# A Complete Bibliography of Publications in *Limnology and Oceanography*: 2020–2029


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## Title word cross-reference


3 [MMF+24]. $^{13}$ [HZC+24, LRRP20, WWGP21]. $^{14}$ [NCO+24]. $^{15}$ [HZC+24, SWS+22, WWGP21]. $^{18}$ [DLL20]. $^{222}$ [ACW+22]. $^{223}$ [LvBS+22]. $^{224}$ [LvBS+22]. $^{34}$ [HZC+24]. $^{th}$ [BGM+22]. $_2$ [AAC+21, AFH+21, AFH+22, ACW+22, AKT+21, BLS20, CGR22, CT23, CTM+21, CCB+20, CSC+21, CYT+24, CMCC24, CHS+20, DRA+23, EDC24, EBW+20, EWGP22, GPB+20, HBS+22, HGA24, LLL+23, LSL+20, LTLH22, MGP+21, MDWT+22, MRT+24, MGG+24, NB20, OCCW24, QBJG21, RRHS+21, RGW+23, RSP+24, SBCF24, SCC+21, SDB+23, SPLJA+20, SWV+24, SLP+24, TZF+22, TMS+21, hTRH20, VLP+21, VKB+22, WRHR22, WDG+21, WYY+24, WMRL22, XWL+21, YJS+25, YMSH20, YSHS22, YSHS23, YZX+24, YG23, ZMC+24]. $_3$ [LL23]. $_4$ [AFH+21, DRA+23, WYY+24, YJS+25]. : [KMV+20]. $\delta$ [HZC+24, LRRP20, SWS+22, WWGP21]. $p$ [ACW+22, YG23].

**-induced** [SLP+24]. **-system** [SBCF24].

**10.1002** [Ano21a]. **10.1002/lno.10504** [Ano21a]. **12-yr** [BPG+22].

**2011** [TNK+22]. **2016** [CMT+20].

**30** [RCMA21]. **30$^o$** [BSGA21]. **36-month** [GWS+21].

**59$^o$** [BSGA21].

**62** [Ano21a]. **64** [Ano21b].

**7-yr** [CON+24].

**8-m** [BGM+22].

**ability** [KMM+22]. **Abiotic** [FSdS+24, KPNJ23, LGF22, MTP+23, TZF+22, WRMP22]. **above** [BZK+22, GPK+21, NH23]. **Abrupt** [BGM+22, GBO+20]. **absorption** [AVJ+24, SSB+22]. **abundance** [BMR+21b, BBGM20, GFW+20, KRBF25, LBBM21, LPMBR23, MBD+22, MCYR20, SSH+22, WGK+24b, ZGdS+24, ZMS+24]. **abundances** [CON+24, EPR+24, NCO+24, SML+21a]. **abyssal** [GdJA+25, dJSS24]. **acantharian** [BBGM20]. **accelerate** [CCC+21]. **Accelerated** [AJMG21]. **Acclimation** [GTKW+20, SMD21]. **accounting** [KHCG+22, LAB+22]. **accounts** [SMW+21]. **accretion** [CEE+22, MEQBV20, MVBG20]. **accumulation** [BAG+24, HMP+21, LLK+22, LAB+22, MEQBV20, PBP+23, SSWM20, hTRH20, WSLC22, ZWM22]. **accurate** [GCS+24, KHCG+22, NMRW24, TFI+24]. **achieved** [KTA+21]. **Achilles** [ZvBZ+20]. **acid** [BBWB24, KMZ+24, KLG+23, LTF+24, SRM23, VCT+23, WWGP21]. **acidic** [MNMJ+21, SPLJA+20]. **acidification** [ARPFGS23, CCS+24, HDS+20, HSV22, JHS+21, RVBP23, RBD22, RLP+20, SMG+22, SSEO21, SLP+24, WGK+24b, ZLU+20]. **acids** [BRV+25, CLG+24, DMS+21, EST+24, KHSP21, TRC+25, VST+22, WDS+23]. **acoustically** [GNO22]. **acquisition** [DK20, SdBW+23]. **across** [Ano24a, ARB+22, BMA+20, BCTH20, BRHS20, BBWB24, CLG+24, CR25, CEW+21, CZK+23, CEE+22, CLP+24, DHNH22, DRA+23, DBFC24, DFF+24, ETMD23, FDF+21, GSP+23, GGLH+22, GCW+23, GLAHH+23, GLARS25, GSD+23, GMC+25, HDD+22, HLPT20, HM20, HMOY25, JLS+20, JHBB22, KAP+20, KSF+23, LTQS+21, LHL+21, LTW+24, LHD+20, LCZ+21, MTP+23, MLP+21a, MMF+24, MSB+22, MCH+21, MKP+23, NH22, PYM+20, PGEB22, RWMP+23, RSLW23, RBAC+20, RVS+22, SWOR20, SML21b, SHZ+21, SSR+23, TCB25, TKA21, VCBB20, VMT+24, VCT+23, VST+22, VMP+21, WRC+21, WCC20, YAL+25, YZX+24, ZMS+24, vHHP+22]. **across-shore** [MMF+24]. **act** [OYM+20]. **activated** [FDB24]. **active** [BGvL+25, BGG+20, EBK+20, PC21, RTK23, SSS+24, XYL+23]. **actively** [FDB24]. **activities** [BSGA21, LZD+23]. **activity**

[CTP21, CLT$^{+}$22, GFW$^{+}$20, KGG$^{+}$23, OSK$^{+}$24, PGN$^{+}$21, SCC$^{+}$21, SAD$^{+}$20, ZLJ$^{+}$24, ZYZ$^{+}$21, vHLV$^{+}$20]. **acute** [EFP$^{+}$21]. **adaptation** [HH24, LBvE23, LCS$^{+}$20, MUGL20, RCS$^{+}$20, ZZCD23]. **adaptations** [FRRG$^{+}$21]. **adapted** [CBD$^{+}$23, KKP$^{+}$21, MRC$^{+}$24, TKA21]. **Adaptive** [WSB$^{+}$20, CBT$^{+}$21, DKW$^{+}$21]. **addition** [BVM$^{+}$20, ZLA$^{+}$24]. **additionality** [HGA24]. **additions** [DCF$^{+}$22, PBC21, VWR$^{+}$23]. **Adélie** [NCC$^{+}$21]. **Adirondack** [WK21]. **adjacent** [DKPS23, KSF$^{+}$23, NCC$^{+}$21, SORGC$^{+}$21]. **Adjusting** [FUJE24]. **Adriatic** [CDA$^{+}$20]. **advances** [SHS$^{+}$22]. **Advancing** [HAB$^{+}$24, MVBG20]. **advected** [SLZ$^{+}$21b]. **advection** [CJB$^{+}$21]. **advective** [LDG$^{+}$21]. **Aerobic** [AWB$^{+}$23, SSM$^{+}$22b]. **aerosol** [YAE$^{+}$23]. **aeruginosa** [MDP$^{+}$23]. **affect** [BRV$^{+}$25, CZA24, DGTW21, GMD$^{+}$24, OJUN23, PSNS22, RGE$^{+}$24, SVBT20, SOT$^{+}$20, XSZ$^{+}$21]. **affected** [IÁSNCR21, QMG21, TUR$^{+}$20]. **affecting** [ZLJ$^{+}$24]. **affects** [ARPFGS23, HH24, LRNG24, LHS$^{+}$20, RWL$^{+}$24, RBL$^{+}$20, TJH$^{+}$25, WWB$^{+}$20, vdPAV$^{+}$20]. **affiliation** [HNS21]. **Africa** [GBB$^{+}$21]. **African** [LL23]. **after** [BWB$^{+}$22, GPB$^{+}$20, HBR$^{+}$22, RGE$^{+}$24, RVS$^{+}$22]. **aftermath** [KPS21]. **age** [FHMK20]. **aged** [KSH$^{+}$23]. **aggregate** [HVMS$^{+}$21, KL22, ZLIP20]. **aggregate-colonizing** [KL22]. **aggregates** [EWGP22, LCMG$^{+}$20, ZLIP20]. **aggregation** [ALG$^{+}$23, OHK$^{+}$24]. **aggregations** [MBLA$^{+}$21]. **aging** [SSS$^{+}$24]. **Aglantha** [MMKWZ22]. **aid** [LHH24]. **aids** [LBJS22]. **air** [ACW$^{+}$22, CCB$^{+}$20, CCS$^{+}$24, MBA$^{+}$21, SGM$^{+}$21]. **al** [Ano21b, ZR23, Ano21a]. **al.** [CSH21, PPB$^{+}$21]. **Alaska** [CCDM21, MDDL22, VJH$^{+}$22]. **Alaskan** [MK21, SSR$^{+}$23]. **alewife** [DFJ22, RPA$^{+}$22]. **Alexandrium** [BH21, PHM21]. **alga** [BK20, GR24, WCH$^{+}$21]. **algae** [CYT$^{+}$24, FPBG$^{+}$22, LLSQ24, MTT$^{+}$24, THS21]. **algal** [BMGK22, FPG$^{+}$24, GTKW$^{+}$20, HPF$^{+}$23, HM20, KMK$^{+}$24, KAC$^{+}$23, KRC23, KWB21, KNG$^{+}$23, LZG21, SKB$^{+}$22, ZXZ$^{+}$23]. **algal-virus** [HPF$^{+}$23]. **algorithms** [MT23]. **alicyclic** [LPO$^{+}$20]. **align** [LFBS24]. **aligns** [CGB$^{+}$21]. **alkaline** [BWV$^{+}$20]. **Alkalinity** [YXC$^{+}$22, CCS$^{+}$24, DSY20, HSLB25, IMB$^{+}$22, WGK24a]. **alkenone** [THT$^{+}$20]. **alkenone-producing** [THT$^{+}$20]. **alleviate** [LLGP24]. **alleviates** [CMY$^{+}$25, RS20]. **allocation** [ZLS$^{+}$21]. **allochthonous** [CTP21, KBB$^{+}$22, MZR$^{+}$25]. **allochthony** [HHK$^{+}$22]. **allometries** [LLMM$^{+}$23]. **allow** [RTK23]. **allows** [HMBB21, TFI$^{+}$24]. **ALOHA** [BMR$^{+}$25]. **along** [ADLW22, AKT$^{+}$21, BGAD$^{+}$22, BWV$^{+}$20, BBL$^{+}$21, CÖL$^{+}$20, CFC$^{+}$20, CCY$^{+}$21, CCDM21, DWS$^{+}$22, EJM$^{+}$23, GEHD20, HGDW24, HHMH22, IMB$^{+}$22, IYW$^{+}$22, JSL$^{+}$23, JWAvD$^{+}$22, KPS21, LAFV23, LSC$^{+}$21, MHP$^{+}$23, NSK$^{+}$21, PMF$^{+}$21, RCMA21, SO23, TKW$^{+}$23, TKS$^{+}$20, WYY$^{+}$24, ZZO$^{+}$21, ZYZ$^{+}$21]. **alongshore** [ZSZ$^{+}$24]. **Alosa** [DFJ22]. **alpha** [GCEM$^{+}$23]. **Alpine** [SPR22, BVL$^{+}$23, PSE$^{+}$20, PMD$^{+}$23, SDS$^{+}$23, XTL$^{+}$20, ZLJ$^{+}$24, DLC$^{+}$22]. **Alps** [ESW$^{+}$21]. **alter**

[CHA+24a, DKBG21, GTMC25, HEH+20, HZS21, MRT+24, ZZWL22]. **alterations** [BCFI+22, CMB+21]. **altered** [BMH+23, LFBS24, LVZ21, RSLW23]. **altering** [OSK+24]. **alternative** [BSIdG23, SH22, SHBA22]. **alters** [JHBB22, KTH+21, MMKWZ22, RLP+20, SMD21, ZZT+21, ZWM22]. **altitude** [DCF+22]. **Aluminum** [ZLL+21, MCS+23, ZLA+24]. **Amazon** [CBF+23, LvBS+22, PBP+23, PCN22, dMKB+20]. **Amazonia** [KDZ+24]. **American** [ETG21, TFI+24, WSB+20, YWZ+21]. **Amino** [KMZ+24, SRM23, WWGP21, DMS+21, GAS+23, KHSP21, VCT+23, WDS+23]. **ammonia** [FSS+23]. **ammonium** [ACA+22, AWGV20, CEW+21, HBR+22, MSB+22, PCC+23, RWS+22]. **among** [BRB+20, BFE+20, BRB+22, CGGC+21, CLW+21, EWF22, HEH+20, HDS+20, LTJ+20, LLBC20, MGG+24, RCH+20, RBR+23, SVMM+22, SRM23]. **amphipod** [BRB+22]. **amplified** [BTK+21]. **Anaerobic** [LPA+23, ACA+22, MWHR+22, SSM+22b, SZY+20]. **Analyses** [GWS+21, KLG+23, WWGP21, WDS+23, YZX+24]. **Analysis** [MMLPRHCG22, vHHP+21, CDH+21, DMS+21, FHMK20, HTLP23, LN21, MZR+25, MGWS23, SGM+22, WZCK20]. **anammox** [CEW+21, CHP+24, ZQB+21]. **anchialine** [HBY+22]. **Andean** [BLS+22, PBGGRB21]. **anemone** [GB25]. **anhydrase** [SAD+20]. **animals** [LG21, NCO+24]. **Annual** [CVF+20, vLWV+20, FR23, SDL22, vdPMF+21]. **Anomalous** [CJB+21]. **anoxia** [AJMG21, CCC+21]. **Anoxic** [GBSVJR+24, HBR+22, KdED+20, SSM+22b]. **Antarctic** [CFC+20, CMT+20, NGSS23, BTT23, BJK+21, BBL+21, CT23, CP22, CSNS24, DAB+21, JHvL+23, JWAvD+22, KTH+21, LDS+20, MSGW+20, MP23, MHP+23, SGSF20, WOMWR20, YAH+21, YRC+24, vLWV+20]. **Antarctica** [LWvdM+21, NCC+21, SSP+20, DAB+21]. **Antecedent** [TKM+22, RVS+22]. **Anthropocene** [BAG+24, KDW+23, YPH+24]. **Anthropogenic** [MLL+21, BDC+24, CLW+21, FBK+22, LDB+20, WM20, ZYZ+21]. **anticyclone** [WCC20]. **apex** [MWV22]. **aphotic** [LLL+23]. **Apparent** [BBWB24]. **appendicularian** [MLS+21]. **application** [HSLB25, KTP25, LCMG+20, SWV+24, SHPW22]. **Applications** [DAN+22]. **Applying** [WRMP22]. **approach** [ALG+23, ASL+24, DNA+22, FMT+20, GCEM+23, GBW24, KBSA21, KTP25, KHCG+22, TJL+24, VMP+21]. **approaches** [GWS+21, KSF+23, LAB+22, MLB+21, PMJ+21, ST22, WAPC20]. **approaching** [AR20]. **aquatic** [BBMD20, CBPNA22, GF21, GMMW20, HEH+20, HTSG21, HGMK22, MLB+21, MGWS23, QS21, SHS+22, SPHH22, YJB+20, ZN20, dGKB24]. **aquifer** [BKMY21, KPM+20]. **archaea** [SZY+20]. **archaeaplankton** [WPY+20]. **archetypes** [LWH+23]. **Archipelago** [vHLV+20, SBV+21]. **archives** [TJW+22]. **Arctic** [SBM+21, TMS+21, BCA+20, BOC+21, BPG+22, BSC+24, CLD+23, CM20b, CGB+21, DGD+24, GPK+21, HZM+21, HTSG21, HGH+21, IKN+21, JLMW21, KAP+20, KLG+23, KGG+23, LAFV23, LMM+21, LLC21, LWC+24, LXC+21b, LDB+21, MMKWZ22, MKBSK19, MN20, MKD22, MGGRR+21, NB23, PVH24, PGN+21, PLB+21, RRH+24, RBR+24, RRHS+21, RGW+23, RCS+20, SJR21, SMCS23, SHE+21, SZA+21, SJJ+21, SSR+23, TVB+21, VCT+23, VMP+21, WCH+21, WRHR22, WM20, XKP+22, ZZO+21, ZXE+23, ZYW+24, vdPAV+20, vdPMF+21]. **area** [CHS+20, CBS+21, IJSC20, PPB+21]. **areas** [DvOH+20]. **Argo** [WF22]. **argus** [BFCC+21]. **arid** [LRM21]. **array** [MMF+24]. **arsenic** [PCJ+21]. **arthropod** [KPNJ23]. **artificial** [ARB+22, MTB+21, SJH20]. **artificially** [DMCW23]. **ascidians** [JSW+21]. **ASLO** [Ano20a]. **assemblage** [PATL+23, RLP+20]. **assemblages** [ASL+24, JSE+25, SKB+22, SSB+22]. **assembly** [GMD+24, IYW+22, SGS22]. **assess** [YIS+24]. **assessed** [CDH+21]. **Assessing** [AVJ+24, HTLP23, KSR20]. **assessment** [DAN+22, GAS+23, MLP+21a, SRL+20, TRS+20, WMTJW22]. **assessments** [CBC+22, SBCF24]. **Assimilation** [ORE20, SHE+21, AHCJ+20, CYT+24, SOWP24]. **associated** [AAC+21, BSGA21, BRB+20, BDMGH+23, CKH+21, CMB+21, CON+24, Edm21b, FKN21, HMP+21, HMOY25, HZZ+20, HGF+21, KFHS24, LBBM21, MEQBV20, RVBP23, SSC+25, WPY+20, WRHR22]. **association** [Edm21a, WO21, XKP+22]. **Associations** [LEK+22, LVZ21, RCMA21]. **asynchronous** [WSZ22a, WSZ22b]. **asynchrony** [VCBB20]. **Atacama** [SML+21a, FUUG+21]. **Atchafalaya** [Roy20]. **Atlantic** [GdJA+25, LL23, SBW+20, YAE+24, BMR+21a, BAD+21, BDL+21, BFE+20, BAHH+20, CGR22, CDH+21, CBN21, GLAHH+23, HBG+22, JLS+20, JSL+23, KBvdD+20, MSG+22, RGE+24, SORGC+21, SPKM22, SSM+22a, WF22, YAH+21, YAE+23, ZMS+24]. **Atlantification** [MMKWZ22]. **atmosphere** [BCL+22]. **Atmospheric** [JOC+20, SGM+21, SMNT22, VLP+21, ZZHZ23, ZLW21b]. **atoll** [FHR+21, GLB+22, GFT+24]. **atrazine** [BCTH20]. **attenuate** [LPA+23]. **Attenuation** [PC21, WDS+23, WAPC20, ZXE+23, ZXZ+23]. **attraction** [SHBA22]. **attributes** [PFB+22, STB+24]. **atyid** [HBY+22]. **atypical** [EJM+23]. **Aufeis** [HGH+21]. **augments** [PFH21]. **Aurelia** [MBC+21]. **Australia** [MVBG20, LAB+22]. **autochthonous** [KBB+22]. **automated** [FHMK20, KAC+23]. **Autonomous** [LDG+21, BRCO21, WDG+21]. **autotrophic** [DWW+21]. **autumn** [CLP+24, SBM+21, SBV+21]. **availability** [FBJ+23, FNB+23, HAC+24, HZM+21, HPP+21, JHSG+24, JWAvD+22, KLP23, KIB+24, KRBF25, LTLH22, LBG+22, LHS+20, LSCL21, MZ25, NCC+21, PLC+24, RBL+20, SMKS22, SSK24, WWFS21, ZYW+24]. **avalanche** [GTMC25]. **avalanche-induced** [GTMC25]. **avoid** [GE22, SOWP24].

**back** [EDC24]. **background** [GLN+20, GLN+21]. **bacteria** [BMLV24, CCC+21, GAS+23, HPB+21, JHSG+24, LES+21, MLK+22,

PDK+23, PATL+23, RHS+22, SJR21, VKGW22, ZLW+21a]. **Bacterial** [BLRM24, CCY+21, YPF+23, ZLL+24, BYS+23, BMH+25, CLD+23, CVF+20, KPG+23, MZW+21, PGN+21, PKV20, SPLJA+20, ZQB+21, ZZT+21]. **Bacterioplankton** [CGRGP+21, CTP21, WCC20, FWvA+21, IYW+22, LPO+20, WCZ+20, WPY+20, WZCK20, YML+21, dMKB+20]. **bacterivory** [AH20]. **Baikal** [CYZZ+20, ONH+20]. **balance** [BMR+21a, ESW+21, KBSA21, LVDM22]. **balances** [RST+21]. **Baltic** [TMKB+22, vHLV+20, BDMGH+23, CGRGP+21, CBB+22, HPNU20, KPL+20, LCHB22, RBR+23, SBJ+24]. **bank** [RVS+22]. **bank-full** [RVS+22]. **barcoding** [CSM+23]. **Barents** [DGW+21]. **barite** [LN21]. **barium** [FSH+23]. **barnacle** [FJP+21, LTF+24]. **baroclinic** [ILPL20]. **barriers** [DCJB22, SORGC+21]. **Basal** [MHL+20, VCT+23]. **base** [SPR22]. **based** [BMA+20, BCWS23, CSGI+24, GWS+21, HRK+22, LWH+23, LEB21, LLBC20, MLP+21a, MLB+21, MK20, RVS+22, SBD+21, STO+24, SIKU25, VMP+21, WSZ22a, WSZ22b, vHHP+22, CBN21]. **Baseline** [CLW+21, GBW24, SOO+21]. **baselines** [DAN+22]. **Basin** [GdJA+25, MGI+22, AJMG21, CWF+22, GGR24, KdED+20, KVKS22, LEK+22, MACC24, Roy20, SORGC+21, SSM+22b, DSY20, VCBB20]. **Basin-scale** [MGI+22]. **basin-wide** [SORGC+21]. **basins** [LLK+22, RBR+23, SHBA22, SHZ+21]. **bathypelagic** [CYZZ+20, SSS+24]. **Bay** [HSD+20, LZG21, MN20, AAB+22, LAMG+22, SSM+22a, WPY+20, XYL+23, CCB+20, FHMK20, MLK+22, SCB+20, SCT+21, TTC+22, TRS+20, WZCK20]. **bays** [JvKvT+20, MZW+21]. **be** [MCS+23, PCC+24]. **beach** [vEMF+20]. **beaching** [CAN+24]. **bearing** [BO20, IMB+22]. **Beaufort** [CCDM21]. **bed** [ARBvS+21, MDBI20, PMD+23]. **bed-load** [MDBI20]. **bedrocks** [MHVC22]. **beds** [MRH+23, YvdHC+20]. **Beggiatoaceae** [MLK+22]. **behavior** [CLT+22, DKBG21, KCT23]. **behavioral** [GFG+22]. **behaviors** [CSB22]. **behind** [VSB+23]. **being** [MLL+21]. **below** [BZK+22, QBJG21]. **belowground** [CEE+22]. **bending** [SMF20]. **benefit** [FPG+24]. **benefits** [JOC+20, OLR+23]. **Benner** [LD22]. **Benthic** [BMH+25, HZM+21, KPL+20, ABS+21, BSB+20, BMR+21b, BWV+20, BZK+22, BRV+25, BOC+21, CEW+21, EFG+24, FKN21, HANW21, HPCH24, HCS+21, HBR+22, KVKS22, LHS+21, LBG+22, MV22a, MV22b, MBLA+21, MHdS+21, PSY+22, SLZ+21a, TKS+20, VCT+23, WKCR25, WHZ+21]. **Benthic-pelagic** [KPL+20, MBLA+21]. **bentho** [NvBE+21]. **bentho-pelagic** [NvBE+21]. **benthos** [CZA24, CP22, SSK24]. **Bering** [LNC+23]. **Bermuda** [CBN21]. **beta** [GCEM+23, LHL+21]. **betaine** [MAD+22]. **better** [SBD+21]. **between** [BHSG+20, BMA+20, BM22, BMLV24, BH21, CBS+21, DWW+21, DKPS23, FW21, GWS+21, GBB+21, HZM+21, HMB+20, LEK+22, LABM20, MCH+22, PPB+21, QS21, SDL22, SJJ+21, SWS+22, SDSGR21, SGSD+22, VVMJ23, WCZ+20, XKP+22, XTJW21, YAE+24, ZQB+21, ZYW+24, ZLU+20, ZFQ+20, dSMPC24]. **Beyond** [KHCG+22]. **bias** [MMLPRHCG22]. **biased** [KSI24].

