, FHR21]. **Ontogenetic** [FHR21]. **Open** [RPJ<sup>+</sup>21]. **Open-Net-Pen** [RPJ<sup>+</sup>21]. **Operation** [RZA<sup>+</sup>21]. **opilio** [GLSF21]. **Oregon** [HSW21, JDO<sup>+</sup>20, WRH<sup>+</sup>21]. **Organisms** [CJP<sup>+</sup>21]. **Origin** [DH21, RAHS20, SCN<sup>+</sup>21, WRH<sup>+</sup>21, ZJL<sup>+</sup>21]. **Other** [BSC<sup>+</sup>21, GRM<sup>+</sup>21]. **Otolith** [DAS20, DRPW21, ORL<sup>+</sup>22, SB21a, SR20, SMM20, SGM<sup>+</sup>20]. **Otolith-Based** [DAS20]. **Otolith-Derived** [ORL<sup>+</sup>22]. **Otoliths** [BBP20, BS20, CLM20, LKP<sup>+</sup>21, SLP20]. **Out-Migrating** [CVD<sup>+</sup>20, HAP<sup>+</sup>22]. **Outboard** [DS20]. **Overwintering** [FCMT21, KSJ<sup>+</sup>20]. **Owhi** [TCM20]. **Oxytetracycline** [BDHP20, SLP20]. **Ozark** [CLTJ21, RWS<sup>+</sup>21, ZWBS21].

**p** [MB21]. **p-Chip** [MB21]. **Pacific** [Har20, KNC<sup>+</sup>20, LDH<sup>+</sup>22, RG20]. **Paddlefish** [DTK20, SNLD21]. **Pahrump** [LKP<sup>+</sup>21]. **Paired** [CP21b]. **Panel** [BVP<sup>+</sup>21]. **Panfish** [PSS20]. **Paradigm** [GK21]. **Parameter** [ZSLG21]. **Parameters** [LMO21]. **Parasitic** [TPA<sup>+</sup>21]. **Parentage** [DH21, DC22, JSH<sup>+</sup>21]. **Parentage-Based** [DH21, DC22, JSH<sup>+</sup>21]. **Parental** [RCD22]. **Parental-Based** [RCD22]. **Participation** [PWLH21]. **Partly** [STP<sup>+</sup>21]. **Pass** [FPR20]. **Pass-Through** [FPR20]. **Passage** [HSTH20, RFK<sup>+</sup>20, RRL<sup>+</sup>21, SWTH21]. **Passive** [DWSM21, PREBK22, SG21, TRB<sup>+</sup>21]. **Path** [MNA<sup>+</sup>20]. **Patterns** [AZL<sup>+</sup>21, Boo20, CSQ<sup>+</sup>21, DHWP21, EP21, MWR21, MML<sup>+</sup>22, SCMJF20, SLL<sup>+</sup>21, SG21, SM22, WD21, WB21]. **Paupier** [RGMH20]. **PBDEs** [HBTE22]. **Pearl** [SLL<sup>+</sup>21]. **Peck** [SNLD21]. **Pedigree** [HRS<sup>+</sup>20]. **Pedigrees** [HHH<sup>+</sup>22]. **Pelican** [MBW21]. **Pen** [RPJ<sup>+</sup>21]. **Penaeid** [TSBJ20, TJ22]. **Peninsula** [MSLP22]. **Pennsylvania** [SMP<sup>+</sup>21, CJN<sup>+</sup>21, RRL<sup>+</sup>21]. **Perceived** [TBLJ21]. **Percent** [BBC21]. **Perceptions** [GvRSS21]. **Perch** [DNW<sup>+</sup>22, GWM21, MSV<sup>+</sup>21, SWJ<sup>+</sup>21]. **Performance** [LMO21, TRB<sup>+</sup>21]. **Period** [DPR<sup>+</sup>20]. **Permeable** [TM21]. **Permeable-Style** [TM21]. **Persistence** [BS21]. **Pest**