**Bidirectional** [EST$^+$24]. **Bight** [LMC$^+$21, ZMS$^+$24]. **bio** [BHG$^+$24, BC20]. **bio-optical** [BHG$^+$24]. **bioactive** [BBA$^+$23]. **bioavailability** [DVL$^+$23, EJRRC$^+$23, RBSB22]. **biochemical** [Ano21c, CB25, WRWPG19]. **bioconvection** [SBW21]. **bioconvection-induced** [SBW21]. **biodegradability** [SEK20]. **biodegradation** [BKC20, CWF$^+$22]. **biodiversity** [GCMJ23, KPNJ23]. **bioerosion** [BFW$^+$22]. **Biofilm** [CTF$^+$21, ARBvS$^+$21]. **biofilms** [MKP$^+$23, RBAC$^+$20]. **biofouled** [GLM$^+$23]. **biofouling** [KWB21]. **Biogenic** [ZSW$^+$24, BBCA$^+$21, IKN$^+$21, JHS$^+$21, LWC$^+$24, MZXY22, MY23, RNW$^+$23, RWL$^+$24, ZBNH$^+$21]. **Biogeochemical** [BYB$^+$23, DGTW21, RFB$^+$22, SBM$^+$21, TBH$^+$22, VCBB20, WF22, WAPC20, BVM$^+$20, CBD$^+$23, EFC$^+$23, FDF$^+$21, GMMW20, KSF$^+$23, LLMM$^+$23, LGI$^+$20, LZG21, LBG$^+$22, MHD$^+$22, MBD$^+$23, MPW$^+$23, SSP$^+$20, TKH21, TCP$^+$22, VMT$^+$24, WOK$^+$21, ZSD$^+$20, ZSW$^+$24]. **Biogeochemical-Argo** [WF22]. **Biogeochemistry** [JLMW21, FBJ$^+$23, JSB$^+$20, KDZ$^+$24, LWvdM$^+$21]. **Biogeography** [MCH$^+$21, MZW$^+$21, BLRM24, MBD$^+$22, PYM$^+$20]. **Biogeomorphic** [QMG21, CZH$^+$21]. **Biological** [CGD22, GMNG$^+$24, MGL22, NTJ$^+$20, ARBvS$^+$21, BGM$^+$22, DGD$^+$24, DMS$^+$21, DLL20, GBB$^+$21, KTH$^+$21, KBL$^+$20, LTQS$^+$21, MK21, ORRMD$^+$21, PFH21, PVSP$^+$22, PJRV23, QRWT$^+$22, TKS$^+$20, YIS$^+$24]. **biomarkers** [PMF$^+$21]. **biomass** [BRCO21, FBV23, HNS21, KTWGT20, LFBS24, LCS$^+$20, LDB$^+$20, LCZ$^+$21, MTP$^+$23, MSJ21, PBC21, QS21, SBB20, YAP$^+$22]. **biomasses** [EG20]. **biophysical** [ASH$^+$20]. **biospheric** [BJK$^+$21]. **biosynthesis** [BRV$^+$25, ZLA$^+$24]. **biota** [MZR$^+$25]. **Biotic** [BC20, LGF22, DFF$^+$24, MTP$^+$23, MOW$^+$22, TZF$^+$22, WWB$^+$20, WRMP22]. **biotoxins** [THS21]. **bioturbation** [BSB$^+$20, MSSBR24]. **bioturbators** [ZSF$^+$23]. **biovolume** [MNM$^+$21]. **bivalve** [GPB$^+$20, MIR$^+$22, TJL$^+$24, WTvD$^+$22]. **Biwa** [LDB$^+$20, LDB$^+$21, HMOY25]. **black** [BND$^+$23, RCH$^+$20, SO23, SGSD$^+$22]. **black-box** [RCH$^+$20]. **blackwater** [TUR$^+$20]. **bleaching** [Ano21c, CBC$^+$22, RFB$^+$22, WRWPG19]. **blindness** [ZYW$^+$24]. **bloom** [BMH$^+$23, CGRGP$^+$21, CMT$^+$20, GMNG$^+$24, GAS$^+$21, HPP$^+$21, KRC23, LZG21, MBB$^+$20, MLS$^+$21, MTT$^+$24, PHM21, RGE$^+$24, WOT$^+$23, XMP$^+$21]. **bloom-forming** [BMH$^+$23]. **blooming** [MBC$^+$21]. **blooms** [BHN$^+$24, BAHH$^+$20, GLARS25, HM20, HMB$^+$22, KMK$^+$24, KAC$^+$23, PCC$^+$24, Roy20, SVC$^+$22, SLJ$^+$22, SKB$^+$22, SRL$^+$20, THT$^+$20, THS21, ZXZ$^+$23]. **Blue** [HMP$^+$21, HGA24, CAN$^+$24, FGP22, KBB$^+$22, KHCG$^+$22, LGQ$^+$21, LAB$^+$22, SKY$^+$24, XWL$^+$21, YAL$^+$25, OGD20]. **bluefin** [OFM$^+$21]. **Body** [GNO22, BS25, CHAA21, LDB$^+$20, PMRG20, WKCR25, dJGCS23]. **Boeckella** [MSGW$^+$20]. **bog** [SGL$^+$23]. **boreal** [AVJ$^+$24, AKT$^+$21, BMH$^+$25, CHS$^+$20, FSM$^+$21, KSH$^+$23, MBA$^+$21, MHSL22, MNMJ$^+$21, RSLW23, RBSB22, VST$^+$22]. **Borealization** [MN20].

**Both** [MTP$^+$23]. **Bothnian** [RvHF$^+$20]. **Bottom** [BD22, NH22, BMA$^+$20, DHNH22, GÖA$^+$23, LAFV23, LLBC20, MTT$^+$24, PMD$^+$23, WSC$^+$25]. **Bottom-up** [BD22, BMA$^+$20, GÖA$^+$23, LLBC20, MTT$^+$24]. **bound** [SdBW$^+$23, SWV$^+$24]. **boundaries** [KHCG$^+$22, WSZ22a, WSZ22b]. **boundary** [DHNH22, EFG$^+$24, NH22, NH23]. **box** [RCH$^+$20, SO23]. **brackish** [GGS$^+$21, HPB$^+$21]. **branch** [ZSZ$^+$24]. **branching** [RBD22]. **Brazil** [PLLM21]. **Brazilian** [BSB$^+$20, HMP$^+$21, LvBS$^+$22, LHD$^+$20]. **breakpoints** [PKKS20]. **breakup** [PW22]. **Bringing** [SHPW22]. **broad** [CB25]. **brown** [LLSQ24, SGGB21]. **Brownification** [SSM$^+$22a]. **browning** [BMH$^+$25, MHSL22, PC21, MSB$^+$20]. **bryophytes** [TWM$^+$25]. **budget** [DdEM$^+$23, GB23, VJH$^+$22]. **budgets** [BBCA$^+$21, CBC$^+$22]. **buffer** [CCS$^+$24]. **buffering** [HSV22]. **builder** [GTKW$^+$20]. **bulk** [BSGA21, CZS$^+$22]. **buoy** [FIH$^+$20]. **buoyant** [FGO$^+$20, KWB21]. **burial** [AMO20, BJK$^+$21, BSB$^+$20, SGA$^+$22, SSEO21, ZWM22]. **burrows** [XWL$^+$21]. **business** [AAC$^+$21]. **business-as-usual** [AAC$^+$21].

**C** [LRNG24, HZC$^+$24, LRRP20, NCO$^+$24, SSN$^+$24, WWGP21]. **C-storage** [LRNG24]. **C.** [PPB$^+$21]. **cable** [HPB$^+$21, MLK$^+$22]. **Cabo** [GdJA$^+$25]. **CaCO** [LL23]. **caerulea** [LMP$^+$20]. **calanoid** [TCS21, TJH$^+$25]. **Calanus** [CSH21, CBS$^+$21, PPB$^+$21]. **calcification** [CGR22, CBC$^+$22, GR24, KNG$^+$23, MCH$^+$22, RVBP23, dOKC$^+$21]. **calcifiers** [MCH$^+$22]. **calcifying** [JHS$^+$21]. **Calcite** [DSY20]. **Calcium** [GAS$^+$21, HXL$^+$21, SSCE20, SKA$^+$24, SCT$^+$21, ZMC$^+$24]. **calculation** [KTWGT20]. **calculations** [HSLB25, SBCF24]. **Calibrating** [LHGJ21]. **California** [LMC$^+$21, PMRG20, ACE$^+$22, CMB$^+$21, CM20a, KBL$^+$20, LTW$^+$24, NTJ$^+$20, SWB$^+$20]. **californianus** [NTJ$^+$20]. **Can** [DMCW23, ETG21, RGE$^+$24, SYMF21, VMT$^+$20, AR20, BVGQN22, GTMC25, KSN$^+$21, MCS$^+$23, MKM$^+$23, THS21, ZLG$^+$23]. **Canada** [KSH$^+$23, PCC$^+$24]. **Canadian** [BAG$^+$24, GB21, GB23, KTP25, PGEB22, RCMA21]. **Candidatus** [MLK$^+$22]. **cannot** [ZLG$^+$23]. **canopies** [TCP$^+$22]. **canopy** [CCFF21]. **Canyon** [CFC$^+$20]. **canyons** [LNR$^+$20]. **capabilities** [BHSG$^+$20]. **capacity** [BS25, SKY$^+$24]. **Cape** [SCC$^+$21]. **capture** [JSW$^+$21, ZPK$^+$22]. **Capturing** [LDGB$^+$23]. **Carbon** [BMCS23, CM20a, FXD$^+$22, GBMKJ22, JHvL$^+$23, KRM$^+$20, MNM$^+$21, SHS$^+$22, ZSK$^+$21, ACW$^+$22, BGvL$^+$25, BND$^+$23, BMR$^+$21a, BCWS23, BRB$^+$20, BSF$^+$21, BJK$^+$21, BCL$^+$22, BSB$^+$20, BDL$^+$21, BPL22, CGC$^+$21, CXK$^+$25, CLM25, CAN$^+$24, CKCB$^+$23, CEE$^+$22, CCS$^+$24, CB25, DGD$^+$24, DGTW21, DWS$^+$22, DCF$^+$22, DdEM$^+$23, DBM$^+$23, DK20, DLL20, EJRRC$^+$23, ESW$^+$21, FGP22, FUUG$^+$21, GGDB25, GBB$^+$21, GLM$^+$23, GAS$^+$23, HCB$^+$22, HMP$^+$21, HANW21, HSBC20, HZM$^+$21, HNS21, HGA24, HLS$^+$22, IFU$^+$20, JHSG$^+$24, KHK$^+$22, KMZ$^+$24, KBB$^+$22, KHCG$^+$22, LVDM22, LDGB$^+$23, LDGB$^+$24, LZD$^+$23, LCHB22, LAB$^+$22, MZR$^+$25, MRC$^+$24, MRH$^+$23, MGWS23, MMG$^+$21, MRT$^+$24, MCYR20, MKM$^+$23, MNMJ$^+$21, NMRW24, NKH$^+$23, NCO$^+$24,

OHK+24, OBL21, OGRS+25, PBP+23, PYY+20, PFH21, PC21, PNT+21, PVSP+22, PJRV23, PMZ+25, QRWT+22, RVBP23, RMW+21, RHA+23, RSLW23, RBSV+24, RVvB+23, REvdMO24, RCH+20, SBD+21, SVMM+22]. **carbon** [SSS+24, SZA+21, SML21b, SSEO21, SBL+21, SSS+20, SWK+23, SOT+20, SRM23, SBT25, SKA+24, SGS22, SKY+24, TEK+21, TKS+20, VCT+23, VST+22, WF22, WDL+24, WSZ22a, WSZ22b, WM20, XWL+21, XDQ+22, YAL+25, YAP+22, YXC+22, YSHS23, ZPK+22, ZCQ+24, ZLU+20, ZJW+22, ZSW+24, ZLL+21, ZBNH+21, ZWM22, vGDH+21, OGD20]. **carbon-uptake** [RCH+20]. **Carbonate** [EWGP22, GBB+21, BBCA+21, CSGI+24, CSD+24, CBC+22, HSLB25, LLK+22, SSCE20, SKA+24, SCT+21]. **carbonic** [SAD+20]. **carboxyl** [LPO+20]. **carboxyl-rich** [LPO+20]. **carcasses** [HCB+22]. **Caribbean** [ABC+21, GBB+21, MSL21, MHMML+22]. **Carpathian** [BRB+22]. **cascade** [CCY+21]. **cascades** [CAV+22]. **cascading** [EG20]. **Case** [JLMW21, LTJ+20, SWOR20, TMKB+22]. **catchment** [BCWS23, CZK+23, KSF+23, RNW+23, RS21]. **catchments** [TKW+23]. **catenella** [PHM21]. **Causal** [FÖJ+24, MGWS23]. **cause** [LDGB+24, MWV22, NKH+23]. **caused** [GBO+20, RSLW23, SLZ+21b, SKB+22]. **causes** [AFH+22, Wei24]. **Cd** [LSL+20, BYB+23, LSL+20]. **Ce** [BYB+23]. **cell** [FDB24, HDD+22, KTWGT20, LSL+20, MRC+24, OBL21, OGRS+25]. **cell-specific** [OGRS+25]. **cells** [SLP+24]. **cellular** [LSL+20]. **center** [CTH+20]. **central** [AJMG21, PGN+21, HABL+21, SBM+21, TMKB+22, TMS+21]. **century** [BGM+22, NEB+22, TMKB+22]. **Ceriodaphnia** [HXL+21, ZLG+23]. **Cetacean** [WKRL+23]. **Cetacean-mediated** [WKRL+23]. **CH** [WYY+24, AFH+21, DRA+23, YJS+25]. **Chaetoceros** [KMM+22]. **Chain** [SOWP24, MFGF+22, RHSK24, SGM+22]. **Challenges** [MBD+23, BDE+22, SHS+22]. **chance** [RS20]. **change** [AAC+21, ABC+21, BSGA21, BMB22, BDE+22, BPG+22, BFW+22, ETG21, FM21, FMT+20, GGLH+22, HAC+24, KDV+23, LAD+22, LZM+21, LMSN23, MHD+22, MDDL22, MPW+23, NEB+22, PVH24, RFW+24, SRV+20, SEK20, WHAR+20, WBB+21, WCH+21, WGK24a, ZXE+23, dSNIB22]. **changepoint** [PW22]. **Changes** [CYT+24, DNB+20, HZS21, MSB+20, dJSS24, BHG+24, BGM+22, DMC+22, DAD+21, EG20, EPR+24, FLH+23, GLAHH+23, KLO23, KHHZ20, LSC+21, LGQ+21, LXC+21b, MY23, MFM+21, MSD23, OCCW24, PMZ+25, RSLW23, RGW+23, SSS+20, SSM+22a, SLZ+21b, SGM+21, WGK+24b, XYL+23, ZLS+21, vEMF+20]. **Changing** [YAH+21, CBPNA22, DKBG21, DK20, GTKW+20, HANW21, HTSG21, HH24, JLR+22, KBSA21, LGQ+21, MLL+21, MRT+24, PC21, WOMWR20]. **channel** [LGF22]. **Character** [PSNG+21]. **characteristics** [CZS+22, DGTW21, GPB+20, HHMH22, HSLB25, LGF22, MSB+20, VMT+24]. **Characterization** [HRK+22, CBN21, EJRRC+23, TMM+20]. **characterize**

[OAM+22]. **Characterizing** [AHF+22, KdED+20, KDV+23, NGSS23]. **charophytes** [SKA+24]. **chemical** [BC20, MRD+21, WOMWR20]. **chemistry** [BLS20, CGR22, CSGI+24, CSD+24, DAB+21, EWGP22, FKN21, HSP+20, MHVC22, NTJ+20, YJB+20, YMSH20, ZPK+22]. **chemodiversity** [SGSD+22]. **chemostasis** [AFH+21]. **chemosynthetic** [AGC+21]. **chemotone** [AGC+21]. **Chesapeake** [CCB+20, LZG21, MLK+22, SCB+20, SCT+21, TTC+22, WZCK20]. **China** [MLL+21, LCZ+21, PYY+20, SLHL+22, WPY+20, XDQ+22, XMP+21, XYL+23, ZZWL22, ZZB+20]. **chironomid** [MDDL22]. **chloride** [RD23]. **chlorophyll** [DNB+20, DMM+21, FMMD+25, FÖJ+24, GF21, QFM+21, SWOR20, SPLJA+20, TMSL22, YJ20, ZLA+24, vdPMF+21]. **chlorophyll-a** [DMM+21, TMSL22, vdPMF+21]. **chlorophyll-specific** [FMMD+25]. **chlorophytes** [AWGV20]. **Chloropicophyceae** [EHC+22]. **choice** [VKGW22]. **choline** [MAD+22]. **Choquet** [PPB+21]. **chromophoric** [AVJ+24, ZZT+21]. **chronic** [EFP+21]. **Chronically** [SIP21]. **chronometers** [LvBS+22]. **Chukchi** [RSH+20]. **Chydorus** [WNHY21]. **ciliates** [TION23, Wei24]. **Circumpolar** [DAB+21, YAH+21, YAP+22]. **cladoceran** [WNHY21]. **clam** [WOMWR20]. **clarity** [DAN+22]. **classification** [BH24, LWH+23]. **clear** [MLC+21]. **clear-water** [MLC+21]. **cliff** [CZH+21]. **Climate** [KRBF25, LCS+20, MLC+21, AAC+21, Ano24a, BPG+22, CLA+24, CLG+24, CMB+21, DMM+21, DK20, DMCW23, Edm21b, ETG21, FM21, FMT+20, FÖJ+24, HEH+20, HFL+20, HZM+21, KHB22, LLSQ24, LZM+21, LMSN23, MHD+22, MPW+23, NEB+22, OSR20, PVH24, RFW+24, SBH23, SRV+20, WHAR+20, dSNIB22]. **climate-change-driven** [PVH24]. **climate-driven** [ETG21, HFL+20]. **climate-productivity** [Ano24a, CLG+24]. **climate-related** [CLA+24]. **climate-sensitive** [HZM+21]. **climatic** [CEE+22, CVF+20, KdED+20, MLP+21a, MDDL22, MCH+21, PMRG20]. **climatology** [PBGGRB21]. **clines** [LCS+20]. **Clockwise** [MAP+22]. **clonal** [CZH+21]. **close** [MKP+23]. **Cloudy** [RS20]. **Clytia** [CUS21]. **CO** [ACW+22, LSL+20, YG23, MHSL22, SdBW+23, MZW+21, MCYR20, VGvdB+21, YSHS22, YAE+24, ZZT+21, AFH+21, ACW+22, AKT+21, BLS20, CT23, CTM+21, CCB+20, CSC+21, CYT+24, CMCC24, CHS+20, DRA+23, HGA24, MGP+21, MRT+24, NB20, OCCW24, RRHS+21, RSP+24, SBCF24, SDB+23, SPLJA+20, SLP+24, VLP+21, WYY+24, XWL+21, YJS+25, YMSH20, YSHS22, YSHS23, YZX+24, ZMC+24, KMV+20, KMM+22]. **Co-acquisition** [SdBW+23]. **co-existence** [MCYR20]. **co-limitation** [YSHS22, YAE+24]. **Co-occurrence** [MHSL22, MZW+21, ZZT+21]. **co-occurring** [VGvdB+21]. **coal** [BWV+20]. **coast** [CCDM21, NSK+21, PBP+23, SPKM22]. **Coastal** [GÖA+23, LHS+21, LMS+21, MIR+22, NEB+22, SSS+20, ZLW21b, AMO20, BND+23, BPIBN20, BMR+21b, BGAD+22, BH24, BJS+23b, BWSW24, BKMY21, BSC+24, CHA+24a, CSM+23, CTP21, CLM25, CGD22, CPBJR+21, CSNS24, CCG+22, DCJB22, EJRRC+23, FBR+23, FBJ+23,

FWDY20, FUJE24, GMC+25, HRK+22, HPB+21, HSV22, HAB+24, HSLB25, IÁSNCR21, JLW+23, KLO23, KHK+22, KdED+20, KSF+23, KRM+20, LRNG24, LTH21, LCHB22, LRM21, MHG+23, MBC+21, MAD+22, MCS+23, MKD22, NSK+21, NGSS23, OHK+24, PYY+20, PLLM21, QS21, SOSN23, SMG+22, SCC+21, SRV+20, SMK24, SLZ+21b, SOT+20, SSR+23, SSC+25, SSB+22, TNK+22, TJW+22, THVJ23, TMKB+22, WHAR+20, WWB+20, WHZ+21, YAL+25, YML+21, YGD+21, ZSD+20, ZJW+22, ZSW+24, ZSZ+22, ZWM22, vHLV+20, vHHP+21, vLWV+20]. **coastline** [BGAD+22]. **cobalt** [KMV+20, WXK+22]. **coccolithophore** [CR25, DAP+24, GBB+21, JLR+22, ZLS+21]. **coccolithophores** [GDB20]. **coefficient** [ZXE+23]. **coerulea** [MBC+21]. **coexistence** [LTJ+20, RK24]. **coherent** [FHR+21, PMZ+25]. **Cold** [BFW+22, CMY+25, GR24, KKP+21, MACC24, RCS+20]. **cold-adapted** [KKP+21]. **Cold-water** [BFW+22, GR24, MACC24]. **colimitation** [LSL+20]. **colonial** [BW24, DTPV21, RHSK24]. **colonies** [EBW+20, SdBW+23]. **colonization** [FPG+24, MKBSK19]. **colonizing** [KL22, dOKC+21]. **colony** [KOR+20, ZSZ+21]. **colony-forming** [KOR+20]. **color** [GBHF21]. **Colorado** [DSY20]. **colored** [CM21]. **column** [BRB+20, HMB+22, KRM+20, LHS+21, LDS+20, PSY+22, SGSD+22, SGK+21, TZF+22, TRS+20]. **combination** [FDB24]. **combinations** [GRJ20]. **Combined** [IFU+20, PS24, WHAR+20, SVC+22, SN22]. **Combining** [APB+23, Ano24b]. **Comment** [LD22, PPB+21, CSH21, SB22, ZR23]. **commercial** [HSP+20]. **common** [BMH+23, BWSW24, KSMCL24, MLB+21]. **commonality** [LTQS+21]. **communities** [BCY+24, BBH+20, BAD+21, BMH+25, CHA+24a, CGRGP+21, CCY+21, DVL+23, EDC24, EJRRC+23, FBP20, FR23, GCW+23, GMS21, GCP+25, HBS+22, HBY+22, HZZ+25, HPCH24, IMB+22, KPNJ23, KPS21, LRNG24, LNR+20, LBG+22, MXL+21, MDP+23, MHdS+21, MOW+22, PKKS20, STB+24, SORGC+21, SPHH22, TMS+21, VJH+22, WPY+20, XKP+22, XYL+23, YML+21, ZQB+21, dJSS24, dMKB+20, dOKC+21, vEMF+20]. **community** [AR20, AFK+22, BHSG+20, BMA+20, BMLV24, BHN+24, BVGQN22, CB21b, CB25, CVF+20, DBFC24, DFF+24, FWvA+21, FAB+20, FKN21, GSP+23, GGHBS+20, GdJA+25, HAC+24, HZS21, HLS+22, KHHZ20, MDDL22, MVBG20, OYM+20, PKV20, RvHF+20, RPKC22, SH22, SGL+23, SSM+22a, SBV+21, SGSD+22, SIKU25, TPTS23, WBB+21, WCZ+20, WMRL22, YAE+23]. **community-environment** [GGHBS+20]. **Comparative** [MK20, MVBG20, HTLP23]. **Comparing** [LHD+20, SHZ+21, XTJW21, WTvD+22]. **Comparison** [EWF22, DCAB24]. **compensation** [BWB+22, dJGCS23]. **competition** [DWW+21, MKL+24, PCC+23]. **competitive** [HH24, SDSGR21]. **Complex** [WSB+20, ASL+24, BRB+22, FBRG23, LSC+21, MSSBR24, WNHY21]. **complexation** [WOK+21]. **complexes** [KLP23, dCLO+23]. **Complexities** [LCM+22]. **complexity** [CLC+22, dGKB24]. **complicate** [MSJ21].

**complicated** [WPO$^+$22]. **component** [DMS$^+$21]. **components** [AMC21, ZZB$^+$20]. **composition** [Ano21c, BHSG$^+$20, BPIBN20, BYS$^+$23, BCFI$^+$22, CPB$^+$21, CSM$^+$23, DVL$^+$23, CB25, DvOH$^+$20, DBM$^+$23, EHC$^+$22, FBRG23, GAS$^+$23, HANW21, HZS21, HCS$^+$21, JLS$^+$20, KHB22, KAP$^+$20, KSR20, LBBM21, LTF$^+$24, LSC$^+$21, LXC$^+$21b, MO23, PS24, PGEB22, PATL$^+$23, PGN$^+$21, RvHF$^+$20, RLP$^+$20, RRAO$^+$21, SSM$^+$22a, SEK20, SBV$^+$21, SSB$^+$22, SGSD$^+$22, TPTS23, TATC$^+$24, TUR$^+$20, WRWPG19, WCZ$^+$20, XTJW21, YDM$^+$25, ZLIP20, ZZT$^+$21, ZYZ$^+$21, dMKB$^+$20, vdPAV$^+$20, vdPMF$^+$21]. **compositional** [BSF$^+$21]. **compositions** [SVMM$^+$22]. **compound** [DMS$^+$21]. **compound-specific** [DMS$^+$21]. **compounds** [EBK$^+$20, GDB20, LPO$^+$20, MZXY22, MY23, MRD$^+$21]. **comprehend** [MMLPRHCG22]. **computational** [GCS$^+$24]. **computed** [IKN$^+$21, MMLPRHCG22]. **concealed** [DKW$^+$21]. **Concentration** [TUR$^+$20, AFH$^+$21, ARPFGS23, CHS$^+$20, CZS$^+$22, DNB$^+$20, HXL$^+$21, LD22, RSP$^+$24, SOSN23, SB22, SZA$^+$21, VCBB20]. **concentration-discharge** [AFH$^+$21]. **concentration-driven** [LD22, SB22]. **Concentrations** [DWS$^+$22, BTT23, BCTH20, BAG$^+$24, DRA$^+$23, DKBG21, EBK$^+$20, OCCW24, RCMA21, SBT25, TKW$^+$23, TMSL22]. **concepts** [GM22]. **Conceptual** [RST$^+$21]. **Concurrent** [HSB$^+$20]. **conditions** [AH20, BW25, CYT$^+$24, CM21, CVF$^+$20, FLA25, LSW$^+$20b, MLS$^+$21, OGRS$^+$25, PMZ$^+$25, PHM21, SN22, SBJ$^+$24, SBL$^+$21, TKM$^+$22, WOMWR20, ZLS$^+$21, ZXZ$^+$23]. **congruence** [GWS$^+$21]. **conjugated** [SJH20]. **conjunction** [PMRG20]. **connecting** [MBD$^+$23]. **connections** [GFT$^+$24, HAB$^+$24]. **Connectivity** [BGAD$^+$22, CPBJR$^+$21, Bri24, DCJB22, DPB$^+$23, DFJ22, GLB$^+$22, JSB$^+$20, MACC24, SBP$^+$25, VVMJ23]. **Consequences** [KTWGT20, MBA$^+$21, RGP$^+$22, MLP21b, Wei24]. **conserved** [LABM20, SSH$^+$22, TCB25]. **consideration** [WSZ22a, WSZ22b]. **Consistent** [GLARS25, OGRS$^+$25, EFP$^+$21]. **consortia** [CYPRG$^+$23]. **constituents** [KSF$^+$23]. **constitutes** [PPB$^+$21]. **constrain** [GBSVJR$^+$24, KVKS22, ORRMD$^+$21]. **Constraining** [MBD$^+$22]. **constrains** [MMG$^+$21]. **constraint** [LLGP24]. **constraints** [FDHS20, FXD$^+$22, GFW$^+$20, LSDA21, TSX$^+$23, WLK$^+$21, ZPK$^+$22]. **consumer** [HHK$^+$22]. **consumers** [MV22a, MV22b, VGSB23]. **consumes** [LES$^+$21]. **consuming** [SCB$^+$20]. **consumption** [CGC$^+$21, HP20, KHSP21, MP23, MGG$^+$24, TZF$^+$22]. **contact** [XLN21]. **containing** [ZLW$^+$21a]. **contamination** [LMS$^+$21]. **content** [BMCS23, HLKD23, HNS21, HGA24, LLMM$^+$23, MNM$^+$21, MTT$^+$24, OBL21]. **contents** [XSZ$^+$21]. **conterminous** [FBK$^+$22, GGR24, LWH$^+$23]. **contextually** [HMB$^+$20]. **contiguous** [BCTH20]. **continent** [LL23]. **continental** [BMA$^+$20, ChHC$^+$24, CHP$^+$24, DMM$^+$21, FMMD$^+$25, HTLP23, HM20, KTH$^+$21, KPS21, LvBS$^+$22, MZXY22, MY23, PGEB22, QRWT$^+$22, THT$^+$20, WRC$^+$21, ZLU$^+$20]. **contingency** [GGLH$^+$22]. **continuous** [LWH$^+$23, SEG21]. **continuum**

[BMLV24, EJM+23, WYY+24, ZYZ+21]. **contrasted** [IJSC20]. **Contrasting** [CGB+21, DFJ22, DKPS23, GFG+22, GBC+20, KIB+24, MLK+22, RBR+23, WTvD+22, WRHR22, ZMS+24, BCL+22, CMdlPÁS+24, CGL+21, CLM25, GLARS25, LZM+21, OGRS+25, VMP+21]. **contrasts** [BHSG+20, RHP+23]. **Contrib** [Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y]. **contribute** [CKCB+23, HCB+22, HVMS+21]. **Contribution** [LLL+23, RSP+24, VGSB23, LLSQ24, LAMG+22, PJRV23, PMJ+21, SBD+21]. **Contributions** [XMP+21, HLH+23, LLTT+24, OGD20, WF22]. **contributor** [GKW+20, GKW+21]. **Control** [CLD+23, HPP+21, AFH+21, GÖA+23, JvKvT+20, LD22, LGF22, LLBC20, PCJ+21, RS20, SB20, VLP+21, YOXC23, vdPMF+21]. **controlled** [BW25, BKMY21, KPM+20, KRM+20, STO+24, SCT+21, ZZL+21]. **controlling** [KNG+23, PCC+23, SBT25]. **Controls** [HSV22, LD22, TKW+23, ARBvS+21, ASH+20, Aus24, CFC+20, ESW+21, FBK+22, HBY+22, HPF+23, LHS+21, LCZ+21, MLK+22, MT23, PGW25, PMD+23, YMSH20, SB22]. **conundrum** [BC20]. **convection** [AHF+22]. **convective** [SSN+24]. **conversion** [SGSF20]. **cope** [VMT+20, WTvD+22]. **Copepod** [EWF22, KSI24, BRV+25, CHAA21, LDB+21, MSGW+20, SYMF21, TION23, TVB+21, TJH+25, VMP+21, XSZ+21]. **copepods** [BJS23a, CHA+24b, FUJE24, HMBB21, KL22, LAFV23, LTJ+20, PJRV23, RTK23, SMF20, TCS21, dJGCS23]. **Coping** [CBT+21]. **copper** [KP20, WOK+21]. **copy** [ZR23]. **Copyright** [Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21-53, Ano21p, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22a, Ano22q, Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano25a, Ano25b, Ano25c]. **Coral** [FKN21, KDW+23, MHMML+22, SSL22, ZCQ+24, BST+22, BCFI+22, BBCA+21, BFW+22, CÖL+20, CDW+24, CBC+22, Edm21a, EFP+21, FHR+21, GCMJ23, GB25, GLB+22, GFT+24, HPCH24, LMS23, LBG+22, LRRP20, MCH+22, MGP+21, MSD23, MACC24, MMLPRHCG22, MDIY23, OLFH21, RMH+22, RBD22, RCH+20, SHBA22, SWZ+23, SSCE20, TDD+24, VVMJ23, dOKC+21]. **coralline** [GR24, KNG+23, WCH+21]. **corallite** [MMLPRHCG22]. **corals** [ABC+21, Ano21c, CTM+21, Edm21b, FPBG+22, LRdGFP23, PMJ+21, RFB+22, WRWPG19]. **core** [LTQS+21]. **cornuta** [HXL+21, ZLG+23]. **Correction** [Ano24a]. **correlate** [MSD23]. **corridors** [DCJB22]. **Corrigendum** [Ano21a, Ano21b, Ano21c, Ano24b, CLC+21, GSG+21, GKW+21, LEK+22, MV22a, Phi21, WSZ22a]. **cosmopolitan** [MRT+24]. **cost** [GCS+24]. **costly** [LLC+24]. **count** [MBD+23]. **counter** [YAH+21]. **counteracts** [GGLH+22]. **Countergradient** [DKW+21]. **Coupled** [EG20, HPB+21, RHP+23,

ACW+22, BRCO21, BVM+20, LZG21, MBLA+21, MK20, SBB20]. **Coupling** [BGvL+25, CHA+24a, HJWP24, KPL+20, SWV+24, WKCR25]. **covariance** [BBMD20, VLP+21]. **cover** [BGM+21, MGI+22]. **covered** [CVF+20, LDS+20, LXC+21b, PMD+23, SSM+21a, SMCS23]. **crab** [CAN+24, XWL+21]. **crabs** [CJB+21]. **Crassostrea** [MDWT+22, WSB+20]. **create** [OSK+24, SMK24]. **creek** [RWMP+23]. **creeks** [WPO+22]. **criteria** [MGWS23, MSJ21]. **critical** [FUJE24]. **Crocosphaera** [DFW+20, ZFQ+20]. **crop** [JHSG+24]. **Cross** [FGO+20, WKCR25, DAN+22, GLN+20, GLN+21, GPDA+20]. **Cross-ecosystem** [WKCR25]. **cross-scale** [DAN+22]. **cross-shelf** [GPDA+20]. **Cross-shore** [FGO+20, GLN+20, GLN+21]. **crossflow** [JYA21]. **crowding** [ZLG+23]. **cruise** [ZZO+21]. **crustacean** [RVBP23, SO23]. **crustaceans** [BZSF23, WNHY21]. **crustose** [GR24, WCH+21]. **Cruz** [TZF+22]. **cryosphere** [HGH+21]. **cryptic** [TWM+25]. **cryptophyte** [CT23]. **ctenophores** [CCG+22]. **cues** [BK20, BMGK22, ZSZ+21]. **cultured** [LHGJ21, ZLA+24]. **Current** [ACE+22, CMB+21, Lem20, LTW+24, SN22, SSL22, SYMF21, VMT+20, ZSZ+24, BFCC+21, DAB+21, KBL+20, SWB+20]. **currents** [FBRG23, SLJ+22]. **cyanobacteria** [AWGV20, DCK+22, JSPS24, LBvE23, LEK+22, LLC+24, MTP+23, PSNG+21, WOT+23, WWFS21, ZJ22a, ZJ22b, ZFQ+20]. **cyanobacteria-derived** [PSNG+21]. **cyanobacterial** [EWGP22, FBP20, HMB+22, KRC23, MBB+20, PCC+24, Roy20, SRL+20, XMP+21]. **cyanobacterium** [BMH+23, CXK+25, DTPV21, GFW+20, SDS+23, YG23]. **Cyanothece** [hTRH20]. **cycle** [BPL22, CVF+20, GBO+20, LAMG+22, SSS+20, TFI+24, XYZ+21, ZSD+20]. **cycles** [GMMW20, LLMM+23, NH22, TKH21, vdPMF+21]. **Cyclical** [LMSN23]. **cycling** [ABS+21, BYB+23, BCA+20, CCK+21, CBF+23, CLD+23, DNA+22, EFG+24, FMT+20, HSBC20, HTSG21, HDK+21, JHvL+23, KWS+21, KHCG+22, LBG+22, MPW+23, ORRMD+21, PCJ+21, PMZ+25, RLL+21, RGP+22, SLZ+21a, SBW+20, THL+21, WCC20, WRS+22, WOK+21, XMP+21, YIS+24, ZLL+24, ZSW+24]. **Cyclone** [BJS+23b, BPL22, ChHC+24, WCC20]. **cyclone-anticyclone** [WCC20]. **Cyclonic** [ZBNH+21, ACE+22, GZZ25]. **cylindrospermopsin** [LLC+24]. **cylindrospermopsin-producing** [LLC+24]. **cylindrus** [MLG+20]. **Cymodocea** [JREVB21]. **cyprid** [LTF+24]. **cytometry** [FHMK20].

**D** [MMF+24]. **Daily** [CGGC+21, LSS+24]. **Dakota** [THT+20]. **damage** [vHHP+21]. **dampen** [dJGCS23]. **damping** [LHH24, SN22, ZLN21]. **Danish** [GBMKJ22]. **Daphnia** [DKW+21, DMCW23, GMD+24, LBvE23, MTB+21, MKL+24, RVBP23, RBL+20, VGvdB+21, YWZ+21, ZSZ+21]. **Dardanelles** [CÖL+20]. **dark** [KGG+23, RBSV+24, vdPAV+20]. **darkening** [GÖA+23]. **darkness** [CBT+21, CGB+21, MLG+20, QBJG21]. **data** [ASH+20, BMB22, Bri24, CZK+23, DAD+21, MVP+20, OAM+22, PSY+22, WF22].

**data-limited** [ASH+20]. **dataset** [KTP25, PPB+21]. **day** [EWGP22, GK22]. **de-eutrophication** [DNB+20]. **dead** [BK20, HCB+22, MHMML+22, dOKC+21]. **death** [DFW+20]. **Decadal** [OCCW24, BBMD20, LDB+20, LDB+21, SMP21]. **decades** [BMB22, FÖJ+24, GGLH+22]. **decay** [CB25, HKM+20]. **Deciphering** [BND+23]. **decline** [FBK+22, YLT+20]. **declines** [BWB+22, HDD+22]. **declining** [PGN+21]. **decomposition** [BZK+22, SKY+24, ZLL+21]. **Deconvolving** [WDS+23]. **decoupled** [DMC+22]. **decouples** [SCT+21]. **decoupling** [NKH+23, ZBNH+21]. **Decrease** [KLO23, FBV23, YJS+25]. **Decreased** [HXL+21]. **decreases** [LLTT+24, RVBP23, ZLL+21]. **Decreasing** [MGP+21]. **Deep** [CKCB+23, GCS+24, HMM+22, SWOR20, AGC+21, AHF+22, Aus24, BMR+21a, BZSF23, CYZZ+20, CLW+21, CPBJR+21, FWDY20, GLAHH+23, HJWP24, KZK+25, Lem20, MBLA+21, MKBSK19, MOW+22, MSSBR24, MGG+24, OBB+20, PFH21, PCN22, PRL+25, REF+21, SJH20, SSM+21a, SSP+20, SPLJA+20, SSWM20, SDS+23, SHPW22, YPH+24]. **deep-pelagic** [BZSF23]. **Deep-sea** [HMM+22, AGC+21, BMR+21a, CLW+21, MBLA+21, MKBSK19, OBB+20, PCN22]. **deep-silled** [HJWP24]. **deeper** [Ano21a, GSG+17]. **deeply** [CYPRG+23]. **defense** [HXL+21]. **defenses** [KSMCL24]. **defensive** [ZSZ+21]. **deficient** [AHCJ+20, BYB+23, CBB+22, CKCB+23, DNA+22, EBK+20, LVHK20, MLL+21, SMW+21]. **define** [CSB22]. **Defining** [PPB+21]. **definition** [BO20]. **Deforestation** [GBO+20]. **deformation** [GLN+20]. **degradability** [CLM25]. **degradation** [BMG+23, CPB+21, FXD+22, GAS+23, LLC21, PWS+20, RLP+20, YAH+21]. **degree** [KSN+21]. **delays** [RVBP23]. **delineated** [BSF+21]. **delineation** [BGAD+22]. **delivery** [GPDA+20]. **Delta** [PYY+20, CMCC24, CM21, YLT+20, LTH21]. **delta-front** [YLT+20]. **deltaic** [LTH21]. **Delving** [GSG+17, Ano21a]. **demand** [BMA+20, MHG+23, MGG+24, WSC+25]. **demands** [BMR+21a]. **demersal** [TGE+21]. **demography** [MMLPRHCG22]. **demonstration** [SVBT20]. **Denitrification** [CEW+21, CHP+24, ACA+22, RWS+22, SWV+24]. **denitrifier** [LPMBR23]. **denitrifying** [ZQB+21]. **dense** [GCP+25]. **Density** [CHAA21, HZC+24, YJB+20]. **Density-dependent** [CHAA21]. **Dependency** [KLG+23, GZX+22]. **dependent** [BMLV24, CHAA21, FMMD+25, GNO22, GGDB25, GMD+24, HGH+21, KP20, LMP+20, MWHR+22, OBL21, SZY+20, WHZ+21, ZLS+21]. **depleted** [SBW+20]. **depletion** [SMCS23, SSWM20, TJL+24]. **deposition** [BFE+20, GRJ+22, SKA+24, YAE+23, ZLW21b, vEMF+20]. **depositional** [HMB+20]. **deposits** [KRM+20]. **deprivation** [CBT+21]. **Depth** [DWS+22, KVKS22, LMP+20, BSGA21, BMS+22, CÖL+20, CEE+22, DLC+22, FGO+20, GGR24, GLN+21, LFBS24, LAFV23, MTB+21, PMF+21, STB+24, SO23, SMKS22, WKCR25, ZYW+24]. **Depth-dependent** [LMP+20]. **depth-keeping** [FGO+20]. **depth-related** [BSGA21]. **depths** [LMS23, SSH+22]. **derived** [CDW+24, DVL+23, DLDF21, PSNG+21, SBCF24, SWZ$^{+}$23, SHE$^{+}$21, TNK$^{+}$22, TKS$^{+}$20, vGDH$^{+}$21]. **desert** [BHR$^{+}$23, GRJ$^{+}$22, RGP$^{+}$22]. **design** [KFHS24, RWT$^{+}$21]. **despite** [KTA$^{+}$21, LMM$^{+}$21, MKP$^{+}$23]. **detect** [SYMF21]. **Detecting** [CLA$^{+}$24]. **deteriorating** [QMG21]. **deterioration** [HSB$^{+}$20]. **Determination** [TFI$^{+}$24]. **determinations** [ADLW22]. **determine** [BHG$^{+}$24, CSM$^{+}$23, CUS21, GF21, HZZ$^{+}$25, LPMBR23, PGB24, PHM21, TATC$^{+}$24, WOT$^{+}$23, dSNIB22]. **determines** [GTNH25, JSB$^{+}$20]. **determining** [CZH$^{+}$21, SKY$^{+}$24, SIKU25]. **Deterministic** [PATL$^{+}$23]. **Detritivore** [FPG$^{+}$24]. **Detritus** [BVL$^{+}$23, LMP$^{+}$20, SPKM22]. **Detritus-hosted** [BVL$^{+}$23]. **development** [MOW$^{+}$22, MNMJ$^{+}$21, OYM$^{+}$20, TJH$^{+}$25]. **developmental** [GBSVJR$^{+}$24]. **Diatom** [CMB$^{+}$21, XSZ$^{+}$21, AR20, BVGQN22, CGRGP$^{+}$21, CMT$^{+}$20, FR23, GBC$^{+}$20, HDS$^{+}$20, KSN$^{+}$21, KMM$^{+}$22, KKP$^{+}$21, KP20, LAMG$^{+}$22, MGC$^{+}$20, MRT$^{+}$24, MLG$^{+}$20, OBL21, PCC$^{+}$24, QBJG21, STB22, SKB$^{+}$22, SWV$^{+}$24, WRS$^{+}$22, YSHS22, YSHS23, ZLIP20, ZMC$^{+}$24]. **diatom-bound** [SWV$^{+}$24]. **diatom-dominated** [GBC$^{+}$20]. **diatom-rich** [LAMG$^{+}$22]. **Diatoms** [DKBG21, ACE$^{+}$22, AWGV20, BRCO21, CLGH23, CGB$^{+}$21, FLH$^{+}$23, HVMS$^{+}$21, KMV$^{+}$20, KOR$^{+}$20, KLP23, LSL$^{+}$20, LHGJ21, MAP$^{+}$22, MLT$^{+}$21, PLC$^{+}$24, RWL$^{+}$24, RHSK24, SOWP24, WRHR22, ZLL$^{+}$21, ZLA$^{+}$24, vdPAV$^{+}$20]. **diazotroph** [ALG$^{+}$23, LTLH22, MBD$^{+}$22, SCC$^{+}$21, SWZ$^{+}$23]. **diazotroph-derived** [SWZ$^{+}$23]. **diazotrophic** [DCK$^{+}$22, HBS$^{+}$22, JSPS24]. **Diazotrophs** [WWFS21, FBP20, GFW$^{+}$20, RHS$^{+}$22]. **Diazotrophy** [WOT$^{+}$23]. **Dichtyochophyceae** [LES$^{+}$21]. **die-off** [SVBT20]. **dieback** [HFL$^{+}$20, YDM$^{+}$25, YOXC23]. **Diego** [GNO22]. **Diel** [HGDW24, KTWGT20, BHG$^{+}$24, BJS23a, GNO22, LGI$^{+}$20, MK21, PRL$^{+}$25]. **diet** [BRV$^{+}$25, DvOH$^{+}$20, TION23, VST$^{+}$22]. **differ** [BSIdG23, BMLV24, SWS$^{+}$22]. **Differences** [SIKU25, HMBB21, VGvdB$^{+}$21, XSZ$^{+}$21]. **Different** [HEH$^{+}$20, LPO$^{+}$20, RRH$^{+}$24, SML21b, WBAG24, BRCO21, BRB$^{+}$22, CGGC$^{+}$21, CYT$^{+}$24, FLA25, KSN$^{+}$21, KIB$^{+}$24, MTB$^{+}$21, MHMML$^{+}$22, RBR$^{+}$23, SSL22, SOWP24, XSZ$^{+}$21, ZLS$^{+}$21, ZZB$^{+}$20]. **Differential** [CR25, GMC$^{+}$25, KBB$^{+}$22, RWL$^{+}$24, VKB$^{+}$22, GZZ25]. **differentially** [ŚWKS$^{+}$25]. **differentiated** [DCAB24, LHH24]. **differently** [BWSW24, WWFS21]. **differs** [BRB$^{+}$20, JLS$^{+}$20]. **diffuse** [ZXE$^{+}$23]. **diffusion** [SOWP24, ZLIP20]. **diffusive** [HMOY25]. **digitale** [MMKWZ22]. **dimensional** [CLT$^{+}$22]. **dimensions** [LHL$^{+}$21]. **dimethyl** [LCS$^{+}$24, MT23, XYZ$^{+}$21]. **dimethylated** [MZXY22, MY23]. **dimethylsulfide** [GMNG$^{+}$24]. **dimethylsulfoniopropionate** [BGvL$^{+}$25, ORRMD$^{+}$21]. **dimethysulfoxide** [HDK$^{+}$21]. **dimictic** [ACA$^{+}$22, Aus24, KZK$^{+}$25, PW22]. **dinitrogen** [SBL$^{+}$21]. **dinoflagellate** [CGRGP$^{+}$21, FHMK20, MTT$^{+}$24, PHM21, SNH$^{+}$25]. **dinoflagellates** [CLGH23, FHMK20]. **dioica** [MLS$^{+}$21]. **dioxide** [BCL$^{+}$22, CXK$^{+}$25, CM20a, CCS$^{+}$24, DGTW21, HNS21, RVBP23, RHA$^{+}$23, SBL$^{+}$21, SWK$^{+}$23, XDQ$^{+}$22]. **dipole** [LXC$^{+}$21a, WCC20]. **direct** [MEQBV20]. **direction** [WWB$^{+}$20]. **directly** [FWvA$^{+}$21, dJSS24]. **discharge** [AFH$^{+}$21, BSC$^{+}$24, FKN21, IÁSNCR21, KRB$^{+}$21, KRM$^{+}$20, MGI$^{+}$22, PCN22, RTM$^{+}$21, SZA$^{+}$21, WTS$^{+}$25, WLK$^{+}$21, vdPMF$^{+}$21]. **discharging** [BKMY21]. **disconnected** [BGAD$^{+}$22]. **discovery** [DNA$^{+}$22]. **discriminate** [FDB24]. **Disease** [ARB$^{+}$22]. **disentangled** [GMNG$^{+}$24]. **Disko** [MN20]. **dislodgement** [CZA24]. **disparate** [SMW$^{+}$21]. **Dispersal** [PHM21, BS25, DCJB22, GCW$^{+}$23, MLS$^{+}$21, ZZL$^{+}$21, ZSZ$^{+}$22]. **dispersion** [CTH$^{+}$20, FLA25, RPA$^{+}$22]. **disproportionately** [BKC20]. **disruption** [RS20]. **dissimilatory** [CEW$^{+}$21, RWS$^{+}$22]. **dissipation** [PLLM21]. **dissipative** [EWF22]. **dissociation** [BBWB24]. **dissolution** [BFW$^{+}$22, EBW$^{+}$20, LLK$^{+}$22, LN21, MSG$^{+}$22, RWL$^{+}$24, SSCE20, SCT$^{+}$21]. **dissolvable** [MCS$^{+}$23]. **Dissolved** [BMR$^{+}$21a, BCWS23, BSF$^{+}$21, MRD$^{+}$21, PNT$^{+}$21, RMW$^{+}$21, SGS22, AVJ$^{+}$24, AKT$^{+}$21, AMC21, BCY$^{+}$24, BND$^{+}$23, BW25, BMCS23, BPIBN20, BAD$^{+}$21, BGG$^{+}$20, BYS$^{+}$23, BGM$^{+}$21, CGGC$^{+}$21, CPB$^{+}$21, CTP21, CLC$^{+}$22, CLM25, CM21, CCDM21, DVL$^{+}$23, DPB$^{+}$23, EJRRC$^{+}$23, FAB$^{+}$20, GB23, GGDB25, HGDW24, HYPG$^{+}$22, HOB$^{+}$22, HP20, JSL$^{+}$23, JSB$^{+}$20, KAP$^{+}$20, KMV$^{+}$20, KDZ$^{+}$24, KHSP21, KDV$^{+}$23, LBBM21, LRdGFP23, LMM$^{+}$21, LD22, LPMBR23, LSC$^{+}$21, LXC$^{+}$21b, LPO$^{+}$20, LHMR23, LMS$^{+}$21, LSS$^{+}$24, MZR$^{+}$25, MGL22, MCS$^{+}$23, MHP$^{+}$23, PBC21, PCJ$^{+}$21, PSNG$^{+}$21, PWS$^{+}$20, PC21, QRWT$^{+}$22, RVBP23, RHA$^{+}$23, RWMP$^{+}$23, RSLW23, RCMA21, SJH20, SB20, SB22, SZA$^{+}$21, SOT$^{+}$20, SEK20, SCT$^{+}$21, SGSD$^{+}$22, TSX$^{+}$23, VST$^{+}$22, WDL$^{+}$24, WSC$^{+}$25, WMRL22, YWLY20, ZZT$^{+}$21, ZYZ$^{+}$21, ZZB$^{+}$20, dMKB$^{+}$20]. **Distinct** [AFH$^{+}$21, CBD$^{+}$23, JSE$^{+}$25, LHMR23, WCZ$^{+}$20, XYL$^{+}$23, LPO$^{+}$20, LNC$^{+}$23, SJJ$^{+}$21, SKB$^{+}$22, WWGP21]. **distinguish** [WRMP22, ZLG$^{+}$23]. **Distinguishing** [DMS$^{+}$21, DAB$^{+}$21]. **distributed** [HGF$^{+}$21]. **Distribution** [BCA$^{+}$20, BRB$^{+}$22, dCLO$^{+}$23, BFCC$^{+}$21, BBGM20, CBHB21, DCJB22, EBK$^{+}$20, FBRG23, GGR24, GBSVJR$^{+}$24, KBL$^{+}$20, LBBM21, LL23, MLK$^{+}$22, OFM$^{+}$21, PVH24, RBR$^{+}$23, SBJ$^{+}$24, SMKS22, SCM22, TRS$^{+}$20, VSB$^{+}$23, ZZO$^{+}$21]. **distributional** [GBC$^{+}$20]. **Distributions** [WOK$^{+}$21, EPR$^{+}$24, HBG$^{+}$22, HSLB25, JSL$^{+}$23, LAFV23, LWC$^{+}$24, LLBC20, MT23, PYY$^{+}$20, YAH$^{+}$21]. **Disturbance** [WPO$^{+}$22, BPG$^{+}$22, LCM$^{+}$22, SYMF21, TLMP24, ZSD$^{+}$20, ZTT23]. **disturbances** [GTMC25, LDB$^{+}$20, RPKC22]. **disturbed** [BCWS23]. **diurnal** [BWSW24]. **Divergent** [QRWT$^{+}$22, BRB$^{+}$22, RRH$^{+}$24]. **Diverse** [FM21, GSP$^{+}$23, BMCS23, DBFC24, GCP$^{+}$25, KSN$^{+}$21, LABM20, MCH$^{+}$22]. **Diversification** [Gil22]. **diversity** [BOC$^{+}$21, BBL$^{+}$21, CML23, CLC$^{+}$22, CKH$^{+}$21, CLP$^{+}$24, FBV23, GCEM$^{+}$23, GZX$^{+}$22, HMM$^{+}$22, LHL$^{+}$21, LWS$^{+}$22, MHdS$^{+}$21, MKP$^{+}$23, OSK$^{+}$24, PYM$^{+}$20, PGEB22, RPKC22, RK24, SLHL$^{+}$22, SSK24, VSB$^{+}$23, WNHY21, XTJW21, YPH$^{+}$24]. **division** [KTWGT20]. **DNA** [CSM$^{+}$23, CBN21, GWS$^{+}$21, OGD20, SLHL$^{+}$22, YPH$^{+}$24]. **DNA-based** [CBN21, GWS$^{+}$21]. **DNRA** [CHP$^{+}$24]. **Do**