[CJP<sup>+</sup>21, CGD<sup>+</sup>21, FHA<sup>+</sup>21, GK21, HIF21, HMB21]. **Petroleum** [GRM<sup>+</sup>21]. **pH** [KSPP22]. **Phenotypic** [LSB<sup>+</sup>21]. **Phylogeographic** [RM21]. **Phylogeography** [WAKO21]. **Physiological** [CAZ<sup>+</sup>21, GGW21, KSPP22]. **Pike** [LCF20, PCM<sup>+</sup>21, SGH<sup>+</sup>21, SM22, TCL<sup>+</sup>21]. **Piscivore** [Mic20a, STP<sup>+</sup>21]. **Piscivores** [GW21]. **PIT** [FPR20, MB21, PE21, ZWBS21]. **PIT-Tagged** [ZWBS21]. **Planning** [KS21]. **Plant** [CBS21]. **Plantings** [NHC<sup>+</sup>20]. **Platforms** [GRM<sup>+</sup>21]. **Poles** [DHWP21]. **Policy** [HIF21]. **Polybrominated** [HBTE22]. **Polymorphism** [BVP<sup>+</sup>21]. **Poolfish** [LKP<sup>+</sup>21]. **Population** [BOHA20, BBKJ21, BOB<sup>+</sup>21, COT20, CFPSW21, DBCS20, DEO20, DWGR21, FLW21, HSP21, HDH<sup>+</sup>20, HSS<sup>+</sup>20, HJBP20, HSH21, Kep21, KQS<sup>+</sup>20, MDA21, MSV<sup>+</sup>21, RBFQ20, RSK<sup>+</sup>21, RCR21, SL21, SPGP21, TLSP20, TCB<sup>+</sup>21, TPC21a, TPC21b, WAKO21]. **Populations** [AWO21, BMAM22, MSM21, MSL<sup>+</sup>20, MKK<sup>+</sup>21, MLB21, NF21, PCM<sup>+</sup>21, SPP<sup>+</sup>21, Sin21, WW21]. **Port** [NLW<sup>+</sup>20]. **Portable** [MLB21]. **Postflood** [TJ22]. **Postocular** [BR21]. **Postrelease** [CRH<sup>+</sup>22, LTB<sup>+</sup>22, LDH<sup>+</sup>22, RRB20]. **Postspawn** [FCMT21]. **Poststocking** [WWBM20, WW20]. **Potential** [Boo20, DC22, HSH21, MDA21, MK21, RZK<sup>+</sup>21, STB<sup>+</sup>21, SLE21, SFFW21, ZJL<sup>+</sup>21]. **Potomac** [KHB22]. **Practices** [BKM21, GRA<sup>+</sup>22, GGW21]. **Prairies** [CVD<sup>+</sup>20]. **Precision** [ORL<sup>+</sup>22]. **Predation** [BTZ<sup>+</sup>21, BSC<sup>+</sup>21, BKM21, GW20]. **Predatory** [MSL<sup>+</sup>20]. **Predict** [SPP<sup>+</sup>21, SHI22]. **Predicting** [DNW<sup>+</sup>22]. **Prediction** [HJ21]. **Predictive** [CFCN20]. **Predictor** [HW22]. **Preparation** [SMM20]. **Prevalence** [RAHS20]. **Prevent** [TM21]. **Prey** [BTZ<sup>+</sup>21, HMO<sup>+</sup>21]. **Prior** [MNA<sup>+</sup>20]. **Probability** [DKEI20, HMP22]. **Process** [LRM<sup>+</sup>20]. **Processing** [SB21a]. **Produce** [BBO20, CEH<sup>+</sup>20]. **Produced** [BHT<sup>+</sup>21]. **Productivity** [PST<sup>+</sup>20]. **Program** [FHA<sup>+</sup>21, HW22, PWLH21]. **Programs** [DC22, NLW<sup>+</sup>20]. **Project** [TM21]. **Promise** [IPZK21]. **Promote** [KBC<sup>+</sup>20]. **Prone** [FPR20]. **Proportions** [JWG<sup>+</sup>21]. **Proposed** [BBFQ21, BB21a, GBJ21]. **Protocol** [LCF20]. **Protocols** [Har20]. **Proves** [TVG<sup>+</sup>21]. **Provide** [NMW<sup>+</sup>21]. **Proximity** [PJD<sup>+</sup>21]. **Public** [NLK21]. **Puget** [CLM20]. **Pulsed** [CMBR20]. **Put** [BM20, HBT<sup>+</sup>21, NLK21]. **Put-and-Take** [BM20, HBT<sup>+</sup>21].

**Quagga** [CGD<sup>+</sup>21]. **Quality** [FB20, Owe21, TPC<sup>+</sup>22]. **Quantifies** [EMRK20]. **Quantify** [RBFS20]. **Quantifying** [HGH<sup>+</sup>21, SFFW21, WGBK22]. **Quantity** [FB20]. **Quatrefoil** [KBDI21]. **Québec** [CVD<sup>+</sup>20]. **Question** [TPA<sup>+</sup>21].