[WRA+23, KGG+23, RMH+22, SBCF24, SEK20, ZXZ+23]. **DOC** [BMR+21a, HLKD23, MBH+23, MFGF+22]. **Does** [LLGP24, CHS+20, LPA+23, RBD22, ZZCD23]. **doi** [Ano21a]. **Dolioletta** [FLW+21]. **doliolid** [FLW+21]. **doliolids** [SSC+25]. **DOM** [BHSG+20, BKC20]. **Dominance** [NH22, FHMK20, HEH+20, PHM21, SDS+23]. **dominant** [BSIdG23, BMR+21a, KSN+21, KRB+21, ONH+20, SYT+21]. **dominate** [FBP20, MSG+22]. **dominated** [CMCC24, DKPS23, GBC+20, HBS+22, JvKvT+20, KVKS22, KDV+23, NDP+24, OMM21, QS21, RMW+21, SH22, WCZ+20, WTS+25]. **dominates** [VVMJ23]. **Dongshan** [XYL+23]. **DOP** [BPIBN20]. **dormant** [ZJ22b]. **Dosidicus** [PMRG20]. **double** [SBH23]. **down** [BMA+20, BD22, GÖA+23, LLBC20, RS20]. **downslope** [NH22]. **downstream** [RD23, WYY+24]. **drainage** [AFH+22, BWV+20]. **drift** [FGO+20, LLC21, SBM+21]. **drifters** [CTH+20]. **drive** [AWGV20, AR20, DPB+23, DCF+22, DLC+22, HMB+20, KRBF25, LCS+20, MV22a, MV22b, PBC21, PATL+23, PSK21, REvdMO24, SLJ+22, SORGC+21, SSS+24, SGM+21, XDQ+22]. **driven** [AHF+22, BVGQN22, CGRGP+21, CSC+21, ETG21, EPR+24, FBRG23, FHR+21, GBC+20, GKW+20, GKW+21, HFL+20, HPP+21, KMK+24, LD22, LMSN23, MCH+22, MZ25, MKL+24, OHK+24, PVH24, SB22, SLZ+21b, TEK+21, ZCZ+23, vdPMF+21]. **driver** [HJB+25, NvBE+21, SGS22, ZSW+24, ZZWL22]. **Drivers** [ACW+22, CCA+21, FHMK20, IOS24, MFM+21, MAG+22, VSB+23, BAG+24, BMS+22, CGGC+21, CBPNA22, DAN+22, DRA+23, GCMJ23, GSD+23, GLB+22, HTLP23, HHK+22, JHBB22, KAP+20, KdED+20, KOR+20, KAC+23, KBvdD+20, KDV+23, LDGB+24, LHL+21, LHMR23, MBB+20, PGEB22, RWMP+23, RKBT+23, SLHL+22, TMKB+22, VCBB20, WRC+21, WRMP22, ZSF+23, vLWV+20, CHS+20]. **drives** [DGD+24, DBB+21, DBM+23, KDZ+24, KBL+20, LBL+24, MHdS+21, RTM+20, RTM+21]. **driving** [CZH+21, CLP+24]. **drought** [YDM+25]. **drought-induced** [YDM+25]. **dry** [YAE+23]. **drying** [CTF+21, SLRS+24]. **Dual** [PCC+24, TMM+20, LLC+23, ZMS+24]. **due** [AFH+21, BHSL21, BGM+22, MLP21b, XSZ+21]. **duration** [ABC+21, CTF+21, PW22]. **during** [ACA+22, AJMG21, Ano21c, BGM+22, BPL22, CYT+24, CLM25, CCC+21, CM20b, CLP+24, DGD+24, FPG+24, GB23, GK22, HRK+22, HKM+20, KRC23, KTH+21, KGG+23, MLS+21, MDDL22, MAP+22, PFH21, SBM+21, SGA+22, VJH+22, WRWPG19, WSB+20, WMRL22, XTL+20, YPH+24, YWLY20, YRC+24, ZLW21b, vHHP+22, vdPAV+20]. **dust** [BFE+20, GRJ+22, LCHB22]. **dye** [CTH+20]. **Dynamic** [LXC+21b, RRAO+21, KDV+23, WRMP22]. **Dynamics** [CMT+20, SBT25, ZLU+20, ZSZ+24, AFH+21, ACW+22, ACA+22, AWB+23, AR20, AFM23, AVS+22, ASL+24, BJG+22, CGRGP+21, CZH+21,

CÖL$^+$20, CAV$^+$22, CBHB21, CGL$^+$21, CMB$^+$21, CKCB$^+$23, CLD$^+$23, DCF$^+$22, DGW$^+$21, DFW$^+$20, FWvA$^+$21, FKN21, FSH$^+$23, GGLH$^+$22, GGDB25, GLARS25, GCS$^+$24, HJWP24, HPB$^+$21, HPF$^+$23, HMB$^+$20, HS21, HLS$^+$22, JvKvT$^+$20, JHBB22, KRB$^+$21, KdED$^+$20, KDW$^+$23, KWB21, LVDM22, LMC$^+$21, Lem20, LHS$^+$21, LN21, LZM$^+$21, LNC$^+$23, MCH$^+$22, MSD23, MAD$^+$22, MRD$^+$21, MIR$^+$22, MPW$^+$23, MAP$^+$22, NB20, PNT$^+$21, QRWT$^+$22, RvHF$^+$20, RTM$^+$20, RTM$^+$21, RBR$^+$24, RRHS$^+$21, RGE$^+$24, RHM$^+$21, SNH$^+$25, SPHH22, SBB20, SO23, SLRS$^+$24, SLZ$^+$21b, STAK22, VJH$^+$22, WOMWR20, WSC$^+$25, XMP$^+$21, YAL$^+$25, ZSW$^+$24, ZSF$^+$23, ZGdS$^+$24, ZMS$^+$24, vHHP$^+$22].

**Earlier** [PW22]. **early** [GB25, KPG$^+$23, MDWT$^+$22, OFM$^+$21, SBM$^+$21, VCT$^+$23, vdPAV$^+$20]. **Earth** [CLA$^+$24]. **east** [LHS$^+$20, MLL$^+$21]. **Eastern** [HABL$^+$21, AHCJ$^+$20, CDH$^+$21, CJB$^+$21, DNA$^+$22, ESW$^+$21, EBK$^+$20, JSE$^+$25, RCMA21, SORGC$^+$21, WRS$^+$22, BYB$^+$23, EBK$^+$20, ETMD23, FSS$^+$23, LMM$^+$21, MDWT$^+$22, SMW$^+$21]. **eastward** [DAB$^+$21]. **eastward-flowing** [DAB$^+$21]. **Eavesdropping** [THS21]. **Ebullition** [LSW$^+$20b, KTP25, LHD$^+$20, PSK21, RWT$^+$21]. **ebullitive** [KSH$^+$23]. **echosounder** [PSY$^+$22]. **Ecklonia** [BRHS20, BS20]. **eco** [RNW$^+$23]. **eco-surroundings** [RNW$^+$23]. **Ecological** [BLS$^+$22, DCAB24, DTPV21, MKBSK19, ACE$^+$22, ADLW22, ASL$^+$24, BHN$^+$24, FDF$^+$21, HLH$^+$23, HZZ$^+$25, KAC$^+$23, LZM$^+$21, MWV22, SBM$^+$21, SOO$^+$21, TJW$^+$22, VMT$^+$24, VMP$^+$21]. **ecologically** [LTJ$^+$20]. **ecologists** [MLB$^+$21]. **ecology** [CDH$^+$21, GM22, GMMW20, HDK$^+$21, HMB$^+$20, LLMM$^+$23, LGQ$^+$21, MSL21, MBC$^+$21, PMRG20, SHPW22, ZR23]. **Ecophysiological** [GK22]. **ecophysiology** [LES$^+$21]. **ecoregions** [HAB$^+$24]. **Ecosystem** [MA21, SWB$^+$20, VCBB20, Ano24a, BD22, BJS$^+$23b, BLS20, BRM$^+$23, CLG$^+$24, ChHC$^+$24, DLDF21, DMC$^+$22, DFJ22, GGS$^+$21, GMS21, HFL$^+$20, HBY$^+$22, HHK$^+$22, KVKS22, KDV$^+$23, LBBM21, LDG$^+$21, LGQ$^+$21, LSDA21, MHD$^+$22, MHL$^+$20, MGWS23, MSG$^+$22, MIR$^+$22, NTJ$^+$20, OHK$^+$24, OBB$^+$20, PHB$^+$22, PFB$^+$22, PMZ$^+$25, PSNS22, PHM21, RVvB$^+$23, RGP$^+$22, SML21b, TRC$^+$25, TLMP24, TKM$^+$22, TJW$^+$22, VJH$^+$22, WWB$^+$20, WRC$^+$21, WKCR25, WMTJW22, ZCQ$^+$24]. **ecosystem-metabolism** [PHB$^+$22]. **ecosystems** [BSB$^+$20, BR22, BGM$^+$21, BFW$^+$22, CBPNA22, CML23, CLW$^+$21, CCDM21, FMT$^+$20, GF21, GSD$^+$23, HGMK22, HAB$^+$24, HGH$^+$21, JLMW21, KHK$^+$22, MZR$^+$25, SHS$^+$22, SPHH22, SOT$^+$20, dJSS24]. **ecotone** [AGC$^+$21]. **ecotones** [YAL$^+$25]. **ecotypes** [TRS$^+$20]. **ectotherm** [MLP21b]. **eddies** [ACE$^+$22, EWF22, LXC$^+$21a, SSA$^+$23, ZBNH$^+$21]. **Eddy** [GPDA$^+$20, KZK$^+$25, BBMD20, LBL$^+$24, VLP$^+$21, WCC20]. **Edge** [YAL$^+$25, BST$^+$22]. **edges** [CZH$^+$21]. **edible** [FJP$^+$21]. **Editorial** [Ham22, Kir20]. **Edward** [SBV$^+$21]. **Eelgrass**

[MIR$^+$22, ARB$^+$22, GGS$^+$21, LDGB$^+$23, MDBI20, SIP21]. **Effect** [ChHC$^+$24, EJRRC$^+$23, HLKD23, SYT$^+$21, YSHS22, ZMC$^+$24, CON$^+$24, GMS21, LSL$^+$20, MXL$^+$21, MVBG20, PS24]. **effective** [KAP$^+$20, PCC$^+$24]. **Effects** [CGR22, DWR$^+$23, EDC24, HANW21, HSBC20, HSP$^+$20, LLC$^+$23, LLC21, MZR$^+$25, MCH$^+$21, MOW$^+$22, MTT$^+$24, OSR20, PBGGRB21, SSL22, SSWM20, WKCR25, ZLIP20, AFK$^+$22, BYS$^+$23, BS20, BLS20, BPG$^+$22, CGC$^+$21, CXK$^+$25, FMT$^+$20, FPB$^+$23, GGLH$^+$22, GLN$^+$21, GFG$^+$22, GMD$^+$24, JHSG$^+$24, JHBB22, KSR20, LRdGFP23, LTLH22, MVP$^+$20, MLC$^+$21, MO23, MDWT$^+$22, MSB$^+$20, MGC$^+$20, MGG$^+$24, QRWT$^+$22, STB22, SSEO21, SCM22, TCB25, VKB$^+$22, VWR$^+$23, WRS$^+$22, YAL$^+$25, YG23, ZTT23, ZLA$^+$24, dJGCS23, BZK$^+$22]. **efficiency** [ALH$^+$21, BHR$^+$23, FDHS20, GZX$^+$22, HPCH24, SGSF20]. **Efficient** [KMV$^+$20, OHK$^+$24, SWZ$^+$23]. **effort** [DFJ22]. **egg** [CZA24, KSI24]. **eggs** [OLR$^+$23, ZLG$^+$23]. **eight** [vHHP$^+$22]. **ejection** [WSB$^+$20]. **Electrona** [DAB$^+$21]. **electrothrix** [MLK$^+$22]. **Element** [HTSG21, SBT25]. **Elemental** [EHC$^+$22, LLMM$^+$23, CR25, HMBB21, MV22a, MV22b, STB22, WBAG24, ZLS$^+$21]. **Elements** [GGHBS$^+$20]. **Elevated** [DCK$^+$22, QBJG21, RVBP23, BMH$^+$23, BLS20, CGR22, DWR$^+$23, EDC24, GPB$^+$20, MDWT$^+$22, SIP21, VKB$^+$22, WRHR22, YG23]. **elevation** [CM20a, DGTW21, SLHL$^+$22, VMT$^+$24, ZQB$^+$21]. **elongated** [LHH24]. **Elucidating** [NCO$^+$24, SCC$^+$21]. **embayment** [FWDY20, NSK$^+$21]. **emerge** [QMG21]. **emergence** [SDS$^+$23]. **emergent** [HZZ$^+$25, HZZ$^+$20, VJS$^+$20]. **Emerging** [SKB$^+$22, LTH21]. **Emiliania** [KTWGT20, MLS$^+$21, ZLS$^+$21]. **emission** [BSIdG23, GKW$^+$20, GKW$^+$21, ZSK$^+$21]. **emissions** [AKT$^+$21, CMCC24, HABL$^+$21, KSH$^+$23, LWC$^+$24, LPA$^+$23, MGI$^+$22, NMRW24, PLB$^+$21, SPBK21, WYY$^+$24, YJS$^+$25, YOXC23]. **empirical** [GMI$^+$21, WRMP22]. **enables** [BEM$^+$25]. **enclosed** [XYL$^+$23]. **encode** [RCS$^+$20]. **encroaching** [SLJ$^+$22]. **encrustations** [SKA$^+$24]. **end** [CHS$^+$20]. **endemic** [HBY$^+$22]. **Endogenous** [CCC$^+$21]. **endorheic** [BGM$^+$22, YJB$^+$20]. **endosymbionts** [RCH$^+$20]. **energetic** [CGGC$^+$21]. **energetically** [LLC$^+$24]. **Energy** [BMA$^+$20, ALH$^+$21, CBT$^+$21, EST$^+$24, MHL$^+$20, SGSF20, SDB$^+$23, VKGW22]. **Energy-based** [BMA$^+$20]. **engineer** [NTJ$^+$20]. **engineered** [YJB$^+$20]. **engineers** [MIR$^+$22]. **England** [HHMH22]. **enhance** [BOC$^+$21]. **Enhanced** [HBR$^+$22, AMO20, KFHS24, LWC$^+$24, LBL$^+$24, MDIY23, ZPK$^+$22]. **enhances** [CAN$^+$24, FWT$^+$20, LCS$^+$24, QBJG21]. **enriched** [KWS$^+$21, ZLW$^+$21a]. **enrichment** [BAG$^+$24, BS20, BGM$^+$21, BRM$^+$23, CAV$^+$22, CXK$^+$25, DKPS23, GGS$^+$21, HHMH22, LZM$^+$21, LLGP24, LLTT$^+$24, RLL$^+$21, YvdHC$^+$20]. **entrained** [SYMF21]. **entropy** [CGGC$^+$21]. **environment** [AWB$^+$23, CPB$^+$21, CLM25, GGHBS$^+$20, KWS$^+$21, LVZ21, OYM$^+$20, RBD22, TRS$^+$20]. **Environmental** [CLP$^+$24, KOR$^+$20, KAC$^+$23, LTJ$^+$20, OGD20, PGEB22, SORGC$^+$21, CVF$^+$20, DFF$^+$24, GGLH$^+$22, GCW$^+$23, HZC$^+$24, IYW$^+$22,

JHBB22, MY23, MDDL22, PSNG+21, PMZ+25, PCC+23, SSL22, SBJ+24, SLHL+22, WBB+21, WRC+21, WCH+21, ZLS+21, vLWV+20]. **environmentally** [BBWB24]. **environments** [AMC21, HH24, MP23, RCS+20, WLSD21]. **enzymatic** [BHSG+20, BSGA21]. **enzymes** [BSGA21]. **Eodiaptomus** [LDB+21]. **epibiont** [RBL+20]. **epibionts** [JHS+21]. **epifaunal** [CCFF21]. **epilimnetic** [HSB+20]. **epilimnion** [HMOY25]. **Epiphyton** [GTNH25]. **episodic** [CJB+21, PFH21, RPKC22, YAE+23]. **equatorial** [BCA+20]. **Erie** [PCC+24, AJMG21, CWF+22, LEK+22, MDP+23]. **erodibility** [HLPT20]. **eroding** [WPO+22]. **erosion** [BBCA+21, MHMML+22, SYT+21, TDD+24, WTvD+22, YLT+20]. **Erratum** [Ano21d]. **escape** [MAR+24]. **essential** [BMR+21a, TRC+25, VCT+23, VST+22]. **establish** [DFF+24]. **established** [PSNS22]. **establishment** [SH22, ZZL+21, vHHP+22]. **estimate** [LvBS+22]. **estimated** [GLN+21, RST+21]. **Estimates** [Wei24, DHNH22, KSI24, MGI+22, NMRW24, WLSD21]. **estimating** [LAB+22, PMJ+21]. **estimation** [VGSB23]. **estuaries** [ACW+22, CMdlPÁS+24, DKPS23, EFC+23, HTLP23, IOS24, MLP+21a, MHdS+21, RTM+20, RS21, SDL22, WTS+25, YMSH20]. **Estuarine** [GFG+22, AVS+22, CEW+21, HTLP23, HSLB25, LSC+21, PKKS20, PMZ+25, SMNT22, SSEO21, SLZ+21a]. **Estuary** [LVHK20, BPIBN20, BPL22, BKMY21, FR23, GCS+24, HBS+22, HSV22, KBSA21, KDZ+24, MURK20, MK21, PGB24, RTM+21, RVvB+23, TFI+24, TBH+22, WAPC20, WLK+21, YOXC23, BM22, BMB22, YGD+21]. **ethylene** [SBW+20]. **eukaryote** [XKP+22]. **eukaryotes** [BMLV24, MK20]. **Eukaryotic** [DLL20, CYT+24, OGRS+25, PATL+23, SRM23]. **Euphotic** [SWB+20, RBSV+24]. **European** [DMM+21, ESW+21, MMKWZ22, ZSK+21]. **eutrophic** [AWGV20, BBH+20, BHSL21, CGC+21, DHNH22, HZZ+25, HMB+22, JLW+23, KRC23, KHHZ20, MLC+21, SWV+24, TJL+24, TBH+22, THVJ23, TATC+24, WHAR+20, WLK+21, vGDH+21]. **Eutrophication** [LWS+22, XDQ+22, ZZT+21, BAG+24, DNB+20, GÖA+23, LHS+21, MAP+22, SVC+22, SGA+22, WHAR+20, ZLU+20]. **eutrophied** [QRWT+22]. **Evaluating** [BW25, CFC+20, GWS+21, SHBA22]. **evaluation** [ASH+20, IKN+21]. **evaporation** [FBK+22, VLP+21]. **evaporation-to-inflow** [FBK+22]. **evasion** [SDB+23]. **Evasive** [JSW+21]. **event** [AFH+22, CBC+22]. **events** [GRJ+22, KdED+20, KMK+24, MAG+22, TUR+20, WSB+20, WTvD+22, dCLO+23]. **Evidence** [DKPS23, HGF+21, KPG+23, MSGW+20, ZLL+21, BVM+20, CSH21, CBS+21, DP22, PPB+21]. **evidenced** [SSK24]. **evolution** [BST+22, LBJS22, OBL21, ZJ22a]. **Evolutionary** [HH24, HLH+23, MTB+21, VGvdB+21, ZJ22b]. **Evolving** [GM22, ZZCD23]. **exacerbates** [GÖA+23, RLL+21]. **examination** [WZCK20]. **examined** [FHMK20]. **Examining** [ACE+22, AFM23, SPKM22, SMKS22]. **exceeds**

[SDB+23]. **exceptionally** [JLW+23]. **excess** [TMM+20]. **exchange** [CSC+21, CCS+24, EFG+24, MBA+21, NvBE+21, SMNT22, TEK+21, YJS+25]. **exchange-driven** [TEK+21]. **exchangeable** [WXK+22]. **exchanges** [TBH+22]. **excludes** [BGvL+25]. **Exemplified** [GTNH25]. **exhibit** [TBH+22]. **exhibits** [AFH+21]. **existence** [MCYR20]. **exotic** [WHZ+21]. **expansion** [CZH+21, GAS+21, KSH+23, NB23, QMG21]. **expansions** [CJB+21]. **experiment** [BPG+22, GMNG+24, KRM+20, MKBSK19, OJUN23, SGL+23, SSM+22a]. **Experimental** [BRM+23, DP22, TLMP24, CBPNA22, HAC+24, HKM+20, KTA+21, KFHS24, SVC+22, ZJ22a]. **experiments** [BDE+22, BBA+23, GMC+25]. **explain** [BVGQN22, DMM+21, MTP+23]. **explained** [vLWV+20]. **explaining** [LPMBR23]. **Exploring** [HM20]. **export** [BCWS23, BRCO21, DBM+23, GLM+23, KBvdD+20, MMG+21, OHK+24, RMW+21, SDL22, SPKM22, TEK+21, WSZ22a, WSZ22b, YAP+22, YXC+22, ZBNH+21, ZYZ+21]. **exports** [SOT+20]. **exposed** [BOC+21, DGTW21, TDD+24]. **Exposure** [ABC+21, BS25, KDV+23, BMH+23, CTM+21, DWR+23, EDC24, GEHD20, GPB+20, GK22, MDWT+22, MIR+22, SSL22, ZFQ+20, dSNIB22]. **exposures** [EFP+21]. **Expression** [LOW+20, BMH+23, LTLH22]. **extension** [GR24]. **extent** [BKMY21, DAD+21, SMW+21, ZZCD23]. **external** [XMP+21]. **extinct** [GTMC25]. **extinction** [GRJ20]. **extracellular** [YEF+24]. **extracted** [BAD+21]. **extrapallial** [CGR22]. **Extratropical** [BJS+23b]. **Extreme** [BTK+21, CHA+24a, SRN+21, TKM+22, TUR+20]. **extremes** [KDV+23, MK21]. **extremities** [TPTS23]. **exudates** [BMG+23]. **exudation** [RRAO+21]. **eyes** [ZYW+24].

**facilitate** [GPDA+20]. **facilitated** [MBLA+21]. **facilitates** [CJB+21, MCYR20]. **facilitating** [MBB+20]. **facility** [CLGH23]. **factor** [ZLJ+24]. **Factors** [JREVB21, SOSN23, SBB+21, BHG+24, CESS21, JSPS24, KBL+20, KPNJ23, LGF22, MTT+24, PCC+23, SIKU25]. **failed** [SRV+20]. **far** [BTK+21]. **fast** [KBB+22]. **fat** [MN20]. **fate** [CDW+24, PGB24, QBJG21, SPKM22, SGK+21, ZCZ+23]. **Fatty** [LTF+24, BRV+25, CLG+24, EST+24, KLG+23, TRC+25, VST+22]. **fattyacids** [Ano24a]. **fauna** [BDMGH+23]. **favorable** [SSA+23]. **Fe** [RvHF+20, WBAG24]. **Fe-limited** [WBAG24]. **Fear** [PVSP+22]. **features** [ZZL+21]. **featuring** [THL+21]. **February** [CMT+20]. **Fecal** [SSM21b, DGD+24, DMS+21, LG21, MLS+21]. **fed** [WTS+25]. **feedback** [FÖJ+24, MBLA+21]. **feedbacks** [MHD+22]. **feeding** [CP22, CSNS24, CCG+22, CUS21, FRRG+21, FDB24, FLW+21, KGG+23, RTK23, SNH+25, SYMF21, WKCR25, WSB+20, WSZ22a, WSZ22b]. **feeding-current** [SYMF21]. **female** [KSI24]. **fermentation** [NKH+23]. **ferromanganese** [PVB+24]. **ferruginous** [TZF+22]. **fertilization** [BPG+22, HSBC20]. **few** [OMM21]. **field** [APB+23, Ano24b, BDE+22,

FLA25, GLN+20, GMC+25, SVBT20, SBT25, SIKU25, WO21]. **fields** [HGH+21]. **filamentous** [FWT+20]. **filter** [AMO20, THVJ23]. **final** [BFCC+21]. **Fine** [DFW+20, ASL+24, GBC+20, GSD+23, GLB+22, HCS+21, WO21]. **fine-scale** [ASL+24, GBC+20, GSD+23, GLB+22, WO21]. **fingerprints** [SRM23]. **finmarchicus** [CBS+21, PPB+21]. **Fiona** [BJS+23b]. **First** [SWV+24, SRL+20]. **fish** [APB+23, Ano24b, BMA+20, BMS+22, CESS21, CLT+22, CPBJR+21, DWR+23, EST+24, GCMJ23, GPDA+20, GBSVJR+24, HXL+21, KCT23, LDB+20, OLR+23, SBD+21, SSA+23]. **fish-based** [SBD+21]. **fisher** [RMH+22]. **fisheries** [FGP22]. **fishes** [BZSF23, LDG+21, NDP+24, SBP+25, WRMP22, WSZ22a, WSZ22b]. **fishing** [DFJ22]. **fitness** [GMD+24, TVB+21]. **five** [BMB22]. **fixation** [BGvL+25, BMCS23, HBS+22, LLL+23, LTH21, LTLH22, OGRS+25, RBSV+24, SCC+21, SMW+21, SBL+21, SWV+24, hTRH20, YSHS23, ZLL+21]. **fixed** [FRRG+21]. **fixers** [AAC+21]. **fixing** [CXK+25, FBP20, HMB+22, YG23, ZFQ+20]. **fjord** [BHSG+20, BJK+21, BOC+21, HJWP24, KHB22, vdPMF+21]. **fjords** [HZM+21, JLMW21]. **flagellate** [AH20]. **flagellates** [ELS23, LOW+20, OMM21, vdPAV+20]. **flat** [BD22, SYT+21]. **flats** [FSdS+24, ZGdS+24, ZvBZ+20]. **Flexible** [VKGW22, ZLN21]. **floating** [DCAB24, RHM+21, SYMF21, VJS+20]. **floating-leaved** [DCAB24, VJS+20]. **floe** [SBM+21]. **flood** [RVS+22]. **flooding** [TNK+22, TUR+20]. **floodplain** [LTH21, MGWS23, dMKB+20]. **floodplains** [MKP+23]. **Florenciella** [LES+21]. **Florida** [CLGH23, HSD+20, OLFH21]. **Flow** [ZLIP20, ZN20, BMR+21b, FLA25, FHR+21, FHMK20, GLN+21, GBHF21, LDG+21, MDBI20, RBAC+20, SVBT20, VKGW22, WSB+20]. **Flow-induced** [ZN20]. **flowering** [GELME+24]. **flowing** [DAB+21]. **flowpaths** [GEHD20]. **flows** [NH22, dSMPC24]. **Fluctuating** [WBB+21, GK22, SPBK21, ZXZ+23]. **fluctuation** [BWSW24]. **fluctuations** [JHS+21, WRMP22]. **Fluid** [CUS21, SNH+25, CGR22, MAR+24, STAK22]. **flume** [WTvD+22]. **fluorescence** [FDB24, GF21, LLBC20, RKBT+23]. **fluorescence-activated** [FDB24]. **fluorescence-based** [LLBC20]. **Fluorescent** [BMG+23]. **Fluorescently** [FDB24]. **flushing** [XWL+21]. **fluvial** [PSE+20, PGB24, RBAC+20, YLT+20]. **flux** [CCB+20, CHS+20, CBN21, DHNH22, DGD+24, DGTW21, FUUG+21, HCB+22, HZM+21, IKN+21, MGWS23, NB20, RSP+24, SBD+21, SMNT22, VLP+21, WF22, WDS+23, WSZ22a, WSZ22b, YMSH20, ZZJ+25]. **fluxes** [ACW+22, GBB+21, HMOY25, LXC+21a, MCYR20, NSK+21, OCCW24, RST+21, SLRS+24, SWK+23]. **focusing** [SGA+22]. **following** [CLGH23, CGD22, CBC+22, HFL+20, KHHZ20, RWS+22, SSS+20, TKM+22]. **Food** [BHR+23, BOC+21, Gil22, KSMCL24, MV22a, MV22b, PSNS22, RBL+20, TSX+23, WRC+21, APB+23, Ano24b, BR22, CDH+21, CESS21, CGL+21,

EG20, FSM+21, FWT+20, FLW+21, GGS+21, HCH+24, IFU+20, JSPS24, KPL+20, KLG+23, LTQS+21, LCM+22, LCHB22, LEB21, MMF+21, MLC+21, MSB+20, SWC+23, SSK24, TCS21, VCT+23, WHZ+21, WDL+24, YAP+22]. **foraging** [CFC+20, CSB22, NCC+21, STAK22]. **foraminiferal** [XLN21]. **forces** [CLP+24]. **forcing** [CMB+21, MMF+24, MK21, SRN+21, ZZHZ23]. **forcings** [YJB+20]. **fore** [EDC24]. **forecast** [SJH20]. **forecasting** [MO23, THS21]. **forest** [BRM+23, PBP+23, TCP+22, WLSD21]. **forested** [AFH+22]. **forests** [CESS21, FW21, SOO+21, SMKS22]. **form** [Ano25i, VWR+23]. **formation** [BC20, CZH+21, GAS+21, GBC+20, HVMS+21, KMK+24, LBL+24, PLLM21, YGD+21, ZSZ+21]. **formed** [STO+24]. **forming** [BMH+23, KOR+20, SOWP24]. **forms** [KRC23, SML21b, ZvBZ+20]. **Forward** [ZJ22a]. **foundations** [BV21]. **four** [BGvL+25, BMR+21a, DCAB24, SVMM+22]. **fraction** [BCL+22, GCS+24]. **fractionated** [KSF+23, KSR20, LXC+21b]. **fractionation** [CYT+24, HRK+22, WOK+21, WMRL22]. **fractionations** [ORRMD+21]. **fractions** [LHMR23, LMS+21]. **Fragilariopsis** [MLG+20, MGC+20]. **framework** [BBCA+21, BFW+22, MLB+21, MO23, SHPW22]. **Francisco** [BM22, BMB22]. **free** [AHF+22, KZK+25, KHSP21, SYMF21, WPY+20]. **free-floating** [SYMF21]. **free-living** [WPY+20]. **frequency** [CZK+23, DAD+21, FR23, LGI+20, MK21, MKD22, SWK+23, SSM+22a, TJH+25, VVMJ23, WDG+21, WSC+25]. **frequent** [BRB+22]. **Fresh** [IÁSNCR21]. **Freshening** [WM20]. **Freshwater** [MLP+21a, AMC21, BHSG+20, BWV+20, BBWB24, BR22, BGM+21, BOC+21, BLS20, CML23, CKCB+23, DWR+23, HSBC20, HP20, KWS+21, KZK+25, LTQS+21, LABM20, MZR+25, MSGW+20, MWHR+22, PGEB22, RVBP23, SBH23, VJS+20, WNHY21, XTJW21, YIS+24, vdPMF+21]. **freshwaters** [BYS+23, CPB+21]. **fringed** [KDZ+24]. **fringing** [TDD+24]. **Front** [TKA21, SCC+21, YLT+20, ZMS+24]. **Frontal** [SSA+23]. **frustules** [XSZ+21]. **fucans** [HVMS+21]. **fuels** [CBF+23, ZZJ+25]. **Fukushima** [TNK+22]. **Fukushima-derived** [TNK+22]. **Full** [SO23, OLR+23, RVS+22]. **Full-year** [SO23]. **function** [BJG+22, HTSG21, LBBM21, LTF+24, LHH24, MMF+21, MKM+23, OYM+20, THVJ23, VWR+23]. **Functional** [KL22, MLB+21, MACC24, SSK24, BWB+22, CSB22, DCAB24, DTPV21, FAB+20, HLH+23, HPCH24, MKP+23, MVBG20, OAM+22, PGEB22, RvHF+20, RLL+21, SPR22, WOT+23, WCZ+20]. **functionally** [MCH+22]. **functioning** [GMS21, PSNS22]. **Functions** [YEF+24, XYL+23]. **Fundamental** [KAP+20]. **fungal** [FWT+20, XYL+23]. **fungi** [KSN+21]. **fungicides** [BZK+22]. **Future** [RGW+23, BFW+22, EWGP22, FM21, GM22, LLSQ24, NB23, RBD22, VMT+20, WHAR+20]. **Fuxian** [XTL+20].

**G** [MK20]. **gamma** [GCEM+23]. **gas** [BSIdG23, GPK+21, HABL+21, KSH+23, MBA+21, MGI+22, PLB+21, RSP+24, SMNT22, SLRS+24, WYY+24]. **gegenbauri** [FLW+21]. **gelatinous** [CDH+21, HCH+24, PVH24]. **gene**

[BMH+23, DLL20, MBD+22, MBD+23, WCZ+20, WNHY21, ZR23, ZMS+24]. **generalists** [MZW+21]. **Generation** [GZZ25, KZK+25]. **Genes** [PMZ+25, BCA+20, FAB+20, LOW+20, MVBG20]. **genetic** [RK24]. **Geneva** [Lem20, SLZ+21b]. **genomes** [RCS+20]. **Genomic** [MUGL20]. **genotype** [GMD+24]. **gentoo** [NCC+21]. **Geochemical** [SGA+22, TJW+22]. **Geographic** [MRH+23, LWH+23, LCS+20]. **geologic** [CEE+22]. **geomorphic** [LGF22]. **geomorphology** [BMR+21b]. **George** [THT+20]. **germination** [ZZL+21]. **germination-features** [ZZL+21]. **giant** [SBB+21, XKP+22]. **gigantism** [BEM+25]. **gigas** [PMRG20]. **Giling** [Ano21a]. **Glacial** [MCS+23, NB23]. **glacialis** [CBS+21, PPB+21]. **Glacier** [FBJ+23, BJK+21, RBR+24]. **glacier-marine** [RBR+24]. **glacierized** [BSF+21]. **Glaciers** [DBFC24, VMT+24]. **Global** [GGHBS+20, LG21, ABC+21, BDE+22, CLC+20, CLC+21, CBC+22, DCJB22, JHS+21, KDV+23, OYM+20, OJUN23, PJRV23, RTM+20]. **globally** [GSD+23, HGF+21]. **Glomalin** [PYY+20, ZJW+22]. **Glomalin-related** [PYY+20]. **glycerol** [ZLL+24]. **glycine** [MAD+22]. **go** [FLA25]. **Going** [FNB+23]. **gold** [LCHB22]. **Gone** [MACC24]. **govern** [BD22, GLAHH+23]. **gradient** [ADLW22, AKT+21, BWV+20, BRHS20, CÖL+20, CBHB21, HHMH22, IMB+22, IYW+22, KAP+20, LSC+21, MLP+21a, PMF+21, RCMA21, SWOR20, SO23, SGSD+22, TKW+23, VST+22]. **gradients** [Ano24a, BSGA21, CLG+24, DFF+24, GLAHH+23, LAFV23, MTB+21, SORGC+21, TKA21, TKS+20]. **gravel** [ARBvS+21]. **gravel-bed** [ARBvS+21]. **Grazer** [LLC+24, GSD+23]. **Grazer-induced** [LLC+24]. **grazers** [BWB+22, RHSK24, SDSGR21, ZJ22b]. **Grazing** [HBY+22, TATC+24, BDC+24, DvOH+20, GBMKJ22, JHBB22, LES+21, MMG+21, SDSGR21, ST22, XSZ+21, ZSZ+21]. **Great** [GSP+23, MFM+21, SWOR20, ETG21, GBO+20, MBB+20, VCBB20, YJB+20]. **green** [JHBB22, LHH24]. **Greenhouse** [WYY+24, BSIdG23, HABL+21, KSH+23, MGI+22, PLB+21, SLRS+24]. **Greening** [FSM+21]. **Greenland** [BHSG+20, MN20, XTJW21]. **gregaria** [CUS21]. **gross** [SSM+22a]. **Groundwater** [KPM+20, BKMY21, BSC+24, FKN21, HGH+21, IÁSNCR21, KRM+20, NSK+21, RTM+21, RST+21, SMK24, WTS+25, WLK+21]. **Groundwater-controlled** [KPM+20]. **groundwater-dependent** [HGH+21]. **group** [BBL+21, EHC+22, SSB+22]. **groups** [BDL+21, LTQS+21, LLBC20, SRM23]. **grown** [WBAG24]. **Growth** [JHS+21, ZLS+21, BS20, BK20, CFC+20, CR25, DWR+23, FPG+24, FBJ+23, FPB+23, HAC+24, HSP+20, JHBB22, KPG+23, KFHS24, LLC+24, LSL+20, LDB+21, LSDA21, MZR+25, MRC+24, MVP+20, MDWT+22, MMLPRHCG22, MTT+24, PKV20, QBJG21, RGW+23, ŚWKS+25, SMD21, YSHS22, ZLA+24, ZWM22]. **Growth-dependent** [ZLS+21]. **guidelines** [LCMG+20]. **guild** [WKCR25]. **guilds** [RBAC+20, WSZ22b, WSZ22a]. **Gulf** [DLDF21, DP22, KPS21, MLP+21a, PMRG20, SMP21, WSZ22a, WSZ22b, YMSH20]. **gut** [GMD+24]. **guttatus** [BFCC+21]. **gyre** [GZZ25, HYPG+22, RPKC22, ZBNH+21].

**H** [LTLH22, hTRH20]. **Habitat** [BBCA+21, GCP+25, WHZ+21, CYZZ+20, CBD+23, DFJ22, GRJ20, KHCG+22, MO23, NCO+24, PSY+22, SBP+25, SSA+23, VKGW22, YAH+21]. **Habitat-dependent** [WHZ+21]. **Habitat-specific** [BBCA+21]. **habitats** [CLW+21, CEW+21, GPDA+20, HLPT20, MHL+20, RD23, VCT+23, WHAR+20]. **hadal** [FUUG+21]. **hadopelagic** [LZD+23]. **Halisarca** [LMP+20]. **halocline** [CLD+23]. **handling** [RTK23]. **haplotypes** [LGI+20]. **haptophytes** [MAR+24, THT+20]. **hard** [MKBSK19]. **hard-substrate** [MKBSK19]. **hardgrounds** [PVB+24]. **Harmful** [BK20, DTPV21, HM20, HMB+22, KMK+24, KAC+23, KRC23, LZG21, MTT+24, PHM21, SKB+22, THS21]. **harpacticoid** [BRV+25]. **Harvey** [KPS21]. **Hatteras** [SCC+21]. **HAUSGARTEN** [MKBSK19]. **Hawai'i** [CON+24]. **Hawaiian** [SWS+22, BST+22, HBY+22, PMJ+21]. **Headward** [WPO+22]. **Headward-eroding** [WPO+22]. **headwater** [BCL+22, BMH+25, RWT+21, RBSB22]. **Headwaters** [GBHF21, TWM+25]. **healthy** [YvdHC+20]. **heat** [EJRRC+23, LFBS24, LRdGFP23, SSL22, SRV+20, VGvdB+21]. **heated** [DKW+21, DMCW23]. **heatwave** [DMM+21, JHSG+24, ZZHZ23]. **heatwaves** [GELME+24, GBW24, ZSF+23]. **heel** [ZvBZ+20]. **hemisphere** [CZK+23]. **herbicides** [YML+21]. **herbivory** [FWT+20, JREVB21, LCZ+21]. **heterogeneity** [CLW+21, GCW+23, GCP+25, HMB+20, OSK+24, RWT+21, SCC+21, SBP+25]. **Heterogeneous** [BSGA21, MOW+22]. **Heterotrophic** [LTH21, RHS+22, AH20, BMG+23, DWW+21, ELS23, GAS+23, LOW+20, LABM20, OMM21, PGN+21, PMJ+21, SWC+23, STAK22, ZLW+21a]. **Hg** [CBB+22]. **High** [CML23, KRB+21, KSH+23, LZD+23, MAR+24, MDIY23, MKD22, PSE+20, PHB+22, SWK+23, TDD+24, VVMJ23, WDG+21, WSC+25, ZZO+21, AAC+21, BCWS23, BOC+21, BBGM20, CGGC+21, CM20a, CZK+23, CGB+21, DGD+24, DGTW21, DCF+22, DAD+21, EFP+21, GGDB25, JLW+23, JSB+20, JLMW21, KCT23, KMV+20, KTA+21, LDG+21, MCYR20, MHVC22, RBR+24, RRAO+21, SIP21, SSM+22a, SEG21, SLHL+22, VMT+24, WZCK20, YZX+24, ZQB+21, vdPMF+21, PLB+21, RCS+20]. **high-altitude** [DCF+22]. **high-Arctic** [BOC+21, DGD+24]. **high-CO** [YZX+24]. **high-elevation** [CM20a, DGTW21, SLHL+22, VMT+24, ZQB+21]. **High-frequency** [MKD22, SWK+23, VVMJ23, WDG+21, WSC+25, CZK+23, DAD+21, SSM+22a]. **high-latitude** [JSB+20, KCT23, LDG+21, SLHL+22]. **high-mountain** [CGGC+21, GGDB25, MHVC22]. **High-resolution** [PHB+22, ZZO+21, BCWS23]. **High-speed** [MAR+24]. **high-throughput** [BBGM20, WZCK20]. **Higher** [GCEM+23, MRT+24, TION23, CLC+22].

**Highest** [KTA+21]. **highlight** [SBP+25]. **Highly** [ZLW+21a, EFC+23, FUJE24, LDG+21, MMF+24, RBD22, TWM+25]. **historic** [MDDL22]. **Historical** [GGLH+22, BAG+24]. **history** [HXL+21, SSL22]. **Holistic** [BH24]. **holobionts** [MSD23]. **Holocene** [MPW+23]. **holomictic** [XTL+20]. **Homeostasis** [DBB+21, ZMC+24]. **Homeostatic** [HP20]. **host** [DAP+24, FPBG+22, GMD+24, KSN+21, LEB21, TVB+21]. **host-algae** [FPBG+22]. **hosted** [BVL+23]. **hosts** [CML23]. **Hot** [ONH+20, REvdMO24]. **hotspot** [KPNJ23, SCC+21]. **hotspots** [CFC+20, EFC+23, JSE+25]. **Hudson** [SMNT22]. **Human** [ZZWL22, JLW+23, LVZ21, NDP+24, ZSD+20, vHLV+20]. **human-altered** [LVZ21]. **human-dominated** [NDP+24]. **Humboldt** [PMRG20]. **humic** [EFC+23]. **Hurricane** [KPS21]. **huxleyi** [KTWGT20, MLS+21, ZLS+21]. **hybridization** [CSH21, CBS+21, PPB+21]. **Hydraulic** [ARBvS+21]. **hydroclimate** [BJG+22]. **Hydrodynamic** [GLB+22, FLA25, GCMJ23, GCS+24, KMK+24, RPA+22, SMF20, SYMF21]. **hydrodynamics** [SCM22, TCP+22]. **hydrogen** [SGK+21]. **hydrogenase** [LTLH22]. **Hydrologic** [JSB+20, PCJ+21, YMSH20, BMR+21b, DPB+23, YJB+20]. **hydrologically** [BCL+22, DBFC24, FBRG23]. **Hydrology** [DBM+23, ESW+21, BCTH20, RSLW23, RVS+22, ZYZ+21]. **hydromedusa** [CUS21]. **hydroperiod** [DGTW21]. **hydrostatic** [SEG21]. **hydrothermal** [ASL+24, LBG+22, NCO+24, dCLO+23]. **hyper** [AWGV20, SWV+24]. **hyper-eutrophic** [AWGV20, SWV+24]. **hyperborea** [SOO+21]. **hypereutrophic** [KTA+21]. **hypersaline** [MVBG20, SSM+21a]. **Hypolimnetic** [SSWM20, SDS+23]. **hypolimnia** [LM24]. **hypolimnion** [Lem20, SPLJA+20]. **hyporheic** [BZK+22]. **hypothesis** [LD22, SB22, WRA+23, ZLL+21, CFC+20]. **Hypoxia** [CBHB21, GB25, AAB+22, EFG+24, FUJE24, LHS+21, MKL+24, PMD+23, SLZ+21a, WYY+24, WGK+24b, YGD+21, ZLU+20, vHLV+20]. **hypoxia-driven** [MKL+24]. **hypoxic** [LM24, MLK+22, QRWT+22, RWS+22, SCB+20, TRG24]. **hysteresis** [MAP+22].

**ice** [AHF+22, BW25, CCA+21, CVF+20, HS21, JHvL+23, KPG+23, KFHS24, KZK+25, LAFV23, LDS+20, LCS+24, LXC+21b, MLG+20, OBL20, PMD+23, PW22, PGN+21, PFB+22, RFW+24, SSM+21a, SBM+21, SMCS23, SGL+23, SJJ+21, TMS+21, VCT+23, VMP+21, WOMWR20, WRHR22, YWLY20, YRC+24, ZXE+23]. **ice-associated** [KFHS24, WRHR22]. **ice-covered** [CVF+20, LDS+20, LXC+21b, PMD+23, SSM+21a, SMCS23]. **ice-floe** [SBM+21]. **ice-free** [AHF+22, KZK+25]. **ice-retreat** [SJJ+21]. **Identification** [AMC21]. **identifies** [OGD20, SLHL+22]. **Identifying** [PRL+25, vHHP+22]. **III** [KLP23]. **illuminate** [BBGM20]. **illuminates** [BBM21]. **illuminations** [GTKW+20]. **image** [OAM+22]. **imagery**