**Radiocarbon** [DAS20]. **Radiotelemetry** [SFFW21, WWBM20]. **Rainbow** [BS21, BR21, CRH<sup>+</sup>22, Owe21, RWS<sup>+</sup>21, TCB<sup>+</sup>21, WB21]. **Raised** [HLDK21]. **Raised-Footrope** [HLDK21]. **Ramp** [RFK<sup>+</sup>20]. **Ramps** [DDT<sup>+</sup>20]. **Random** [HW22]. **Range** [AWG<sup>+</sup>20, SMP<sup>+</sup>21]. **Rangewide** [BVP<sup>+</sup>21]. **Rapid** [KNC<sup>+</sup>20, LCF20, MSD<sup>+</sup>22]. **Rapidly** [DS20]. **Rate**

[DH21, GRA<sup>+</sup>22, KQS<sup>+</sup>20, LHR<sup>+</sup>20, LSP20, SB21b]. **Rates** [BM20, DPR<sup>+</sup>20, MdAM21, MSP21, RGMH20, RRB20, SPP<sup>+</sup>21, SWM22, SPY<sup>+</sup>20]. **Ratios** [FMM20]. **Ray** [IPZK21]. **Rays** [LMA20, MCB20]. **Razorback** [FDG<sup>+</sup>21, HUTB21, dVB20a, dVB20b]. **Re** [KMS21]. **Re-examination** [KMS21]. **Reach** [JDO<sup>+</sup>20]. **Reach-Scale** [JDO<sup>+</sup>20]. **Reaches** [CSQ<sup>+</sup>21]. **Reared** [FDG<sup>+</sup>21, LMN<sup>+</sup>20, LMA20, PE21]. **Rearing** [MNA<sup>+</sup>20]. **Recapture** [DWGR21, SHI22, ZSLG21]. **Recently** [ORWS21]. **Recolonization** [RG20, TM21]. **Records** [MSLP22]. **Recover** [PST<sup>+</sup>20]. **Recovery** [KBC<sup>+</sup>20, KS20, MNA<sup>+</sup>20, PCM<sup>+</sup>21, PA21]. **Recreation** [BBO20]. **Recreation-Grade** [BBO20]. **Recreational** [BHT<sup>+</sup>20, BDC22, 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]. **Recreational-Grade** [LRM<sup>+</sup>20]. **Recruitment** [BKM21, DBS21, FFG20, HSH21, MGMP21]. **Red** [BCW<sup>+</sup>21, GRM<sup>+</sup>21, MAB<sup>+</sup>20, PG20, SDF<sup>+</sup>21, SPSH20]. **Redear** [PSS21]. **Redeye** [LEHP21]. **Redistribution** [PC20]. **Redside** [SLE21]. **Reduce** [TCL<sup>+</sup>21]. **Reduces** [BTZ<sup>+</sup>21, CRH<sup>+</sup>22, HLDK21]. **Reducing** [GvRSS21, TPA<sup>+</sup>21]. **Reduction** [RCD20]. **Reef** [BCW<sup>+</sup>21, GKRH21]. **Reefs** [BCW<sup>+</sup>21, JCB<sup>+</sup>21]. **Reentrainment** [AWZ<sup>+</sup>20]. **Reflects** [SGM<sup>+</sup>20]. **Regeneration** [LCF20]. **Region** [FNT21]. **Regulated** [BBKJ21, ESCI21, MML<sup>+</sup>22]. **Regulation** [BSKM20, CFPSW21]. **Regulations** [MK21, NMBM21, ORWS21, SL21]. **Reintroduced** [HSH21, HMO<sup>+</sup>21]. **Reintroduction** [MRM<sup>+</sup>21]. **Relating** [CWB<sup>+</sup>21, HIF21]. **Relation** [EP21, HQWD20, LBH21]. **Relationship** [COT20, CDB22]. **Relationships** [KNK22, OS20]. **Relative** [HBT<sup>+</sup>21, KBDI21, PG20]. **Release** [BCS<sup>+</sup>21, BBKJ21, BDC22, ERT21, LMN<sup>+</sup>20, MDBC21, MML<sup>+</sup>22, SGH<sup>+</sup>21]. **Released** [MGNP22, RMB<sup>+</sup>20]. **Releases** [BAH<sup>+</sup>20]. **Relies** [PST<sup>+</sup>20]. **Remediation** [GKRH21, HKPP20]. **Remote** [AKC20, MRM<sup>+</sup>21, SCN<sup>+</sup>21]. **Removal** [Bar21, MSL<sup>+</sup>20, ZMA20]. **Removals** [SVS<sup>+</sup>21, SPGP21]. **Repelled** [DS20]. **Reporting** [MAB<sup>+</sup>20, PWLH21, TPC<sup>+</sup>22]. **Reproducing** [HSS<sup>+</sup>20]. **Reproductive** [GLSF21, KDB<sup>+</sup>20, NF21, SBD<sup>+</sup>20]. **Rescue** [BBB<sup>+</sup>21]. **Research** [MS21a]. **Researchers** [BPT21]. **Reservoir** [BPL<sup>+</sup>21, BBKJ21, BKM21, DBS21, FFG20, NHC<sup>+</sup>20, SNLD21, SPP<sup>+</sup>21, TPC21b, VF21, WW21, SSPL20]. **Reservoirs** [HN21, KNC<sup>+</sup>20, MK21, NMBM21, PSS20, SWJ<sup>+</sup>21, TPC21a, WW20]. **Residency** [AS20]. **Resident** [HMO<sup>+</sup>21]. **Resiliency** [DBCS20]. **Resins** [SMM20]. **Resource** [BPT21]. **Response** [BGC<sup>+</sup>21, CVD<sup>+</sup>20, FNB<sup>+</sup>22, RKP<sup>+</sup>22, VF21, YZJ<sup>+</sup>21]. **Responses** [GGW21, KES<sup>+</sup>21, KSPP22, SPGP21]. **Restoration** [BAH<sup>+</sup>20, HGMR21, PC20, RKP<sup>+</sup>22]. **Restore** [PST<sup>+</sup>20]. **Restrictive** [BSKM20]. **Restructure** [Mic20a]. **Retention** [BR21, CRH<sup>+</sup>22, DWSM21, OTW<sup>+</sup>22, SPSH20, ZSLG21, dVB20a]. **Retracted** [BM20]. **Return** [TPC<sup>+</sup>22]. **Returning** [BB21b]. **Returns**

[MR21b]. **Reveal** [BBP20, LKP<sup>+</sup>21, MSLP22]. **Revealed** [DRPW21]. **Reveals** [SG21]. **Review** [NKK21, ZWBS21, ZZWX20]. **Reviewer** [Ano20g, Ano21i]. **Revisited** [BBC21]. **Ring** [OTW<sup>+</sup>22]. **Rio** [COT20]. **Risk** [AWZ<sup>+</sup>20, GvRSS21, PCM<sup>+</sup>21, RAHS20]. **River** [ARK<sup>+</sup>21, BHT<sup>+</sup>21, BQR<sup>+</sup>20, CBLW21, CLSM20, CP21a, CSQ<sup>+</sup>21, CFPSW21, DBS21, DTK20, EP21, ESCI21, FM20, FCMT21, HTH<sup>+</sup>21, HSP21, HBV<sup>+</sup>21, HGH<sup>+</sup>21, HGMR21, HSH21, HHH<sup>+</sup>22, JDO<sup>+</sup>20, LSB<sup>+</sup>21, LGQ<sup>+</sup>21, MWR21, MGMP21, MQK<sup>+</sup>20, MNA<sup>+</sup>20, PA21, PE21, PC20, Rac21, RKP<sup>+</sup>22, RSK<sup>+</sup>21, SL21, SCMJF20, SLL<sup>+</sup>21, SPSH20, SPY<sup>+</sup>20, TPA<sup>+</sup>21, TCB<sup>+</sup>21, WRH<sup>+</sup>21, AKC20, BB21b, CWB<sup>+</sup>21, DHWP21, FFG20, FLW21, HAP<sup>+</sup>22, HSS<sup>+</sup>20, HCM<sup>+</sup>22, JCB<sup>+</sup>21, Kep21, KHB22, OBR<sup>+</sup>20, PST<sup>+</sup>20, SNLD21, Sin21, SG21, TRB<sup>+</sup>21, TPA<sup>+</sup>21, YZJ<sup>+</sup>21]. **Riverine** [BCS<sup>+</sup>21]. **Rivers** [FPR20, MSLP22, SMP<sup>+</sup>21, WM21, SWTH21]. **Rivière** [CVD<sup>+</sup>20]. **Rivière-des** [CVD<sup>+</sup>20]. **Road** [RRL<sup>+</sup>21]. **Rock** [RFK<sup>+</sup>20]. **Rock-Ramp** [RFK<sup>+</sup>20]. **Rocky** [GKRH21]. **Round** [BOB<sup>+</sup>21]. **Run** [HAP<sup>+</sup>22, JWG<sup>+</sup>21, SFFW21].