[SGM+22]. **images** [VMP+21]. **imaging** [BO20, BBGM20, FHMK20, GSD+23]. **imbalances** [KTA+21, MSJ21]. **immediate** [SPKM22]. **Impact** [LBG+22, SMG+22, SBL+21, YG23, ZSD+20, CCS+24, JLW+23, KWS+21, LG21, MIR+22, RLL+21, RWT+21, YAL+25, YOXC23, ZN20, dJSS24]. **impacted** [LSCL21]. **impactful** [CCG+22]. **Impacts** [BJS+23b, OBB+20, BSB+20, BKC20, CR25, CLW+21, GMC+25, HM20, LZM+21, PCN22, PVSP+22, SLRS+24, WHAR+20, WWB+20, WBB+21, WSB+20, WHZ+21, WCC20, YML+21, ZZWL22, ONH+20, SRN+21]. **impair** [BDMGH+23]. **impairs** [MGP+21, SLP+24]. **Implication** [JYA21]. **Implications** [BH21, FBJ+23, FUUG+21, GBB+21, GAS+23, MSJ21, PYY+20, THT+20, XMP+21, YWLY20, YAP+22, BPL22, EAF+22, FNB+23, Gil22, GM22, HAC+24, KDW+23, QBJG21, ZXE+23]. **Importance** [BBH+20, MGI+22, BCTH20, BBM21, Bri24, FBR+23, GCW+23, HS21, LLBC20, MHG+23, TION23, TKH21, TRS+20, ZZT+21]. **important** [GKW+20, GKW+21, MCS+23, MKM+23, PMZ+25, RLL+21]. **improve** [THS21]. **improvement** [HSB+20]. **In-lake** [SEK20]. **including** [ZN20]. **incorporation** [FSH+23, GE22]. **Increase** [CCS+24, DKW+21, GMC+25, KLO23, YJS+25, ZZCD23]. **Increased** [BJK+21, CLC+22, BGvL+25, BAG+24, KFHS24, MZR+25, MRT+24, YSHS22, ZMC+24]. **increases** [LMS23, VKGW22, ZLL+21, ZZT+21]. **Increasing** [ALH+21, CT23, FUJE24, FBV23, OJUN23, SBL+21]. **incubation** [BBA+23]. **incubations** [TION23]. **independent** [JSW+21]. **Indian** [BGAD+22, BLRM24, GRJ+22, LGI+20]. **indicate** [CTF+21, HFL+20, LDG+21]. **indicates** [OJUN23]. **indicator** [MDP+23]. **indicators** [WHAR+20]. **indices** [LEK+22]. **indirect** [MEQBV20, MSB+20]. **Indo** [HOB+22, YAH+21]. **Indo-Pacific** [HOB+22]. **induce** [AH20, MRT+24, RHSK24]. **induced** [DAD+21, GMNG+24, GTMC25, IYW+22, LLC+23, LLC+24, LXC+21a, SYMF21, SYT+21, SCM22, SBW21, SLP+24, TNK+22, TSX+23, WTvD+22, YDM+25, ZN20, ZSZ+21]. **induces** [DAP+24, PW22]. **inducible** [KSMCL24]. **infaunal** [LNR+20]. **Infection** [FWT+20, DAP+24]. **infer** [RBD22]. **inferred** [BFCC+21, CZK+23, MNMJ+21]. **inflow** [BM22, CHS+20, FBK+22, LWC+24, MLP+21a]. **inflows** [PBGGRB21]. **Influence** [ABS+21, LL23, TCP+22, dCLO+23, AVJ+24, BW25, BJS23a, CZS+22, DLL20, HMM+22, HZC+24, HNS21, JSPS24, KHK+22, KLP23, KPNJ23, MGGRR+21, RMH+22, SML21b, ŚWKS+25, SMKS22, VMT+24, YSHS23, ZYZ+21]. **influenced** [CESS21, FXD+22, HZM+21, LSC+21, REF+21]. **influences** [BBCA+21, CGD22, DBFC24, FBJ+23, OYM+20, PLC+24]. **influencing** [EBK+20, SBB+21]. **influx** [BHSL21]. **inform** [ASH+20]. **Information** [Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y, Ano20-38, Ano20z, Ano20-39, Ano20-27, Ano20-40, Ano20-28, Ano20-41, Ano20-29, Ano20-42, Ano20-30, Ano20-43, Ano20-31, Ano20-44, Ano20-32, Ano20-45, Ano20-33, Ano20-34, Ano20-46, Ano20-35, Ano20-47, Ano20-36, Ano20-48, Ano20-37, Ano20-49, Ano20-50, Ano20-51, Ano20-52, Ano20-53, Ano20-54, Ano20-55, Ano20-56, Ano20-57, Ano20-58, Ano20-59, Ano20-60, Ano20-61, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21-53, Ano21p, Ano21q, Ano21-29, Ano21r, Ano21-30, Ano21s, Ano21-31, Ano21t, Ano21-32, Ano21u, Ano21-33, Ano21v]. **Information** [Ano21-34, Ano21w, Ano21-35, Ano21x, Ano21-36, Ano21y, Ano21-37, Ano21z, Ano21-38, Ano21-27, Ano21-39, Ano21-54, Ano21-55, Ano21-28, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano21-49, Ano21-50, Ano21-51, Ano21-56, Ano21-52, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22a, Ano22q, Ano22r, Ano22-31, Ano22-30, Ano22-43, Ano22s, Ano22-32, Ano22t, Ano22-33, Ano22u, Ano22-34, Ano22v, Ano22-35, Ano22w, Ano22-36, Ano22x, Ano22-37, Ano22y, Ano22-38, Ano22z, Ano22-39, Ano22-27, Ano22-40, Ano22-28, Ano22-41, Ano22-29, Ano22-42, Ano22b, Ano22c, Ano22-44, Ano22-45, Ano22-46, Ano22-47, Ano22-48, Ano22-49, Ano22-50, Ano22-51, Ano22-52, Ano22-53, Ano22-54, Ano22-55, Ano22d, Ano22-56]. **Information** [Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23y, Ano23n, Ano23z, Ano23o, Ano23-27, Ano23p, Ano23-28, Ano23q, Ano23-29, Ano23r, Ano23-30, Ano23s, Ano23-31, Ano23t, Ano23-32, Ano23u, Ano23-33, Ano23v, Ano23-34, Ano23w, Ano23-35, Ano23x, Ano23-36, Ano23-37, Ano23-38, Ano23-39, Ano23-40, Ano23-41, Ano23-42, Ano23-43, Ano23-44, Ano23-45, Ano23-46, Ano23-47, Ano23-48, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24w, Ano24n, Ano24x, Ano24o, Ano24y, Ano24p, Ano24z, Ano24q, Ano24-27, Ano24r, Ano24-28, Ano24s, Ano24-29, Ano24t, Ano24-30, Ano24u, Ano24-31, Ano24v, Ano24-32, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38]. **Information** [Ano24-39, Ano24-40, Ano24-41, Ano24-42, Ano25a, Ano25b, Ano25c, Ano25d, Ano25g, Ano25e, Ano25h, Ano25f, Ano25i, Ano25j, Ano25k, Ano25l]. **informs** [KSF+23]. **Ingestion** [BWSW24, ELS23, BZSF23, TION23]. **inhabiting** [AHCJ+20]. **inhibited** [GBMKJ22]. **initiates** [BFE+20]. **initiation** [PHM21]. **inland** [BH24, GMI+21]. **inlet** [IÁSNCR21]. **Inorganic** [BDL+21, ACW+22, FAB+20, HSD+20, KHHZ20, MHP+23, MKM+23, QRWT+22, RSLW23, RBSV+24, RVvB+23, REvdMO24, RCH+20, SBT25, SKA+24, TEK+21, VWR+23, WBAG24, WDL+24, ZLU+20]. **input** [YML+21]. **inputs** [BOC+21, CZK+23, LPMBR23, TSX+23]. **insect** [BWB+22]. **Insight** [LLC+23, HZZ+25, KMZ+24]. **Insights** [ACW+22, BCWS23, BDE+22, GGDB25, HCH+24, LLMM+23, LVDM22, Lem20, LN21, PYM+20, SEG21, WAPC20, ZMS+24, APB+23, Ano24b, GMC$^+$25, HGA24, KLG$^+$23, WOK$^+$21, ZZB$^+$20]. **Instr** [Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y]. **instrumented** [KTH$^+$21]. **integrated** [HAB$^+$24, TJL$^+$24]. **Integrating** [CSM$^+$23, HHK$^+$22, PSY$^+$22, KSF$^+$23]. **integrative** [ST22]. **intelligence** [ARB$^+$22]. **intense** [AFH$^+$22, CBF$^+$23, CMT$^+$20, DBB$^+$21, FMMD$^+$25, LRM21, RGE$^+$24]. **intensifies** [SVC$^+$22]. **intensify** [ZXZ$^+$23]. **intensity** [MTB$^+$21, MSSBR24, RGW$^+$23]. **inter** [KMV$^+$20, vdPMF$^+$21]. **inter-annual** [vdPMF$^+$21]. **inter-replacement** [KMV$^+$20]. **Interaction** [ZLU$^+$20, EWF22, GAS$^+$21, KBL$^+$20, LMSN23, dSMPC24]. **Interactions** [BBA$^+$23, HMB$^+$20, ZFQ$^+$20, CHA$^+$24b, DFF$^+$24, GGS$^+$21, MIR$^+$22, PGB24, SDSGR21, TKH21]. **Interactive** [FPB$^+$23, MGC$^+$20, STB22, AFK$^+$22, WWB$^+$20]. **interactively** [BRV$^+$25]. **interactome** [CLC$^+$20, CLC$^+$21]. **interannual** [CGRGP$^+$21, CP22, DLDF21, FMMD$^+$25, JLW$^+$23, PFB$^+$22, RFW$^+$24]. **interface** [BKMY21, RWMP$^+$23]. **interferes** [HXL$^+$21]. **Interleaving** [HPNU20]. **intermediate** [RS20]. **intermittency** [PSE$^+$20]. **intermittent** [HGDW24, SPR22]. **Internal** [BMS$^+$22, FWDY20, GLN$^+$20, LHH24, FGO$^+$20, GLN$^+$21, HMB$^+$22, MXL$^+$21, MMF$^+$24, NH22, PRS$^+$20, XMP$^+$21]. **Interplay** [SGSD$^+$22, CYPRG$^+$23, HZM$^+$21]. **Interrelated** [YSHS23]. **Interspecific** [VGvdB$^+$21, BHG$^+$24, MKL$^+$24]. **intertidal** [DvOH$^+$20, EJM$^+$23, FNB$^+$23, ORE20, PYM$^+$20, REvdMO24, RS21, SYT$^+$21, SMK24, TEK$^+$21]. **intertidal-flat** [SYT$^+$21]. **intraguild** [PSNS22]. **Intraspecific** [RK24, LLSQ24]. **introduced** [LCS$^+$20, WTvD$^+$22]. **introgression** [PPB$^+$21, WNHY21]. **intrusion** [KTH$^+$21]. **intrusions** [HPNU20, NH23]. **inundation** [STO$^+$24]. **invader** [LBJS22]. **invasion** [YWZ$^+$21]. **invasions** [SBH23, WHZ$^+$21]. **invasive** [BDMGH$^+$23, MWV22]. **inversions** [AAB$^+$22]. **Invertebrate** [PVB$^+$24, DBFC24]. **invertebrates** [BW24, HANW21, MKBSK19, SRV$^+$20]. **inverted** [LSW$^+$20a]. **investigate** [MMF$^+$24]. **Investigating** [FHR$^+$21]. **involved** [LOW$^+$20, PMZ$^+$25, ZSZ$^+$21]. **iodine** [SOSN23]. **Ireland** [SOO$^+$21]. **Iron** [CXK$^+$25, BTT23, EBW$^+$20, EFG$^+$24, HYPG$^+$22, HZM$^+$21, HPB$^+$21, JWAvD$^+$22, KLP23, LG21, LHS$^+$21, LTW$^+$24, LHMR23, LMS$^+$21, MGC$^+$20, MWHR$^+$22, SGA$^+$22, SdBW$^+$23, WRS$^+$22, YSHS22, YSHS23, ZJW$^+$22, ZLL$^+$21, ZLA$^+$24]. **iron-dependent** [MWHR$^+$22]. **iron-light-CO** [YSHS22]. **iron-limited** [ZLA$^+$24]. **iron-supported** [SZY$^+$20]. **Irradiance** [KKP$^+$21, CT23, KNG$^+$23, MSD23]. **irradiated** [AFM23]. **irradiation** [KRB$^+$21]. **Island** [LVHK20, MSGW$^+$20, MVBG20, CON$^+$24, FMT$^+$20]. **Islands** [MSGW$^+$20, SBV$^+$21, SWS$^+$22]. **isolation** [BRB$^+$22]. **isoscapes** [YAH$^+$21]. **Isotope** [MGG$^+$24, CYT$^+$24, CDH$^+$21, DMS$^+$21, HRK$^+$22, KMZ$^+$24, KLG$^+$23, LHGJ21, ORRMD$^+$21, SRM23, SWV$^+$24, TMM$^+$20, WDS$^+$23, WAPC20]. **isotopes** [CDW$^+$24, DWS$^+$22, EST$^+$24, HFL$^+$20, HCH$^+$24, HZC$^+$24, IFU$^+$20, LVDM22, LLC$^+$23, MLP$^+$21a, SWS$^+$22, VCT$^+$23, WRS$^+$22, YIS$^+$24, ZSD$^+$20, ZMS$^+$24]. **Isotopic** [PMJ$^+$21, TZF$^+$22, Ano21c, BSF$^+$21, FXD$^+$22, GAS$^+$23, HLKD23, SSK24, TUR$^+$20, WRWPG19, WMRL22]. **isotopomeric** [WLK$^+$21]. **Issue** [Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano20n, Ano20o, Ano20p, Ano20q, Ano20r, Ano20s, Ano20t, Ano20u, Ano20v, Ano20w, Ano20x, Ano20y, Ano20-38, Ano20z, Ano20-39, Ano20-27, Ano20-40, Ano20-28, Ano20-41, Ano20-29, Ano20-42, Ano20-30, Ano20-43, Ano20-31, Ano20-44, Ano20-32, Ano20-45, Ano20-33, Ano20-34, Ano20-46, Ano20-35, Ano20-47, Ano20-36, Ano20-48, Ano20-37, Ano20-49, Ano20-50, Ano20-51, Ano20-52, Ano20-53, Ano20-54, Ano20-55, Ano20-56, Ano20-57, Ano20-58, Ano20-59, Ano20-60, Ano20-61, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21-53, Ano21p, Ano21q, Ano21-29, Ano21r, Ano21-30, Ano21s, Ano21-31, Ano21t, Ano21-32, Ano21u, Ano21-33, Ano21v]. **Issue** [Ano21-34, Ano21w, Ano21-35, Ano21x, Ano21-36, Ano21y, Ano21-37, Ano21z, Ano21-38, Ano21-27, Ano21-39, Ano21-54, Ano21-55, Ano21-28, Ano21-40, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano21-49, Ano21-50, Ano21-51, Ano21-56, Ano21-52, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22a, Ano22q, Ano22r, Ano22-31, Ano22-30, Ano22-43, Ano22s, Ano22-32, Ano22t, Ano22-33, Ano22u, Ano22-34, Ano22v, Ano22-35, Ano22w, Ano22-36, Ano22x, Ano22-37, Ano22y, Ano22-38, Ano22z, Ano22-39, Ano22-27, Ano22-40, Ano22-28, Ano22-41, Ano22-29, Ano22-42, Ano22b, Ano22c, Ano22-44, Ano22-45, Ano22-46, Ano22-47, Ano22-48, Ano22-49, Ano22-50, Ano22-51, Ano22-52, Ano22-53, Ano22-54, Ano22-55, Ano22d, Ano22-56]. **Issue** [Ano23a, Ano23b, Ano23c, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano23y, Ano23n, Ano23z, Ano23o, Ano23-27, Ano23p, Ano23-28, Ano23q, Ano23-29, Ano23r, Ano23-30, Ano23s, Ano23-31, Ano23t, Ano23-32, Ano23u, Ano23-33, Ano23v, Ano23-34, Ano23w, Ano23-35, Ano23x, Ano23-36, Ano23-37, Ano23-38, Ano23-39, Ano23-40, Ano23-41, Ano23-42, Ano23-43, Ano23-44, Ano23-45, Ano23-46, Ano23-47, Ano23-48, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano24i, Ano24j, Ano24k, Ano24l, Ano24m, Ano24w, Ano24n, Ano24x, Ano24o, Ano24y, Ano24p, Ano24z, Ano24q, Ano24-27, Ano24r, Ano24-28, Ano24s, Ano24-29, Ano24t, Ano24-30, Ano24u, Ano24-31, Ano24v, Ano24-32, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38]. **Issue** [Ano24-39, Ano24-40, Ano24-41, Ano24-42, Ano25a, Ano25b, Ano25c, Ano25d, Ano25g, Ano25e, Ano25h, Ano25f, Ano25i, Ano25j, Ano25k, Ano25l]. **Issues** [BR22].

**Japan** [LDB$^+$20, LDB$^+$21, NSK$^+$21]. **japonicus** [LDB$^+$21]. **jelly** [CDH$^+$21]. **jellyfish** [HGF$^+$21, MMKWZ22, MBC$^+$21, OFM$^+$21, SLP$^+$24, TKH21].

**joint** [WSC+25]. **journey** [MMF+24]. **jumps** [MAR+24]. **juvenile** [CSNS24, FBJ+23, LDG+21, MMF+24, SBP+25].

**kairomone** [HXL+21]. **Kaiser** [Ano21b]. **karst** [BPL22]. **keep** [ETG21]. **keeping** [FGO+20]. **Kelp** [vEMF+20, BRHS20, BS20, NB23, SPKM22, SBB+21, SMKS22, TCP+22, WLSD21]. **Kenya** [MGI+22]. **Kerguelen** [DAB+21, IJSC20]. **kerguelensis** [MGC+20]. **Kermadec** [SML+21a]. **key** [BTT23, BBL+21, DCAB24, HJB+25, LHS+21, RRH+24, SBJ+24, VST+22, ZLJ+24, ZSW+24, ZSF+23]. **Keys** [OLFH21]. **killer** [CCC+21]. **Kinetics** [FSS+23, ELS23, GF21, MSB+22, TFI+24]. **km** [TKW+23]. **known** [LSS+24]. **Kongsfjorden** [vdPMF+21]. **Krill** [NCC+21, CSNS24, YAH+21]. **Kuroshio** [LHS+20, ZSZ+24].

**lab** [BDE+22, SHZ+21]. **labeled** [FDB24]. **labile** [BKC20, HP20, MFGF+22, NKH+23, WCC20]. **lability** [BMG+23, KMZ+24, PSNG+21]. **Lack** [KMM+22, BWB+22]. **lacustrine** [SWV+24]. **lagoon** [BJS+23b, BSC+24, CCDM21, HHMH22, KX22, MBC+21, RWS+22, SMK24, ZWM22]. **lagoonal** [YMSH20]. **lagoons** [BMR+21b]. **Lagrangian** [BGAD+22, FHR+21, RPA+22]. **lake** [ACA+22, ASH+20, AHF+22, Aus24, BVL+23, BAG+24, BTK+21, BGG+20, BGM+22, BMLV24, BDC+24, BR22, CYPRG+23, CESS21, CHS+20, CTH+20, CKCB+23, CZK+23, DHNH22, DAN+22, DCF+22, DdEM+23, EST+24, ESW+21, EPR+24, FBK+22, FWDY20, FDB24, FBV23, FPB+23, FÖJ+24, GGHBS+20, GWS+21, GB21, GB23, GZZ25, GKW+20, GKW+21, HZC+24, HNS21, HSB+20, HMB+22, HHK+22, HP20, HZZ+20, JOC+20, JSPS24, KKA22, KPM+20, KMK+24, KRC23, KTP25, KPG+23, KZK+25, KHSP21, LVDM22, LDS+20, LZM+21, LLBC20, MBA+21, MAG+22, MOW+22, MWHR+22, MGG+24, MNMJ+21, OCCW24, OYM+20, PBC21, PCJ+21, PATL+23, Phi20, Phi21, PRL+25, PFB+22, PSK21, RNW+23, RLL+21, RFW+24, REF+21, RCS+20, SVC+22, SSM+21a, SPBK21, SGA+22, SO23, SGL+23, SCM22, SEK20, SBW21, SGM+21, SWV+24, SZY+20, SDS+23, SGS22, TRC+25, TKM+22, TKS+20]. **lake** [TMM+20, VMT+20, VWR+23, WCZ+20, XTL+20, YPH+24, YWLY20, YJB+20, YIS+24, vGDH+21, AJMG21, CYZZ+20, CWF+22, CTP21, DSY20, GZX+22, HMOY25, LEK+22, Lem20, LDB+20, LDB+21, MWV22, MDP+23, MSB+20, NB20, ONH+20, PCC+24, PUH+23, RPA+22, SSP+20, SLZ+21b, SRL+20, THT+20, TZF+22, VMT+20, XDQ+22, XTL+20, XMP+21]. **lake-ice** [YWLY20]. **lake-level** [BGM+22]. **lake-water** [MNMJ+21]. **lakebed** [NH23]. **Lakes** [RD23, VCBB20, AVJ+24, AKT+21, Ano21a, Ano24a, BSIdG23, BW25, BMA+20, BLS+22, BGM+22, BMS+22, BV21, BPG+22, CLA+24, CCA+21, CLG+24, CM20a, CM20b, DAD+21, DKW+21, DMCW23, EAF+22, GGR24, GSG+17, GTNH25, HZZ+25, HM20, HABL+21, IMB+22, JSPS24, JSB+20, KVKS22, KSH+23, LM24, LAD+22, LWH+23, LHH24, LPA+23, MBH+23, MTP+23, MLC+21, MSGW+20,

MVBG20, MSJ21, MHVC22, MNMJ$^{+}$21, PGEB22, PMD$^{+}$23, PC21, PW22, PFB$^{+}$22, PLB$^{+}$21, QFM$^{+}$21, RHA$^{+}$23, RCMA21, RSP$^{+}$24, SJH20, SPBK21, SGGB21, SMCS23, SPLJA$^{+}$20, SSWM20, SLHL$^{+}$22, TKW$^{+}$23, TATC$^{+}$24, VMT$^{+}$24, VKK$^{+}$21, VST$^{+}$22, XTJW21, YJ20, ZSK$^{+}$21, ZLJ$^{+}$24, ZZWL22, ZZB$^{+}$20, DLC$^{+}$22, GSP$^{+}$23, GBO$^{+}$20, MFM$^{+}$21, MBB$^{+}$20, SWOR20]. **lakeside** [MOW$^{+}$22]. **Laminaria** [SOO$^{+}$21]. **Land** [BSB$^{+}$20, BGM$^{+}$21, RTM$^{+}$20, BCTH20, HAB$^{+}$24, MGI$^{+}$22, SML21b]. **landfast** [JHvL$^{+}$23]. **Landscape** [ASH$^{+}$20, CZH$^{+}$21, DBFC24, LHL$^{+}$21, LRM21, PFB$^{+}$22, PLB$^{+}$21, SZA$^{+}$21]. **landscapes** [LVZ21, NDP$^{+}$24, dGKB24]. **Large** [XWL$^{+}$21, ACW$^{+}$22, BCY$^{+}$24, BCL$^{+}$22, BGAD$^{+}$22, CCY$^{+}$21, CMCC24, CHS$^{+}$20, CTH$^{+}$20, DHNH22, DMC$^{+}$22, EST$^{+}$24, EPR$^{+}$24, FWDY20, FBV23, GEHD20, GZZ25, HZC$^{+}$24, HLPT20, HMB$^{+}$22, HMOY25, IÁSNCR21, JOC$^{+}$20, KRC23, KZK$^{+}$25, LM24, LAFV23, LHL$^{+}$21, MGL22, MVP$^{+}$20, MLS$^{+}$21, MOW$^{+}$22, PGB24, PRL$^{+}$25, RHP$^{+}$23, SH22, SO23, SGM$^{+}$21, SDSGR21, TION23, TFI$^{+}$24, TBH$^{+}$22, VMT$^{+}$20, WCZ$^{+}$20, WYY$^{+}$24, XDQ$^{+}$22, YWLY20, ZLU$^{+}$20, ZYZ$^{+}$21]. **large-scale** [BGAD$^{+}$22, SH22]. **Larger** [FLH$^{+}$23, SGGB21, TION23]. **largest** [HTLP23]. **larvae** [CPBJR$^{+}$21, GFG$^{+}$22, GPDA$^{+}$20, LTF$^{+}$24, OLR$^{+}$23]. **Larval** [GLN$^{+}$21, APB$^{+}$23, Ano24b, GLN$^{+}$20, MMF$^{+}$24, MLP21b, MURK20, MDWT$^{+}$22, RPA$^{+}$22, SSA$^{+}$23]. **last** [TMKB$^{+}$22]. **lasting** [SH22]. **Late** [SSR$^{+}$23, BAHH$^{+}$20, SBM$^{+}$21]. **Late-season** [SSR$^{+}$23]. **Lateral** [CTH$^{+}$20, NH23]. **latitude** [JSB$^{+}$20, KCT23, LTF$^{+}$24, LDG$^{+}$21, SLHL$^{+}$22]. **latitudes** [ARB$^{+}$22, RHM$^{+}$21]. **Latitudinal** [GFW$^{+}$20, BSGA21, JLS$^{+}$20, JSL$^{+}$23, LCS$^{+}$20, RCMA21, ZZB$^{+}$20]. **Laurentian** [GSP$^{+}$23, MFM$^{+}$21, SWOR20]. **layer** [DHNH22, EFG$^{+}$24, GBC$^{+}$20, NH22, NH23]. **layers** [HMOY25, PLLM21, SBW21]. **lead** [RRH$^{+}$24, YDM$^{+}$25]. **leads** [BMH$^{+}$23]. **leaf** [FPG$^{+}$24, FRRG$^{+}$21, ZN20]. **leaf-litter** [FRRG$^{+}$21]. **learning** [GCS$^{+}$24, MT23, OAM$^{+}$22, RWMP$^{+}$23, SCC$^{+}$21]. **leaved** [DCAB24, VJS$^{+}$20]. **leidyi** [CCG$^{+}$22]. **Length** [SGM$^{+}$22, RHSK24]. **less** [MN20]. **Lessons** [dGKB24]. **leucine** [GE22]. **level** [BGM$^{+}$22, BPG$^{+}$22, FBK$^{+}$22, FNB$^{+}$23, LVHK20, LRM21, QMG21, YLT$^{+}$20, ZvBZ$^{+}$20]. **levels** [EWGP22, KTA$^{+}$21, RBAC$^{+}$20, SPBK21, YWLY20, YJS$^{+}$25, YZX$^{+}$24]. **Leveraging** [HMBB21]. **Liaohe** [PYY$^{+}$20]. **lidar** [CZS$^{+}$22]. **Life** [BST$^{+}$22, DFW$^{+}$20, GB25, HXL$^{+}$21, LZG21, OFM$^{+}$21, ZLJ$^{+}$24]. **ligand** [KLP23, WXK$^{+}$22]. **Light** [DPB$^{+}$23, GEHD20, HPCH24, MCH$^{+}$22, PCC$^{+}$23, SSB$^{+}$22, AVJ$^{+}$24, BGvL$^{+}$25, BW25, BS20, CFC$^{+}$20, CBT$^{+}$21, CGB$^{+}$21, DMM$^{+}$21, FNB$^{+}$23, GR24, GK22, HZS21, HPP$^{+}$21, HS21, JWAvD$^{+}$22, KKP$^{+}$21, KSR20, KLP23, KIB$^{+}$24, MZ25, MTB$^{+}$21, MGC$^{+}$20, MLG$^{+}$20, Phi20, Phi21, QBJG21, RGW$^{+}$23, ŚWKS$^{+}$25, SMKS22, TKA21, TPTS23, WWFS21, WRHR22, YSHS22, YSHS23, ZYW$^{+}$24, ZXZ$^{+}$23]. **Light-driven** [MCH$^{+}$22]. **light-stress** [BGvL$^{+}$25]. **Light-use** [HPCH24]. **limitation** [AFH$^{+}$21, APB$^{+}$23, AWGV20, Ano24b, BYS$^{+}$23, BVGQN22, DCK$^{+}$22,

GCW+23, KHK+22, LTW+24, MDP+23, MGC+20, TPTS23, hTRH20, VWR+23, WK21, WRS+22, YSHS22, YAE+24, ZFQ+20]. **limitations** [CXK+25, CMY+25]. **Limited** [BAD+21, CLM25, TMS+21, TCP+22, ASH+20, EJM+23, GVF+23, OGRS+25, SOWP24, WBAG24, ZLA+24]. **limiting** [NB23]. **limits** [AR20, GAS+21]. **Limnol** [Ano21b]. **Limnology** [Ano21a, Kir20]. **Lineage** [WNHY21, MNM+21]. **lineages** [BRB+22, FM21]. **Linear** [GR24, FGO+20, TBH+22]. **link** [TVB+21, VGSB23]. **Linkages** [ZQB+21, FLW+21, HCS+21]. **linked** [BCFI+22, LNR+20, PWS+20, PFB+22, RvHF+20]. **Linking** [FAB+20, GMMW20, dMKB+20, FJP+21]. **links** [ARB+22, KHB22, RNW+23, SJJ+21]. **Lipid** [PMF+21, HNS21]. **lipidome** [BCFI+22]. **lithium** [FSH+23]. **litter** [BRB+20, FRRG+21, SKY+24]. **litter-associated** [BRB+20]. **littoral** [VMT+20, VKK+21]. **Live** [BFW+22]. **livestock** [GBMKJ22]. **living** [WPY+20]. **lno.10504** [Ano21a]. **load** [FBV23, MDBI20, RS21, TBH+22, WHAR+20]. **loading** [DSY20, HMB+22, JOC+20, LTH21, SDL22, VMT+20, XMP+21]. **loads** [Roy20]. **loathing** [PVSP+22]. **lobate** [CCG+22]. **lobsters** [BFCC+21]. **Local** [FRRG+21, GFT+24, KPNJ23, SLJ+22, OYM+20, SMG+22]. **Local-scale** [KPNJ23]. **location** [PHM21]. **locomotion** [JYA21]. **Long** [BBMD20, BMH+23, CB21a, CHA+24b, FBV23, GBHF21, LAD+22, LGQ+21, MVP+20, MNMJ+21, RSLW23, SJH20, BCWS23, DAD+21, EDC24, FHMK20, HBR+22, LVHK20, Lem20, LZM+21, MKBSK19, SH22, SGM+21, YAH+21, MKBSK19]. **long-lasting** [SH22]. **Long-term** [BBMD20, BMH+23, CB21a, CHA+24b, FBV23, GBHF21, LAD+22, LGQ+21, MVP+20, MNMJ+21, RSLW23, SJH20, BCWS23, DAD+21, FHMK20, HBR+22, LVHK20, Lem20, LZM+21, MKBSK19, SGM+21, YAH+21, MKBSK19]. **Longitudinal** [HCS+21]. **loop** [RNW+23, VGSB23, VKGW22]. **loops** [FÖJ+24, GM22]. **loss** [BH21, CM21, GMS21, SSS+20, YPH+24, ZQB+21]. **Low** [BBL+21, PBP+23, TJH+25, BTT23, BS20, BGM+21, BPG+22, CTM+21, CBHB21, CBD+23, EBK+20, FRRG+21, KRB+21, KKP+21, LDGB+24, MCYR20, OBL20, PUH+23, SDB+23, TKA21]. **low-energy** [SDB+23]. **Low-frequency** [TJH+25]. **low-level** [BPG+22]. **low-light** [KKP+21, TKA21]. **low-molecular** [BGM+21]. **low-oxygen-adapted** [CBD+23]. **low-quality** [FRRG+21]. **low-salinity** [OBL20]. **low-sulfate** [PUH+23]. **lower** [EJM+23, FPBG+22, TMSL22, DSY20]. **lowland** [MHL+20, PHB+22, RWT+21]. **lysates** [WCC20, ZLW+21a].