**Sacramento** [HAP<sup>+</sup>22]. **Sagittal** [BS20]. **Sales** [ZLM21]. **Salmon** [BPL<sup>+</sup>21, BBB<sup>+</sup>21, BHT<sup>+</sup>21, BB21b, BSC<sup>+</sup>21, CEH<sup>+</sup>20, CFCN20, DPR<sup>+</sup>20, FM20, FHR21, FLW21, FMM20, Har20, HAP<sup>+</sup>22, HJ21, HHH<sup>+</sup>22, HMO<sup>+</sup>21, JSH<sup>+</sup>21, JWG<sup>+</sup>21, KSJ<sup>+</sup>20, KES<sup>+</sup>21, MGNP22, PST<sup>+</sup>20, PC20, RPJ<sup>+</sup>21, RAHS20, RSK<sup>+</sup>21, SKA21, SFFW21, TRB<sup>+</sup>21, WRH<sup>+</sup>21]. **Salmonid** [PS21, SWTH21, TSJ20, TPA<sup>+</sup>21]. **Salmonids** [NRJ<sup>+</sup>20]. **Salvaged** [AWZ<sup>+</sup>20]. **Sample** [MS21b, SB21b]. **Sampling** [BOHA20, CBC<sup>+</sup>20, CHS<sup>+</sup>22, DHWP21, HCS<sup>+</sup>21, HW22, MR21a, NLW<sup>+</sup>20, PSS21, SWJ<sup>+</sup>21, TCB<sup>+</sup>21]. **San** [BSC<sup>+</sup>21]. **Sandbar** [AS20]. **Sandusky** [HBV<sup>+</sup>21]. **Satisfaction** [BM20, SDF<sup>+</sup>21]. **Saugeye** [BKM21]. **Saves** [GC21]. **Scale** [BCW<sup>+</sup>21, BGC<sup>+</sup>21, HW22, JDO<sup>+</sup>20, RCD22, SR20, SM22]. **Scale-Based** [SR20]. **Scale-Derived** [RCD22]. **Scales** [CLM20, Har20, HQWD20]. **Scallop** [WKM<sup>+</sup>21]. **Scan** [BBO20, LRM<sup>+</sup>20]. **Scenarios** [RBFQ20]. **Screen** [RZA<sup>+</sup>21]. **Screening** [HW22]. **Sea** [RRB20, WKM<sup>+</sup>21, GLSF21]. **Search** [HSTH20]. **Season** [AZL<sup>+</sup>21, MPM21, SPP<sup>+</sup>21]. **Seasonal** [RWS<sup>+</sup>21]. **Second** [IPZK21]. **Section** [CP21a, GK21, SDB<sup>+</sup>20]. **Sectioned** [LKP<sup>+</sup>21]. **Sediment** [GKRH20]. **Sedimentation** [PKTZ20]. **Segments** [HSP21, STB<sup>+</sup>21]. **Selective** [GW20]. **Selectivity** [RAB<sup>+</sup>20]. **Self** [MAB<sup>+</sup>20]. **Self-Reporting** [MAB<sup>+</sup>20]. **Semiautomated** [LRM<sup>+</sup>20]. **Sensing** [AKC20]. **Sets** [Rac21]. **Setting** [LSP20]. **Sex** [BB21b, MSD<sup>+</sup>22, WPGC21]. **Sexual** [LKP<sup>+</sup>21]. **Shad** [CVD<sup>+</sup>20, KNK22, MWR21, MGMP21, STP<sup>+</sup>21]. **Shark** [HCC<sup>+</sup>21]. **Sharks** [AS20, GC21]. **Sharpnose** [AS20]. **shasta** [RAHS20]. **Shell** [OS20]. **Shiners** [SLE21]. **Shore** [RH20]. **Short** [CSQ<sup>+</sup>21, LTB<sup>+</sup>22]. **Short-Term** [CSQ<sup>+</sup>21, LTB<sup>+</sup>22]. **Shortnose** [KS20]. **Shovelnose** [HSH21]. **Shows** [IPZK21]. **Shrimp** [PG20]. **Sibship** [KDB<sup>+</sup>20]. **Side** [BBO20, LRM<sup>+</sup>20]. **Side-Scan** [BBO20, LRM<sup>+</sup>20]. **Signal** [PA21]. **Signatures** [LMA20].



**Significantly** [HLDK21]. **Silver** [RGMH20, SHFP20]. **Silvery** [COT20].  
**Similarities** [CEH<sup>+</sup>20]. **Simple** [BB21b, MW20]. **Simulated**  
[COT20, KSPP22, MSM21, 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]. **Site** [CGD<sup>+</sup>21, MRM<sup>+</sup>21, SCN<sup>+</sup>21]. **Site-Specific**  
[CGD<sup>+</sup>21]. **Situ** [CP21b, SHFP20]. **Situk** [CLSM20]. **Size**  
[CSLW22, COT20, CLTJ21, GW20, HJBP20, MR21b, MS21b, MK21, OS20,  
SB21b, TPC21b, WM21]. **Size-Based** [HJBP20]. **Size-Selective** [GW20].  
**Size-Specific** [WM21]. **Sizes** [BR21, OTW<sup>+</sup>22]. **Skaha** [HMO<sup>+</sup>21]. **Skein**  
[GWM21]. **Slope** [Rac21]. **Slot** [KBC<sup>+</sup>20]. **Small** [CMBR20, DWSM21,  
DRPW21, HN21, Mic20a, Mic20b, MB21, PSS21, SFFW21, TPPC20].  
**Small-Bodied** [DWSM21, MB21]. **Smallmouth**  
[AZL<sup>+</sup>21, BMAM22, ERT21, MQK<sup>+</sup>20, SR20]. **Smelt** [BSC<sup>+</sup>21, TCB<sup>+</sup>21].  
**Smolt** [Boo20, PS21, PST<sup>+</sup>20]. **Smolt-To-Adult** [PST<sup>+</sup>20]. **Smolts**  
[SWTH21]. **Snake** [SWTH21, TRB<sup>+</sup>21]. **Snapper**  
[BCW<sup>+</sup>21, GRM<sup>+</sup>21, MAB<sup>+</sup>20, PG20, SDF<sup>+</sup>21]. **Snook** [AWG<sup>+</sup>20]. **Snow**  
[GLSF21]. **Soak** [GC21]. **Sociodemographic** [ZLM21]. **Sockeye**  
[DPR<sup>+</sup>20, FM20, HMO<sup>+</sup>21, KES<sup>+</sup>21, RPJ<sup>+</sup>21]. **Soft** [MGNP22].  
**Soft-Released** [MGNP22]. **Sonar** [BBO20, EMRK20, FM20, LRM<sup>+</sup>20].  
**Sound** [DS20, MWR21, CLM20]. **Source** [PJD<sup>+</sup>21]. **Sources** [SKA21].  
**South** [DNW<sup>+</sup>22, SL21, BSKM20, CLM20, KHB22]. **Southeast**  
[HCC<sup>+</sup>21, JWG<sup>+</sup>21]. **Southern**  
[BCS<sup>+</sup>21, HN21, SDWM21, Bar21, Boo20, RG20, SCL<sup>+</sup>20]. **Southwest**  
[YZJ<sup>+</sup>21]. **sp** [PJD<sup>+</sup>21]. **Space** [HBV<sup>+</sup>21, SKA21]. **Spatial**  
[FFG20, GLSF21, HQWD20, Rac21, SLL<sup>+</sup>21, TSBJ20, TJ22, WGBK22].  
**Spatiotemporal** [HAP<sup>+</sup>22, SDWM21, WD21]. **Spawn** [BB21b]. **Spawning**  
[AKC20, BBP20, DPR<sup>+</sup>20, GKRH21, HUTB21, HSF<sup>+</sup>22, HRS<sup>+</sup>20, MWR21,  
RBFS20, SM22, SFFW21]. **Special** [CP21a, GK21, SDB<sup>+</sup>20].  
**Specialization** [TBIJ21]. **Specialized** [KS20]. **Species**  
[AWG<sup>+</sup>20, GvRSS21, HMP22, KNK22, KBDA21, LSB<sup>+</sup>21, MNA<sup>+</sup>20, MB21,  
MKK<sup>+</sup>21, OBR<sup>+</sup>20, SB21a, SCMJF20, TSBJ20]. **Specific**  
[CGD<sup>+</sup>21, RCD20, WM21]. **Specimen** [SMM20]. **Spill** [CVD<sup>+</sup>20]. **Spinal**  
[CMBR20]. **Spores** [RAHS20]. **Sport** [OBR<sup>+</sup>20, SPP<sup>+</sup>21]. **Spotfin**  
[DEO20]. **Spotted** [LSP20]. **spp** [AWG<sup>+</sup>20, LEHP21, MSD<sup>+</sup>22]. **Spring**  
[HHH<sup>+</sup>22]. **Spring/Summer** [HHH<sup>+</sup>22]. **St.** [BHT<sup>+</sup>20, JCB<sup>+</sup>21].  
**Stabilization** [GRA<sup>+</sup>22]. **Stable** [FMM20, MR21a, SSPL20]. **Standard**  
[BBFQ21, BB21a, GBJ21, RAB<sup>+</sup>20, SWJ<sup>+</sup>21]. **Standardized** [BVP<sup>+</sup>21].  
**Standards** [SR20]. **Standing** [HSW21]. **State** [DEO20, MSLP22, SKA21].  
**State-Space** [SKA21]. **States** [HCC<sup>+</sup>21]. **Statewide** [HW22]. **Station**  
[CVD<sup>+</sup>20]. **Status** [CFCN20, FHR21, PAC22]. **Steelhead**  
[Boo20, CLSM20, DBCS20, DRPW21, FCMT21, MR21b, MDBC21, MSLP22,  
PE21, PC20, RCD22]. **Stem** [CSQ<sup>+</sup>21, PE21]. **Stock** [DH21, DRPW21,  
FB20, FLW21, HCC<sup>+</sup>21, JSH<sup>+</sup>21, KBC<sup>+</sup>20, SNLD21, SFFW21]. **Stocked**  
[BS21, BTZ<sup>+</sup>21, BDHP20, DKEI20, GW21, HGSS20, KMS21, LHR<sup>+</sup>20,

TPPC20, WB21]. **Stocking** [BKM21, HN21, HW22, KSPP22, MR21b, MSM21, MWASW20, MNA<sup>+</sup>20, ZMA20]. **Stocks** [HSW21]. **Storage** [BBC21]. **Strains** [LHR<sup>+</sup>20]. **Stranded** [AWZ<sup>+</sup>20]. **Strategic** [KS21]. **Strategies** [MDBC21]. **Strategy** [BBB<sup>+</sup>21]. **Straying** [DRPW21]. **Strays** [DC22]. **Stream** [Bar21, BOHA20, BM20, BMAM22, CLTJ21, CDB22, CEH<sup>+</sup>20, DRPW21, HSW21, HKPP20, 