**m** [BGM+22]. **MA** [LVHK20]. **maar** [YPH+24]. **Machine** [OAM+22, MT23, RWMP+23, SCC+21]. **macro** [PBP+23, WLSD21]. **macro-tidal** [PBP+23, WLSD21]. **macroalgae** [BDMGH+23, DK20, LRRP20, RS21, SH22, SHBA22, SWS+22]. **macroalgae-dominated** [SH22]. **macroalgal** [BMR+21b, CCFF21, RMH+22, TPTS23, WBB+21]. **macrobenthic**

[SYT+21]. **Macrocystis** [SBB+21]. **Macrofauna** [NvBE+21, HLPT20, ZGdS+24]. **macrofaunal** [DvOH+20, GdJA+25]. **macroinvertebrate** [LLC21, LHL+21, MHdS+21]. **macroinvertebrates** [VKK+21, VST+22]. **macromolecular** [EHC+22, RRAO+21, ZLS+21]. **macronutrients** [HKM+20, MHP+23]. **macrophyte** [GGHBS+20, LRNG24, MCH+21, OGD20, SLHL+22, WCZ+20]. **macrophyte-** [WCZ+20]. **macrophytes** [DCAB24, GTNH25, HZZ+25, HGMK22, HZZ+20]. **macrotidal** [YXC+22]. **made** [TRC+25]. **magellanicus** [CGR22]. **magna** [LBvE23, RVBP23]. **magnitude** [SMW+21, WOT+23]. **main** [BAG+24, SWS+22]. **Maine** [DP22, SMP21]. **mainly** [OYM+20]. **major** [BCFI+22, EHC+22, HSD+20, KDZ+24, MBB+20, NvBE+21, PVH24, SBT25, WTS+25, YXC+22]. **Malawi** [NB20]. **man** [TRC+25]. **man-made** [TRC+25]. **management** [DFJ22, FGP22, XMP+21]. **Manganese** [LWvdM+21, SZY+20, BTT23, CLD+23, HPB+21, LHS+21, MCS+23, SGA+22]. **Manganese/iron** [SZY+20]. **Manganese/iron-supported** [SZY+20]. **mangrove** [BSB+20, CSC+21, CMCC24, CAN+24, CEE+22, EJM+23, HFL+20, KHK+22, KDZ+24, LAB+22, PBP+23, RMW+21, SSS+20, YOXC23, vHHP+21, vHHP+22]. **mangrove-dominated** [CMCC24, RMW+21]. **mangrove-fringed** [KDZ+24]. **mangrove-seagrass** [KHK+22]. **mangroves** [HMP+21]. **manipulative** [BW25]. **mapping** [PSY+22]. **Mara** [MGI+22]. **marginal** [CCS+24, FXD+22, LLK+22, LCZ+21, WXK+22, YWZZ20]. **mariculture** [XYL+23]. **marina** [GGS+21, SIP21]. **Marine** [EFC+23, MHD+22, SRV+20, ARPFGS23, AMC21, BMG+23, BHSG+20, BMCS23, BPIBN20, BFE+20, CML23, CYT+24, CBT+21, CHA+24b, DCJB22, DBB+21, DWW+21, DCK+22, EHC+22, EJRRC+23, EWF22, GELME+24, GBW24, GM22, GFW+20, GAS+23, HAC+24, HLKD23, HH24, HVMS+21, HAB+24, JHSG+24, JHS+21, JLMW21, KOR+20, LFBS24, LCMG+20, LG21, LD22, LCM+22, LSL+20, LN21, LMSN23, MLK+22, MNM+21, MUGL20, MLP21b, MZW+21, MK20, OBL21, OGD20, PLC+24, PPB+21, PDK+23, PVB+24, RBR+24, SJR21, SB22, SBT25, SEG21, SGK+21, ST22, SSK24, TCS21, VKB+22, WWGP21, YAP+22, YSHS22, ZR23, ZZHZ23, ZLL+24, ZMC+24, ZLL+21, ZLA+24, ZFQ+20]. **Marked** [IJSC20]. **marker** [BDC+24, DAB+21]. **marsh** [BVM+20, CZH+21, DKPS23, EJM+23, HSBC20, KBB+22, LVHK20, LSC+21, MEQBV20, OJUN23, PNT+21, RWMP+23, SVBT20, SRN+21, SWK+23, XWL+21, YDM+25, YJS+25, ZLN21]. **marsh-influenced** [LSC+21]. **marshes** [GBMKJ22, LGF22, MKM+23, PGW25, QMG21, STO+24, TEK+21, YLT+20]. **masks** [BYS+23, LDB+20]. **mass** [BAG+24, CON+24, ESW+21, JYA21, KBSA21, LVDM22, LLC+23, RFB+22, RST+21, SH22, YWZ+21]. **masses** [EBK+20, FBRG23]. **Massive** [MBLA+21, YAP+22]. **Masthead** [Ano20z, Ano20-27, Ano20-28, Ano20-29, Ano20-30, Ano20-31, Ano20-32, Ano20-33, Ano20-34, Ano20-35, Ano20-36, Ano20-37, Ano21q, Ano21r, Ano21s, Ano21t, Ano21u, Ano21v, Ano21w, Ano21x, Ano21y, Ano21z, Ano21-27, Ano21-54, Ano21-28, Ano22r, Ano22-30, Ano22s, Ano22t, Ano22u, Ano22v, Ano22w, Ano22x, Ano22y, Ano22z, Ano22-27, Ano22-28, Ano22-29, Ano22b, Ano23m, Ano23n, Ano23o, Ano23p, Ano23q, Ano23r, Ano23s, Ano23t, Ano23u, Ano23v, Ano23w, Ano23x, Ano24m, Ano24n, Ano24o, Ano24p, Ano24q, Ano24r, Ano24s, Ano24t, Ano24u, Ano24v, Ano25d, Ano25e, Ano25f]. **mat** [MVBG20]. **matching** [LEB21]. **material** [HPF$^+$23]. **matrix** [GRJ20]. **mats** [MVBG20]. **matter** [AVJ$^+$24, ABS$^+$21, AKT$^+$21, AMC21, BCY$^+$24, BAG$^+$24, BSF$^+$21, BBH$^+$20, BAD$^+$21, BGG$^+$20, BYS$^+$23, BJG$^+$22, BZK$^+$22, BGM$^+$21, CPB$^+$21, CTP21, CLC$^+$22, CM21, CCDM21, DVL$^+$23, DAP$^+$24, DLC$^+$22, FAB$^+$20, FXD$^+$22, GMI$^+$21, GAS$^+$23, HGDW24, HOB$^+$22, HHK$^+$22, HCS$^+$21, JSB$^+$20, KMZ$^+$24, KAP$^+$20, KDZ$^+$24, KBB$^+$22, KHCG$^+$22, LBBM21, LRdGFP23, LMM$^+$21, LNR$^+$20, LD22, LSC$^+$21, LTH21, LXC$^+$21b, LPO$^+$20, LLTT$^+$24, MGL22, MEQBV20, MSSBR24, PBC21, PSNG$^+$21, PGW25, PWS$^+$20, PGN$^+$21, RvHF$^+$20, RLP$^+$20, RCMA21, SB20, SB22, SEK20, SSWM20, SCB$^+$20, SGSD$^+$22, TSX$^+$23, WCC20, YGD$^+$21, ZCZ$^+$23, ZZT$^+$21, ZYZ$^+$21, ZZB$^+$20, dMKB$^+$20]. **matters** [CZA24, FGP22, TPTS23]. **maturation** [RVBP23]. **Maud** [DLDF21]. **maxima** [SWOR20]. **maximum** [SMNT22, SPLJA$^+$20]. **may** [CCS$^+$24, HVMS$^+$21, MHD$^+$22, OJUN23, SSEO21, YDM$^+$25, dJSS24]. **Meadow** [THVJ23, CB21b, SVMM$^+$22, VLP$^+$21, dSMPC24]. **meadows** [AHCF22, CCFF21, JREVB21, MZ25, SN22, dSNIB22]. **means** [MGG$^+$24]. **measurable** [CSD$^+$24]. **measured** [DAD$^+$21, WO21]. **Measurement** [EAF$^+$22, MHMML$^+$22]. **measurements** [BVM$^+$20, CZS$^+$22, DLDF21, KSR20, Lem20, SBCF24, SSM$^+$22a, SEG21]. **mechanical** [XSZ$^+$21]. **mechanics** [CCG$^+$22, CUS21, SMF20]. **Mechanism** [MAR$^+$24, GLN$^+$20, YXC$^+$22]. **Mechanisms** [BWB$^+$22, PLLM21, STAK22, BPL22, SBT25, WDS$^+$23]. **Mechanistic** [ALG$^+$23]. **mechanoreceptional** [SYMF21]. **mediate** [LWS$^+$22]. **mediated** [CB25, GLM$^+$23, SRN$^+$21, VJS$^+$20, WKRL$^+$23]. **mediates** [PCJ$^+$21]. **mediating** [HLPT20]. **mediation** [CBN21, WMTJW22, ZTT23]. **Mediterranean** [GCEM$^+$23, GLM$^+$23, MGP$^+$21, MBC$^+$21, RHS$^+$22, SORGC$^+$21]. **meet** [HMBB21]. **megafaunal** [GCP$^+$25]. **Meiler** [ZR23]. **meiobenthic** [LBG$^+$22, RLP$^+$20]. **meiofauna** [MHG$^+$23, PCN22]. **melt** [KPG$^+$23, VMP$^+$21, YRC$^+$24]. **melting** [LCS$^+$24]. **meltwater** [MCS$^+$23]. **Members** [Ano20-38, Ano20-39, Ano20-40, Ano20-41, Ano20-42, Ano20-43, Ano20-44, Ano20-45, Ano20-46, Ano20-47, Ano20-48, Ano20-49, Ano21-29, Ano21-30, Ano21-31, Ano21-32, Ano21-33, Ano21-34, Ano21-35, Ano21-36, Ano21-37, Ano21-38, Ano21-39, Ano21-55, Ano21-40, Ano22-31, Ano22-43, Ano22-32, Ano22-33, Ano22-34, Ano22-35, Ano22-36, Ano22-37, Ano22-38, Ano22-39, Ano22-40, Ano22-41, Ano22-42, Ano22c, Ano23y, Ano23z, Ano23-27, Ano23-28, Ano23-29, Ano23-30, Ano23-31, Ano23-32, Ano23-33, Ano23-34, Ano23-35, Ano23-36, Ano24w, Ano24x, Ano24y, Ano24z, Ano24-27, Ano24-28, Ano24-29, Ano24-30, Ano24-31, Ano24-32, Ano25g, Ano25h, Ano25i]. **Mercenaria** [MURK20]. **Mercury** [CESS21, RCMA21, BAG$^{+}$24, BCA$^{+}$20, SGGB21, TUR$^{+}$20]. **mercury-cycling** [BCA$^{+}$20]. **mercy** [RHM$^{+}$21]. **Meretrix** [SYT$^{+}$21]. **meromictic** [CYPRG$^{+}$23, TZF$^{+}$22]. **mesocosm** [SSM$^{+}$22a]. **mesocosms** [HS21, RLL$^{+}$21, TVB$^{+}$21]. **mesopelagic** [BBM21, BMR$^{+}$25, CLT$^{+}$22, CB25, LPO$^{+}$20, OLR$^{+}$23, SWC$^{+}$23, WSZ22a, WSZ22b]. **mesophotic** [FPBG$^{+}$22, LMS23, MSL21, RFB$^{+}$22, SWS$^{+}$22]. **mesopredator** [RS20]. **mesoscale** [ACE$^{+}$22]. **mesotrophic** [TMM$^{+}$20]. **Mesozooplankton** [CDA$^{+}$20, GNO22, SSM21b]. **meta** [BR22, CSM$^{+}$23, MZR$^{+}$25, PHM21]. **meta-analysis** [MZR$^{+}$25]. **meta-barcoding** [CSM$^{+}$23]. **meta-ecosystem** [PHM21]. **meta-ecosystems** [BR22]. **Metabolic** [Ano21a, DMC$^{+}$22, GSG$^{+}$17, BMR$^{+}$21a, CYPRG$^{+}$23, FUJE24, MSG$^{+}$22, MGGRR$^{+}$21, OSK$^{+}$24, ZCQ$^{+}$24]. **Metabolism** [RRHS$^{+}$21, BBMD20, BYS$^{+}$23, BCL$^{+}$22, BHA$^{+}$22, CB21b, CZK$^{+}$23, EDC24, EJRRC$^{+}$23, HHK$^{+}$22, KVKS22, LAD$^{+}$22, LRdGFP23, MA21, MGWS23, MRT$^{+}$24, PHB$^{+}$22, Phi20, Phi21, RVS$^{+}$22, SBB20, TCP$^{+}$22, WCC20]. **metabolisms** [CAN$^{+}$24]. **Metabolite** [JLS$^{+}$20, JSL$^{+}$23, YZX$^{+}$24]. **metabolites** [LSS$^{+}$24]. **metabolome** [BMGK22]. **metacommunity** [GGHBS$^{+}$20, GGLH$^{+}$22]. **Metagenomics** [BVM$^{+}$20, Kir20, BWV$^{+}$20, GMMW20, MVBG20]. **metal** [DBB$^{+}$21]. **metalimnion** [Ano21a, GSG$^{+}$17, HMOY25]. **metals** [BBA$^{+}$23, HKM$^{+}$20, KDZ$^{+}$24, WOMWR20]. **Metamorphosis** [BFCC$^{+}$21]. **metapopulation** [GRJ20]. **metatranscriptomes** [LABM20]. **Meteorological** [AH20]. **meter** [BKMY21]. **Methane** [LVDM22, LDS$^{+}$20, YWZZ20, AHCF22, AWB$^{+}$23, AGC$^{+}$21, BVL$^{+}$23, BBH$^{+}$20, CMdlPÁS$^{+}$24, DHNH22, GMI$^{+}$21, GPK$^{+}$21, GKW$^{+}$20, GKW$^{+}$21, HGMK22, HNS21, KTP25, KWS$^{+}$21, LHD$^{+}$20, LPA$^{+}$23, MWHR$^{+}$22, PSK21, RHA$^{+}$23, RWT$^{+}$21, RSH$^{+}$20, SPBK21, STB$^{+}$24, SBW$^{+}$20, SSM$^{+}$22b, SZY$^{+}$20, TKS$^{+}$20, TMM$^{+}$20, VJS$^{+}$20, VJH$^{+}$22, YOXC23, ZLL$^{+}$24, vGDH$^{+}$21]. **methane-derived** [TKS$^{+}$20, vGDH$^{+}$21]. **methanogen** [BBH$^{+}$20]. **methanogenesis** [BVL$^{+}$23, SSM$^{+}$21a]. **Methanogens** [EJM$^{+}$23]. **methanotroph** [vGDH$^{+}$21]. **method** [LAB$^{+}$22]. **methylating** [CBB$^{+}$22]. **methylmercury** [BC20, TKW$^{+}$23, YJB$^{+}$20]. **Methylobacter** [vGDH$^{+}$21]. **Methylotenera** [vGDH$^{+}$21]. **methylotroph** [vGDH$^{+}$21]. **metric** [KKA22]. **metropolitan** [RTM$^{+}$21]. **Mexico** [KPS21, MLP$^{+}$21a, PMRG20, WSZ22a, WSZ22b, YMSH20]. **Meyer** [Ano21b]. **Meyer-Kaiser** [Ano21b]. **Michigan** [CTP21, RPA$^{+}$22]. **micro** [MMLPRHCG22]. **micro-computed** [MMLPRHCG22]. **microalga** [GAS$^{+}$21, RGW$^{+}$23]. **microalgae** [BLS20, WRHR22]. **microalgal** [SRM23]. **microbe** [TKH21]. **microbes** [BRB$^{+}$20, BFE$^{+}$20, LABM20, ST22, TSX$^{+}$23]. **Microbial** [BRB$^{+}$20, MAD$^{+}$22, RvHF$^{+}$20, RCS$^{+}$20, BHSG$^{+}$20, BSGA21,

BCY+24, BGG+20, BWV+20, BMLV24, BZK+22, CYPRG+23, CLC+22, CGL+21, CAN+24, CB25, DBB+21, DCF+22, FAB+20, FPG+24, FLW+21, GM22, GMMW20, GPK+21, HBY+22, HZZ+25, HMB+20, HLS+22, IMB+22, KHSP21, LD22, LZD+23, MVBG20, MCYR20, OSK+24, OBB+20, OYM+20, PWS+20, RLL+21, RBAC+20, SBB20, SB20, SGSD+22, TMS+21, VGSB23, VKGW22, VJH+22, XKP+22, XTJW21, ZR23, ZTT23, vEMF+20]. **microbialite** [IMB+22, MVBG20]. **microbialite-bearing** [IMB+22]. **Microbially** [ZCZ+23]. **microbiology** [JLMW21]. **Microbiome** [CYZZ+20, GMD+24, HMM+22, SSS+24]. **microbiomes** [HZZ+20, XTL+20]. **microcrystals** [LN21]. **microcystin** [CWF+22]. **Microcystis** [CLC+20, CLC+21, MDP+23]. **microenvironment** [EWGP22]. **microenvironments** [EBW+20]. **microevolutionary** [ZZCD23]. **microfocus** [IKN+21]. **microheterogeneity** [KHSP21]. **microorganisms** [CBB+22, CKH+21, EPR+24, MGG+24, SSC+25, ZCQ+24]. **microphytobenthos** [DvOH+20, ORE20]. **microplankton** [KHHZ20]. **Microplastic** [BZSF23, DWR+23, EAF+22]. **microplastics** [GLM+23, KWB21]. **Microscopy** [CBN21, KAC+23]. **microsporidian** [CML23]. **Microzooplankton** [MMG+21, RHSK24, CHA+24a, LCZ+21, LNC+23]. **Mid** [KCT23, RHM+21, ZMS+24]. **Mid-Atlantic** [ZMS+24]. **mid-latitudes** [RHM+21]. **Mid-summer** [KCT23]. **midlatitude** [BAHH+20]. **midwater** [VSB+23]. **Midwest** [BJG+22]. **Migrating** [OSK+24, PJRV23]. **migration** [BJS23a, BBM21, GNO22, PRL+25, TGE+21, WSZ22a, WSZ22b]. **millennial** [KSH+23, vHLV+20]. **millennial-aged** [KSH+23]. **mimics** [GLN+20]. **mine** [BWV+20]. **Mineral** [EBW+20, PYY+20, SdBW+23, VJS+20]. **mineral-bound** [SdBW+23]. **mineral-soil** [VJS+20]. **mineralization** [LMM+21, vEMF+20]. **Minerogenic** [MKM+23, KBB+22, PGW25]. **minima** [SCT+21]. **minimum** [CCK+21, GBSVJR+24, THL+21, WRA+23, LZG21]. **mining** [CLGH23, LMS+21, OBB+20]. **minute** [GK22]. **missing** [VGSB23]. **Mississippi** [GBHF21, LTH21, Roy20, TMSL22]. **mitigate** [SSEO21]. **mitigates** [MDWT+22]. **mitigating** [PCC+24]. **mixed** [SBW21, SSB+22]. **Mixing** [CM20b, EPR+24, YWLY20, AVS+22, GK22, HMOY25, HPP+21, IFU+20, LLC+23, LXC+21a, NH22, PFH21, PW22, SSN+24, WSC+25, ZSF+23]. **Mixing-driven** [EPR+24]. **mixoplankton** [GM22]. **Mixotrophic** [GDB20, AH20, ELS23, KIB+24, LES+21]. **mixotrophs** [FDB24]. **Mixotrophy** [TCS21, BH21]. **mixtures** [FDHS20]. **Mn** [BYB+23, CLD+23, dCLO+23]. **Mn-oxidizing** [CLD+23]. **Mnemiopsis** [CCG+22]. **mobility** [ZGdS+24]. **Model** [OLR+23, BST+22, CYPRG+23, DFJ22, DK20, GMNG+24, GCS+24, GMI+21, HPF+23, HDS+20, IFU+20, LZG21, LTLH22, PSNS22, WRA+23, WSZ22a, WSZ22b, ZLN21]. **Modeled** [LAB+22, MURK20]. **Modeling** [CLGH23, GLM+23, LVHK20, PC21, SBB20, YGD+21, APB+23, Ano24b, BSF+21, BR22, BHN+24, Bri24,

KBSA21, MAG$^{+}$22, PS24, PVH24, PHB$^{+}$22, WRMP22]. **models** [KSF$^{+}$23, LCMG$^{+}$20, MBD$^{+}$23, RPA$^{+}$22, WMTJW22]. **Moderate** [CHA$^{+}$24a, MHD$^{+}$22]. **modern** [SLHL$^{+}$22, vHLV$^{+}$20]. **modification** [GÖA$^{+}$23, NTJ$^{+}$20, TCP$^{+}$22]. **modified** [KFHS24, RCMA21, YDM$^{+}$25]. **modifies** [MZ25]. **modify** [FÖJ$^{+}$24, MK21]. **modular** [MMLPRHCG22]. **modulate** [CXK$^{+}$25, SMF20, WWFS21, ZBNH$^{+}$21]. **modulated** [GR24]. **modulates** [ABC$^{+}$21, KSMCL24, KKP$^{+}$21, WOT$^{+}$23]. **modulating** [JREVB21, TGE$^{+}$21]. **modulation** [CHAA21]. **Molecular** [LD22, SB20, BGM$^{+}$21, CLC$^{+}$22, HDS$^{+}$20, MGC$^{+}$20, ZYZ$^{+}$21]. **molecules** [LPO$^{+}$20, ZLW$^{+}$21a]. **molybdenum** [FSH$^{+}$23]. **Monitoring** [ASL$^{+}$24, BCWS23, FJP$^{+}$21, THS21]. **monocultures** [FDHS20]. **monomictic** [GWS$^{+}$21, SGS22, XTL$^{+}$20]. **montane** [LHL$^{+}$21]. **Monterey** [FHMK20, TRS$^{+}$20]. **month** [GWS$^{+}$21]. **monthly** [IOS24]. **moon** [OLR$^{+}$23]. **mooring** [MMF$^{+}$24]. **Morocco** [NEB$^{+}$22]. **morphological** [BEM$^{+}$25, GWS$^{+}$21]. **morphologically** [BRCO21]. **Morphology** [BRHS20, MDWT$^{+}$22, OBL21, SRN$^{+}$21, SGM$^{+}$22]. **mortality** [CCC$^{+}$21, KSI24, SH22, Wei24]. **mosaic** [CEW$^{+}$21, LTW$^{+}$24]. **mostly** [MBH$^{+}$23]. **motion** [JvKvT$^{+}$20]. **Mountain** [VMT$^{+}$24, CCA$^{+}$21, CGGC$^{+}$21, CESS21, ESW$^{+}$21, GGDB25, JSPS24, MHVC22, OCCW24, PFB$^{+}$22, WK21]. **Mountains** [VMT$^{+}$24]. **mouths** [EST$^{+}$24]. **movement** [TJH$^{+}$25]. **Moving** [FDF$^{+}$21]. **Mu** [CLGH23]. **mucus** [BH21, ZCQ$^{+}$24]. **Mud** [MEQBV20]. **Mud-associated** [MEQBV20]. **muddy** [CGD22, MHG$^{+}$23]. **Multi** [FR23, YZX$^{+}$24, ZSZ$^{+}$21, GCEM$^{+}$23, vHLV$^{+}$20]. **multi-millennial** [vHLV$^{+}$20]. **Multi-omics** [YZX$^{+}$24, ZSZ$^{+}$21]. **multi-taxon** [GCEM$^{+}$23]. **Multi-year** [FR23]. **multiarm** [ILPL20]. **multibasin** [ILPL20]. **multibeam** [PSY$^{+}$22]. **Multiclonal** [LBvE23]. **Multidecadal** [KLO23, BJG$^{+}$22]. **multifactorial** [WBB$^{+}$21]. **Multigenerational** [dJGCS23]. **multilake** [DMM$^{+}$21]. **Multiple** [DFF$^{+}$24, KBvdD$^{+}$20, CBPNA22, CESS21, GBW24, GCP$^{+}$25, HHMH22, HMBB21, KDV$^{+}$23, LHL$^{+}$21, MVP$^{+}$20, WPO$^{+}$22, ZJ22b]. **Multiscale** [SCM22]. **multistressor** [DK20]. **multitasking** [GM22]. **multitrophic** [BPG$^{+}$22]. **multivariate** [ZJ22a]. **multiyear** [SGS22]. **mussel** [NTJ$^{+}$20]. **mussels** [LGQ$^{+}$21]. **mutualistic** [FPBG$^{+}$22]. **mysid** [BWSW24]. **Mytilus** [NTJ$^{+}$20].