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, WB21, ZWBS21]. **Stream-Dwelling** [RCD20]. **Stream-Type** [PST<sup>+</sup>20]. **Streams** [CLTJ21, CMBR20, HSW21, HCS<sup>+</sup>21, MRM<sup>+</sup>21, NLB21, RH20]. **Strength** [DNW<sup>+</sup>22]. **Stress** [GGW21]. **Striped** [ARK<sup>+</sup>21]. **Structure** [CSLW22, CKB<sup>+</sup>21, FLW21, KBC<sup>+</sup>20, KQS<sup>+</sup>20, MS21b, MKK<sup>+</sup>21, MK21, SB21b, SFFW21, TPC21b, WGBK22, WAKO21]. **Structured** [HMO<sup>+</sup>21]. **Studies** [BPT21, CBC<sup>+</sup>20, MR21a, RMB<sup>+</sup>20, TPC<sup>+</sup>22]. **Study** [AWZ<sup>+</sup>20, BDC22, FNT21, HDH<sup>+</sup>20, HJBP20, KBC<sup>+</sup>20, LL21]. **Sturgeon** [BAH<sup>+</sup>20, BHT<sup>+</sup>20, HLDK21, HSH21, HBTE22, IPZK21, LMN<sup>+</sup>20, LMA20, MNA<sup>+</sup>20, MPM21, PA21]. **Style** [TM21]. **Subadult** [HLDK21]. **Subestuaries** [HJB<sup>+</sup>21]. **Submerged** [BBO20]. **Subsampled** [LMO21]. **Subsampling** [HJBP20]. **Subsequent** [PE21]. **Subtropical** [SLL<sup>+</sup>21]. **Subyearling** [TRB<sup>+</sup>21]. **Success** [ESCI21, GKRH20, PO22, SBD<sup>+</sup>20]. **Successful** [HGMR21]. **Sucker** [CSLW22, FDG<sup>+</sup>21, HUTB21, ZMA20, dVB20a, dVB20b]. **Suckers** [ZWBS21]. **Suffocation** [PKTZ20]. **Suitability** [AKC20, NLB21]. **Suite** [GW21]. **Summer** [HHH<sup>+</sup>22, JWG<sup>+</sup>21]. **Summer-Run** [JWG<sup>+</sup>21]. **Sunfish** [PSS21]. **Superior** [RH20]. **Supplemental** [HN21, MWASW20, Owe21]. **Supplementation** [COT20]. **Support** [KLR<sup>+</sup>21]. **Suppression** [MSM21, RBFQ20, RCR21, WGKB20, WGBK22]. **Surgical** [KS20, LL21]. **Surrogate** [FNB<sup>+</sup>22]. **Survey** [CHS<sup>+</sup>22]. **Surveys** [DDT<sup>+</sup>20, MSV<sup>+</sup>21]. **Survival** [DKEI20, DPR<sup>+</sup>20, FDG<sup>+</sup>21, FCMT21, GWM21, HSTH20, HAP<sup>+</sup>22, HSF<sup>+</sup>22, KNC<sup>+</sup>20, MW20, PST<sup>+</sup>20, RZA<sup>+</sup>21, RRB20, SWTH21, TPPC20, WWBM20, WW20, WB21]. **Susquehanna** [SMP<sup>+</sup>21]. **Sustainable** [SLZ<sup>+</sup>20]. **Sympatric** [BBP20, KNK22, NRJ<sup>+</sup>20]. **Symposium** [CP21a]. **Synchrony** [FFG20]. **Synthesis** [BPT21, SDB<sup>+</sup>20, ZZWX20]. **System** [BHT<sup>+</sup>20, FPR20, JCB<sup>+</sup>21, LBH21, MQK<sup>+</sup>20, SGM<sup>+</sup>20, BQR<sup>+</sup>20]. **Systems** [ESCI21, HMB21, KDB<sup>+</sup>20].

**T** [SPSH20]. **T-Bar** [SPSH20]. **Tactic** [CGD<sup>+</sup>21]. **Tag** [DH21, FPR20, SG21, TPC<sup>+</sup>22, ZWBS21, ZSLG21]. **Tag-Return** [TPC<sup>+</sup>22]. **Tagged** [DPR<sup>+</sup>20, TRB<sup>+</sup>21, ZWBS21]. **Tagging** [DH21, DC22, JSH<sup>+</sup>21, MB21, NKK21, RCD22]. **Tags** [DWSM21, DRPW21, LDH<sup>+</sup>22, LFS20, PE21, SPSH20, TRB<sup>+</sup>21]. **Tailwater** [BS21]. **Take** [BM20, HBT<sup>+</sup>21, NLK21]. **Tallapoosa** [ESCI21]. **Tandem** [TPC21b]. **Target** [MBW21]. **Targeting** [KBDA21, WGKB20]. **Taxa** [FNB<sup>+</sup>22]. **Taxonomic** [AWG<sup>+</sup>20]. **Technique** [TVG<sup>+</sup>21]. **Techniques** [GKRH21, HCS<sup>+</sup>21]. **Technologies** [PREBK22]. **Technology** [TVG<sup>+</sup>21].

**Telemetered** [WGKB20]. **Telemetry** [AWZ<sup>+</sup>20, MWR21, RMB<sup>+</sup>20].  
**Temperature** [GRA<sup>+</sup>22, LSP20, MPM21]. **Temperatures** [SPY<sup>+</sup>20].  
**Temporal** [DHWP21, GLSF21, KHB22, Rac21, RSK<sup>+</sup>21]. **Temporary**  
 [CRH<sup>+</sup>22]. **Tensaw** [AP20]. **Term** [CBS21, CSQ<sup>+</sup>21, LTB<sup>+</sup>22, PA21].  
**Terrestrial** [GK21]. **Test** [FM20]. **Texas**  
 [AWO21, KDB<sup>+</sup>20, NMBM21, STB<sup>+</sup>21]. **Texoma** [SSPL20, TLSP20]. **Their**  
 [RG20, HMO<sup>+</sup>21]. **Thermal** [BMAM22]. **Thiamine** [FHR21]. **Thin**  
 [LKP<sup>+</sup>21]. **Thin-Sectioned** [LKP<sup>+</sup>21]. **Those** [GC21]. **Threatened**  
 [DEO20, HTH<sup>+</sup>21, MKK<sup>+</sup>21]. **Threats** [LGQ<sup>+</sup>21]. **Three**  
 [NLB21, OTW<sup>+</sup>22, SB21a, SWJ<sup>+</sup>21, WWBM20]. **throughout** [DPR<sup>+</sup>20].  
**Thunder** [FB20]. **Thyroid** [HBTE22]. **Tiber** [VF21]. **Tidal** [FM20]. **Time**  
 [GC21, RPJ<sup>+</sup>21]. **Times** [GC21]. **Timing** [MSLP22, SFFW21]. **Tool**  
 [DHWP21, HW22, Owe21, TPA<sup>+</sup>21]. **Tournament**  
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 [DWSM21, SG21, TRB<sup>+</sup>21]. **Transport** [GvRSS21]. **Trap**  
 [OTW<sup>+</sup>22, TSJ20, dVB20b]. **Traps** [KBDI21, dVB20a]. **Traveling**  
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 CLM20, CDB22, DWGR21, HQWD20, HW22, HSF<sup>+</sup>22, HKPP20, KLR<sup>+</sup>21,  
 LL21, LFS20, MR21b, MBW21, MWASW20, MKK<sup>+</sup>21, NMW<sup>+</sup>21, ORL<sup>+</sup>22,  
 Owe21, PKTZ20, RCD20, RH20, RWS<sup>+</sup>21, RRL<sup>+</sup>21, RSK<sup>+</sup>21, SCN<sup>+</sup>21,  
 TCM20, TBIJ21, TM21, WPGC21, WGKB20, WGBK22, WB21]. **Turbid**  
 [FM20]. **Turbine** [AWZ<sup>+</sup>20]. **Two** [BR21, GKRH21, GRA<sup>+</sup>22, HSW21,  
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 [DEO20, RBFS20]. **United** [HCC<sup>+</sup>21]. **Units** [PG20]. **Unmanned**  
 [TVG<sup>+</sup>21]. **upon** [GC21]. **Upper**  
 [LGQ<sup>+</sup>21, BQR<sup>+</sup>20, FCMT21, MNA<sup>+</sup>20, RKP<sup>+</sup>22, SNLD21, SG21, YDM<sup>+</sup>20].  
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 BBKJ21, HBV<sup>+</sup>21, JCB<sup>+</sup>21, LBH21, MWR21, MSM21, MML<sup>+</sup>22, MDA21,  
 MS21b, MSP21, MSV<sup>+</sup>21, RWS<sup>+</sup>21, RBFS20, STP<sup>+</sup>21, SWJ<sup>+</sup>21, ZWBS21].  
**Used** [LMO21]. **Using**  
 [AKC20, BBB<sup>+</sup>21, BBO20, BSC<sup>+</sup>21, CFPSW21, CFCN20, DAS20, DH21,

DEO20, DDT<sup>+</sup>20, FNB<sup>+</sup>22, GW21, Har20, HJ21, KBC<sup>+</sup>20, KSJ<sup>+</sup>20, LHR<sup>+</sup>20, LMA20, LDH<sup>+</sup>22, MR21a, MLB21, NMBM21, PG20, RCD22, RGMH20, RMB<sup>+</sup>20, SKA21, SHFP20, SMM20, TCM20, WWBM20, ZWBS21, vPM20]. **Utah** [BBFQ21, RBFQ20]. **Utility** [DNW<sup>+</sup>22, vPM20]. **Utilized** [RBFS20]. **UV** [SMM20]. **UV-Cured** [SMM20].

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