**N** [SSN$^{+}$24, WYY$^{+}$24, ZLW$^{+}$21a, AAC$^{+}$21, AFH$^{+}$22, BSGA21, DRA$^{+}$23, HBS$^{+}$22, HZC$^{+}$24, HMB$^{+}$22, LLL$^{+}$23, LTLH22, MLL$^{+}$21, SCC$^{+}$21, SOWP24, SWS$^{+}$22, SWV$^{+}$24, TZF$^{+}$22, hTRH20, WWGP21]. **N-containing** [ZLW$^{+}$21a]. **nano** [KKP$^{+}$21]. **nano-diatom** [KKP$^{+}$21]. **nanoflagellate** [LES$^{+}$21]. **nanoflagellates** [STAK22]. **nanoparticle** [YPF$^{+}$23]. **nanoplankton** [KPS21]. **nanoscale** [XSZ$^{+}$21]. **narcomedusa** [VSB$^{+}$23]. **narrow** [SLJ$^{+}$22]. **national** [PATL$^{+}$23]. **national-scale** [PATL$^{+}$23]. **native** [BDMGH$^{+}$23, HSP$^{+}$20, LCS$^{+}$20, MWV22, WTvD$^{+}$22]. **Natural**

[FBK$^+$22, AFM23, CTM$^+$21, DVL$^+$23, HAC$^+$24, HBR$^+$22, LMSN23, NDP$^+$24, NCO$^+$24, RBL$^+$20, SdBW$^+$23, vHLV$^+$20]. **naturally** [MNMJ$^+$21, SSB$^+$22]. **Nature** [LSW$^+$20a, STO$^+$24]. **Nature-based** [STO$^+$24]. **Near** [FLA25, PMD$^+$23, RBAC$^+$20, CON$^+$24, KPS21, NCC$^+$21, SBV$^+$21]. **Near-bed** [PMD$^+$23]. **Near-field** [FLA25]. **nearly** [YG23]. **nearshore** [MOW$^+$22, MK21, SO23, SOT$^+$20]. **need** [SBP$^+$25]. **negates** [WM20]. **negative** [MDWT$^+$22, SSEO21]. **neglected** [ZZL$^+$21]. **negligible** [AHCF22]. **neighboring** [ZvBZ$^+$20]. **Neogoniolithon** [GTKW$^+$20]. **neogracile** [KMM$^+$22]. **Neotropical** [BWB$^+$22]. **neritic** [CPBJR$^+$21]. **nerka** [ASH$^+$20]. **Net** [CB21b, MSG$^+$22, BBCA$^+$21, CBC$^+$22, FMMD$^+$25, LSDA21, ZLL$^+$21]. **network** [AFH$^+$22, Bri24, GRJ20, LWS$^+$22, MHSL22, PSE$^+$20, RVS$^+$22, SLRS$^+$24, WMTJW22]. **network-scale** [SLRS$^+$24]. **networks** [BGAD$^+$22, DPB$^+$23, LGF22, SJH20, ZZT$^+$21]. **neural** [SJH20]. **neutrally** [FGO$^+$20]. **Nevada** [CM20a]. **newly** [STO$^+$24]. **Ni** [LTLH22, hTRH20]. **Niche** [TKA21, BO20, BHN$^+$24, CYPRG$^+$23, CHA$^+$24b, CUS21, CGB$^+$21, EJM$^+$23, HCH$^+$24, KKP$^+$21, LTJ$^+$20, MCYR20, SSS$^+$24]. **niches** [DCAB24, Gil22, RFB$^+$22, ŚWKS$^+$25, SHZ$^+$21]. **nifH** [MBD$^+$22]. **night** [KGG$^+$23, MLG$^+$20, vdPAV$^+$20]. **Niño** [WRS$^+$22]. **nitracline** [LFBS24]. **Nitrate** [AWGV20, LXC$^+$21a, vGDH$^+$21, BVM$^+$20, CEW$^+$21, CYT$^+$24, CDW$^+$24, LTH21, RWS$^+$22, SZA$^+$21, WRS$^+$22, WAPC20, XLN21, ZZJ$^+$25, ZMS$^+$24]. **Nitrification** [LMC$^+$21, HRK$^+$22, HGF$^+$21, PCC$^+$23, SWB$^+$20]. **nitrifier** [ZMS$^+$24]. **nitrifiers** [BMCS23]. **nitrite** [ETMD23]. **Nitrogen** [AHCJ$^+$20, JHSG$^+$24, LLTT$^+$24, SWS$^+$22, WLK$^+$21, ABS$^+$21, ARBvS$^+$21, AMO20, AVS$^+$22, BRB$^+$20, BDL$^+$21, BKMY21, BRM$^+$23, CXK$^+$25, CBF$^+$23, CDW$^+$24, CLM25, DWW$^+$21, DWS$^+$22, FBP20, FPB$^+$23, GBO$^+$20, HRK$^+$22, HHMH22, HANW21, HSBC20, HSD$^+$20, HMB$^+$22, KTA$^+$21, KRC23, KHHZ20, LDGB$^+$23, LTH21, MRC$^+$24, MNM$^+$21, MLL$^+$21, MCYR20, ORE20, PCC$^+$24, PMZ$^+$25, RGP$^+$22, REvdMO24, RS21, Roy20, STB22, SMW$^+$21, SWZ$^+$23, SHE$^+$21, SML21b, SLZ$^+$21a, SSR$^+$23, SWV$^+$24, TFI$^+$24, THVJ23, VWR$^+$23, WWFS21, WRS$^+$22, WDS$^+$23, WKRL$^+$23, YG23, YAE$^+$24, ZQB$^+$21, ZBNH$^+$21, ZFQ$^+$20, ZMS$^+$24, ZXZ$^+$23]. **nitrogen-enrichment** [HHMH22]. **nitrogen-fixing** [CXK$^+$25, FBP20, YG23, ZFQ$^+$20]. **nitrogenase** [LTLH22]. **Nitrous** [TTC$^+$22, AHCF22, BBWB24, CMdlPÁS$^+$24, FSS$^+$23, HBR$^+$22, LMC$^+$21, LPMBR23, RTM$^+$20, RTM$^+$21, WLK$^+$21, ZZO$^+$21]. **No** [CSH21, CBS$^+$21, PPB$^+$21]. **nocturnal** [MDIY23]. **nodosa** [JREVB21]. **noise** [TJH$^+$25]. **Non** [FBP20, HMB$^+$22, ZXZ$^+$23]. **non-algal** [ZXZ$^+$23]. **Non-cyanobacterial** [FBP20]. **non-N-fixing** [HMB$^+$22]. **nonindigenous** [TCB25]. **Nonlinear** [BJG$^+$22, RFW$^+$24, SPHH22, HHK$^+$22, LHH24, PRS$^+$20]. **nonphotochemical** [CGB$^+$21]. **Nonrandom** [GMS21]. **nonvisual** [BBM21].

**North** [BYB$^+$23, EBK$^+$20, ETMD23, FSS$^+$23, THT$^+$20, LAD$^+$22, MLC$^+$21, SML21b, AHCJ$^+$20, ADLW22, BMR$^+$21a, BAD$^+$21, BAHH$^+$20, CHA$^+$24a, CKH$^+$21, CJB$^+$21, DNB$^+$20, DWS$^+$22, DNA$^+$22, ETG21, FDF$^+$21, FIH$^+$20, GFW$^+$20, HBG$^+$22, HYPG$^+$22, JSE$^+$25, KBvdD$^+$20, LTJ$^+$20, LNC$^+$23, MWV22, MMG$^+$21, NvBE$^+$21, PDK$^+$23, RPKC22, RGE$^+$24, SBW$^+$20, SSM$^+$22a, SAD$^+$20, TFI$^+$24, TKA21, WF22, WRS$^+$22, YWZZ20, YWZ$^+$21, YAE$^+$23, YAE$^+$24, ZBNH$^+$21]. **North-Atlantic** [BMR$^+$21a]. **north-temperate** [MLC$^+$21]. **Northeast** [GdJA$^+$25, PYY$^+$20, GCP$^+$25, KMV$^+$20, SWC$^+$23, ZZB$^+$20, MMF$^+$21, SPKM22, SSM21b, ZZJ$^+$25]. **Northern** [MURK20, Ano24a, BTK$^+$21, CLG$^+$24, CDA$^+$20, CZK$^+$23, FSM$^+$21, JSB$^+$20, KHB22, KPL$^+$20, KBL$^+$20, MHP$^+$23, NEB$^+$22, RSH$^+$20, RSP$^+$24, VMT$^+$24, CMT$^+$20]. **northwest** [LSCL21]. **northwestern** [BDL$^+$21, KPS21, LSS$^+$24, MZXY22, MY23, MLP$^+$21a, YMSH20, SWS$^+$22]. **novel** [APB$^+$23, Ano24b, ASL$^+$24, GLN$^+$20, HGH$^+$21]. **novo** [DNA$^+$22]. **novo-discovery** [DNA$^+$22]. **nuisance** [GAS$^+$21, RS21]. **null** [LD22, SB22]. **numbers** [ZR23]. **numerical** [GMNG$^+$24]. **nursery** [GPDA$^+$20]. **Nutrient** [BYS$^+$23, BS20, BAHH$^+$20, BVGQN22, LSDA21, NSK$^+$21, PLC$^+$24, PKKS20, VMT$^+$20, VWR$^+$23, AWGV20, ALH$^+$21, BGM$^+$21, BRM$^+$23, CAV$^+$22, CFC$^+$20, CLGH23, CM21, CMB$^+$21, DCF$^+$22, DKBG21, DKPS23, EFC$^+$23, FMT$^+$20, FBV23, FÖJ$^+$24, GGS$^+$21, HAC$^+$24, HSBC20, HCS$^+$21, JOC$^+$20, JLW$^+$23, JHvL$^+$23, KRB$^+$21, KHK$^+$22, KIB$^+$24, KRBF25, LLC$^+$23, LBG$^+$22, LZM$^+$21, LLGP24, LSCL21, MAP$^+$22, MSJ21, MRT$^+$24, OBL21, OGRS$^+$25, PBC21, PCC$^+$24, PHM21, RLL$^+$21, RBL$^+$20, RBSB22, SDL22, TBH$^+$22, VST$^+$22, WHAR$^+$20, WTS$^+$25, XMP$^+$21, YvdHC$^+$20]. **nutrient-limited** [OGRS$^+$25]. **Nutrients** [MGGRR$^+$21, AFK$^+$22, FAB$^+$20, KFHS24, LNC$^+$23, PS24]. **Nutritional** [JLR$^+$22, VKK$^+$21]. **NW** [GBB$^+$21].

**O** [AFH$^+$22, DRA$^+$23, EBW$^+$20, MGG$^+$24, TZF$^+$22, WYY$^+$24, WMRL22]. **O'ahu** [CON$^+$24]. **obliquus** [ZSZ$^+$21]. **Observation** [CLA$^+$24]. **Observations** [KTH$^+$21, ZYZ$^+$21, APB$^+$23, Ano24b, CSGI$^+$24, CSM$^+$23, FIH$^+$20, MBD$^+$23, WDG$^+$21, WGK$^+$24b]. **observatory** [MKBSK19]. **Observed** [KdED$^+$20, HDD$^+$22, NH23, SLZ$^+$21b]. **occupancy** [CGB$^+$21]. **occupation** [CYPRG$^+$23]. **Occurrence** [XYZ$^+$21, MZW$^+$21, MHSL22, ZZT$^+$21]. **occurring** [MWHR$^+$22, VGvdB$^+$21]. **occurs** [MBH$^+$23]. **Ocean** [ARPFGS23, RLP$^+$20, SSEO21, YAP$^+$22, ARB$^+$22, BH24, BFW$^+$22, CSD$^+$24, CSM$^+$23, DKPS23, GM22, GLAHH$^+$23, HDS$^+$20, HAB$^+$24, JHS$^+$21, KLO23, KTH$^+$21, LD22, LXC$^+$21a, LBL$^+$24, MO23, MLP21b, MBD$^+$23, MCS$^+$23, MFGF$^+$22, NSK$^+$21, OSR20, ORRMD$^+$21, PKV20, RBD22, SBD$^+$21, SSH$^+$22, SB20, SHZ$^+$21, TNK$^+$22, TKH21, WWB$^+$20, YEF$^+$24, YXC$^+$22, YZX$^+$24, ZLU$^+$20, dCLO$^+$23, dJSS24, ADLW22, BSGA21, BDL$^+$21, BRCO21, BDE$^+$22, BLRM24, BBA$^+$23, CGL$^+$21, CKH$^+$21, CLD$^+$23, CBC$^+$22, DFW$^+$20, EBK$^+$20, ETMD23, GdJA$^+$25, HCB$^+$22, IKN$^+$21, IJSC20, JSE$^+$25, JSL$^+$23, LGI$^+$20, LWvdM$^+$21, LL23, MT23, MSB$^+$22, MPW$^+$23, MLT$^+$21, MGC$^+$20, PDK$^+$23, PGN$^+$21, RKBT$^+$23, SBM$^+$21, SORGC$^+$21, SWC$^+$23, SHE$^+$21, SJJ$^+$21, SBW$^+$20, SSM21b, SAD$^+$20, TMS$^+$21, WRS$^+$22, XKP$^+$22, XYZ$^+$21, YSHS23, YAE$^+$24, ZZO$^+$21, ZXE$^+$23, ZYW$^+$24]. **ocean-** [DKPS23]. **Oceanic** [CCG$^+$22, FIM$^+$22, OMM21, CCK$^+$21, CDH$^+$21, CBD$^+$23, DLL20, EHC$^+$22, KTH$^+$21, KP20, MCH$^+$21, SSN$^+$24, WKRL$^+$23, ZZHZ23]. **oceanica** [AAC$^+$21, CB21b]. **Oceanogr** [Ano21b]. **Oceanographic** [MT23, CZS$^+$22, FJP$^+$21, GSD$^+$23, STB$^+$24, SSA$^+$23, TKA21]. **Oceanography** [Ano21a, Kir20]. **oceans** [SSB$^+$22, WSLC22, YEF$^+$24, ZCZ$^+$23, BCA$^+$20, GRJ$^+$22]. **octocorals** [PMF$^+$21]. **off** [BK20, SVBT20, YGD$^+$21]. **offs** [BH21]. **offsets** [BS20, JOC$^+$20]. **offshore** [CTP21, KLO23, KPS21]. **Ohrid** [VMT$^+$20]. **Oikopleura** [MLS$^+$21]. **Okhotsk** [ZZO$^+$21]. **old** [MHVC22]. **oligomesotrophic** [KHSP21]. **oligotrophic** [CHP$^+$24, CM20a, DdEM$^+$23, EPR$^+$24, HSB$^+$20, KMK$^+$24, LLL$^+$23, LXC$^+$21a, MHD$^+$22, MOW$^+$22, RBSV$^+$24, RCS$^+$20, SGGB21, SBL$^+$21, SDB$^+$23, SRL$^+$20, SGM$^+$21, TWM$^+$25, WSLC22]. **oligotrophication** [MHSL22, SDS$^+$23]. **omics** [YZX$^+$24, ZSZ$^+$21]. **Omnivorous** [CSNS24, KGG$^+$23, NDP$^+$24]. **omnivory** [BOC$^+$21]. **Oncorhynchus** [ASH$^+$20]. **one** [ZZCD23]. **only** [PCC$^+$24]. **onset** [Aus24, ZZL$^+$21]. **Ontogenetic** [SBP$^+$25]. **Ontogenic** [PWS$^+$20]. **open** [HJWP24, PKV20, SPKM22, YEF$^+$24]. **open-coast** [SPKM22]. **Opening** [SO23]. **operationally** [LHMR23]. **opportunities** [BR22, MBD$^+$23]. **opportunity** [OJUN23]. **Optical** [ADLW22, BHG$^+$24, BH24, EJRRC$^+$23, LSW$^+$20a]. **optically** [BGG$^+$20]. **optimization** [TVB$^+$21]. **Optimizing** [FGP22]. **Oregon** [EFG$^+$24]. **Organic** [BAG$^+$24, CB25, HSLB25, HLS$^+$22, KHCG$^+$22, PUH$^+$23, PGN$^+$21, VWR$^+$23, AVJ$^+$24, ABS$^+$21, AKT$^+$21, AMC21, BCY$^+$24, BMR$^+$21a, BCWS23, BMCS23, BSF$^+$21, BPIBN20, BBH$^+$20, BAD$^+$21, BJK$^+$21, BGG$^+$20, BYS$^+$23, BDL$^+$21, BJG$^+$22, BZK$^+$22, BGM$^+$21, CPB$^+$21, CTP21, CGC$^+$21, CLC$^+$22, CLM25, CM21, CCDM21, DVL$^+$23, DAP$^+$24, DdEM$^+$23, DLC$^+$22, EJRRC$^+$23, FAB$^+$20, FUUG$^+$21, FXD$^+$22, GDB20, GGDB25, GMI$^+$21, GAS$^+$23, HGDW24, HCB$^+$22, HZM$^+$21, HOB$^+$22, HHK$^+$22, HCS$^+$21, HP20, JSB$^+$20, KMZ$^+$24, KAP$^+$20, KDZ$^+$24, KBB$^+$22, LBBM21, LRdGFP23, LMM$^+$21, LNR$^+$20, LDGB$^+$23, LDGB$^+$24, LD22, LSC$^+$21, LTH21, LZD$^+$23, LXC$^+$21b, LPO$^+$20, LLTT$^+$24, MZR$^+$25, MGL22, MEQBV20, MRH$^+$23, MRD$^+$21, MSSBR24, MNMJ$^+$21, PBC21, PSNG$^+$21, PGW25, PWS$^+$20, PC21, PNT$^+$21, RvHF$^+$20, RLP$^+$20, RCMA21, REvdMO24, RBR$^+$23, SVMM$^+$22, SSS$^+$24, SB20, SB22, SZA$^+$21, SOT$^+$20, SEK20, SSWM20]. **organic** [SCB$^+$20, SGS22, SGSD$^+$22, TSX$^+$23, VST$^+$22, WBAG24, WCC20, WOK$^+$21, WXK$^+$22, YGD$^+$21, ZCZ$^+$23, ZJW$^+$22, ZLW$^+$21a, ZZT$^+$21, ZYZ$^+$21, ZZB$^+$20, dMKB$^+$20]. **organisms** [FGO$^+$20]. **organization**

[KPNJ23]. **organized** [FSdS+24]. **origin** [MRD+21]. **original** [LHH24]. **origins** [FSdS+24, KMZ+24, LNR+20]. **Orkney** [MSGW+20]. **orthophosphate** [RHS+22]. **oscillating** [JYA21]. **Oscillation** [LDB+21]. **oscillations** [KRBF25, SGS22]. **oscillatory** [MDBI20]. **ostracod** [ZYW+24]. **other** [GFW+20, LES+21, WWFS21]. **Otolith** [DAB+21]. **our** [MVBG20]. **outcomes** [HH24]. **outcompete** [RHS+22]. **Outwelling** [KDZ+24]. **Overestimation** [GE22]. **overgrowth** [RMH+22]. **overland** [BS25]. **overlying** [XLN21]. **overrides** [RRHS+21, YG23]. **overview** [SPHH22]. **oxic** [CYZZ+20, GKW+20, GKW+21, HGMK22, TMM+20, XLN21, YWZZ20]. **oxidation** [ACA+22, FSS+23, GPK+21, LVDM22, LPO+20, LPA+23, MSB+22, MWHR+22, RRHS+21, RSH+20, SHE+21, SSM+22b, SZY+20, THL+21]. **oxidative** [MRT+24]. **oxide** [AHCF22, CMdlPÁS+24, FSS+23, HBR+22, LMC+21, LPMBR23, RTM+20, RTM+21, TTC+22, WLK+21, ZZO+21]. **oxidizing** [CLD+23]. **Oxygen** [BKMY21, CBB+22, HJWP24, SMCS23, AHCJ+20, BW25, BYB+23, CCK+21, CGGC+21, CKCB+23, CBD+23, DPB+23, DNA+22, EBK+20, FUJE24, FIH+20, GB23, GBSVJR+24, KDV+23, Lem20, LHGJ21, LSW+20b, MHG+23, MP23, MDIY23, PCJ+21, QRWT+22, RWMP+23, SJH20, SMW+21, SSM+22a, SSWM20, SEG21, SCB+20, SCT+21, THL+21, WLK+21, WRA+23, WSC+25, YWLY20, YIS+24]. **oxygen-consuming** [SCB+20]. **Oxygen-controlled** [BKMY21]. **Oxygen-deficient** [CBB+22, AHCJ+20, BYB+23, CKCB+23, DNA+22]. **oxygenated** [LDS+20]. **Oxygenation** [BPL22, HBR+22]. **oxygenized** [HPNU20]. **oyster** [CCC+21, HLS+22, WSB+20]. **oysters** [HSP+20, MDWT+22].

**P** [LPMBR23, MLL+21, SSN+24]. **Pacific** [ADLW22, CKH+21, ETMD23, HYPG+22, JSE+25, PDK+23, RPKC22, SSM21b, SAD+20, WRS+22, ZBNH+21, AHCJ+20, BSGA21, BYB+23, BCA+20, CJB+21, CBC+22, DWS+22, DNA+22, DFW+20, EBK+20, FDF+21, FSS+23, FIH+20, GCP+25, GFW+20, HDK+21, HOB+22, KMV+20, LLK+22, LWC+24, LSCL21, LNC+23, MZXY22, MY23, MMG+21, SMW+21, SWC+23, SOT+20, TKA21, WOK+21, XYZ+21, YAH+21, YWZZ20]. **Page** [Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano20m, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano21n, Ano21o, Ano21p, Ano22a]. **Paired** [BBGM20]. **paleo** [SWV+24]. **paleo-proxy** [SWV+24]. **paleoceanographic** [RWL+24]. **paleoclimate** [THT+20]. **paleolimnological** [BLS+22, GTMC25]. **Palmer** [NCC+21]. **Pan** [PVH24]. **Pan-Arctic** [PVH24]. **Panulirus** [BFCC+21]. **paradigm** [GM22]. **Paradox** [GVF+23, BVL+23]. **Parameter** [SBCF24]. **parameters** [HZC+24, KTWGT20]. **parametrization** [PC21]. **parasite** [DMCW23, LEB21, ONH+20]. **parasites** [CML23, DMCW23, FWT+20].

**parasitic** [KSN+21]. **parasitism** [BDMGH+23]. **Parent** [CSH21]. **Parental** [MDWT+22]. **particle** [AVS+22, BSGA21, CZS+22, CBN21, FLA25, GEHD20, JSW+21, KSR20, KBvdD+20, LBL+24, RGE+24, RPA+22, WPY+20, WDS+23]. **particle-associated** [BSGA21, WPY+20]. **particles** [CKH+21, CBN21, DBB+21, DLL20, JLS+20, LG21, MGG+24, SWC+23, SAD+20, WF22, YEF+24]. **particular** [GMI+21]. **Particulate** [JSL+23, CLD+23, DAP+24, FUUG+21, HCB+22, HCS+21, KMZ+24, RMW+21, SOSN23, SOT+20, ZCZ+23, ZBNH+21]. **Partitioning** [BHA+22, HLKD23, HCH+24, MGG+24, SSS+24, SCB+20, TKA21, YEF+24]. **passing** [KX22]. **past** [MFM+21, SSL22, SLHL+22]. **patchiness** [dSMPC24]. **pathway** [KP20, SWZ+23, WDL+24]. **pathways** [BSIdG23, BMGK22, MMG+21, ZSZ+21, vEMF+20]. **pattern** [ZZO+21]. **Patterns** [BMB22, BMR+25, KRC23, WPY+20, BJS23a, BMR+21b, BMLV24, BFE+20, BRB+22, CGB+21, FSdS+24, GCW+23, GBC+20, HGDW24, HEH+20, HCS+21, HABL+21, JREVB21, LABM20, LSS+24, MHdS+21, MZW+21, MGGRR+21, NGSS23, PATL+23, PLB+21, QMG21, RRH+24, Roy20, RBSB22, SVBT20, SPBK21, TJH+25, VMP+21, WWGP21, vLWV+20]. **pCO** [CGR22, CCB+20, EDC24, EWGP22, GPB+20, MDWT+22, NB20, QBJG21, RGW+23, TMS+21, VKB+22, WRHR22, WDG+21]. **Peak** [TMSL22]. **peaks** [SSH+22]. **Pearl** [YGD+21]. **peat** [BCWS23, KRM+20]. **peatland** [DdEM+23, FSM+21, KSH+23, TKW+23]. **peatland-rich** [TKW+23]. **peatlands** [FSM+21]. **Pelagic** [HBS+22, RSH+20, ST22, WRHR22, BZSF23, BEM+25, ChHC+24, CJB+21, CHA+24b, FWT+20, HCH+24, HGF+21, KPL+20, KLG+23, MBLA+21, MLT+21, NvBE+21, PVSP+22, VCT+23, VKK+21, VGSB23, VKGW22, WKCR25]. **pellet** [DGD+24, SSM21b]. **pellets** [DMS+21, MLS+21]. **penguin** [CFC+20, NCC+21]. **Peninsula** [BBL+21, CFC+20, CMT+20, JWAvD+22, MHP+23, NGSS23, SGSF20]. **peptidomic** [DNA+22]. **perennially** [LDS+20, SSM+21a]. **performance** [BDMGH+23, BFW+22, DWR+23, MSB+20]. **peri** [SDS+23]. **peri-alpine** [SDS+23]. **period** [ACA+22, KZK+25, XTL+20]. **Periodic** [NH23]. **periodically** [RWS+22]. **periodicities** [LDB+21]. **Periphyton** [FSM+21, VST+22, BHSL21, WK21]. **permafrost** [BMLV24, FBP20, LLC21, RRHS+21, TKW+23]. **permanently** [CKCB+23]. **permeable** [NKH+23]. **peroxide** [SGK+21]. **Persistence** [SBW21, BDC+24, GFT+24, GTNH25]. **perspective** [BLS+22, FIM+22, PS24, WGK24a, ZSZ+24]. **perturbations** [TMS+21]. **Peruvian** [THL+21]. **petrogenic** [BJK+21]. **pH** [BRV+25, CTM+21, CR25, CYT+24, EBW+20, GAS+21, HTLP23, JvKvT+20, JHS+21, JLR+22, KDV+23, MGP+21, MK21, MKD22, MNMJ+21, PCC+23, SBCF24, SCT+21, WDG+21, ZLU+20]. **Phaeodaria** [MNM+21]. **Phaeophyceae** [SBB+21]. **phagocytosis** [LOW+20].

**phagotrophy** [BH21]. **phase** [HLKD23, MLC$^+$21]. **phases** [CB21a]. **phenology** [CCA$^+$21, CHA$^+$24b, DNB$^+$20, GTNH25, HJB$^+$25, LAD$^+$22, MLP21b, vLWV$^+$20]. **phosphate** [MUGL20, SBW$^+$20, YIS$^+$24]. **phosphate-depleted** [SBW$^+$20]. **Phospholipid** [PKV20]. **phospholipids** [GVF$^+$23]. **Phosphonate** [SBW$^+$20]. **phosphorite** [PVB$^+$24]. **Phosphorus** [DGW$^+$21, AWGV20, AJMG21, AVS$^+$22, BPIBN20, BRM$^+$23, CXK$^+$25, CMY$^+$25, CLM25, DCK$^+$22, FPB$^+$23, GVF$^+$23, HSBC20, HPB$^+$21, KPM$^+$20, KTA$^+$21, MDP$^+$23, PCC$^+$24, QFM$^+$21, Roy20, RBR$^+$23, SGA$^+$22, SdBW$^+$23, SML21b, WBAG24, YIS$^+$24, YJ20, YAE$^+$24, ZFQ$^+$20, ZXZ$^+$23]. **phosphorus-only** [PCC$^+$24]. **photic** [LLL$^+$23, QBJG21, WCC20]. **photo** [RRHS$^+$21]. **photo-oxidation** [RRHS$^+$21]. **Photoacclimation** [MSD23, PFH21]. **photoautotrophic** [CKCB$^+$23, KFHS24]. **photochemical** [MGL22]. **Photodegradation** [BKC20]. **photogrammetry** [ASL$^+$24]. **photomineralization** [AKT$^+$21]. **photon** [MSD23]. **Photoperiods** [ŚWKS$^+$25]. **photophysiology** [ADLW22]. **photoprotection** [ARPFGS23]. **photoreactive** [KLP23]. **photostable** [KLP23]. **Photosynthesis** [GKW$^+$20, GKW$^+$21, GF21, RGW$^+$23]. **Photosynthesis-driven** [GKW$^+$20, GKW$^+$21]. **Photosynthetic** [SGSF20, YRC$^+$24, BRHS20, EHC$^+$22, FIH$^+$20]. **photosynthetically** [PC21]. **phototrophic** [LABM20]. **phycobiliproteins** [WWFS21]. **phycocyanin** [ŚWKS$^+$25]. **phycocyanin-** [ŚWKS$^+$25]. **phycoerythrin** [ŚWKS$^+$25]. **phycoerythrin-rich** [ŚWKS$^+$25]. **phycosphere** [JHSG$^+$24]. **phyllosomata** [BFCC$^+$21]. **Physical** [MBB$^+$20, BGM$^+$22, HMB$^+$20, KTH$^+$21, KBL$^+$20, LZG21, QRWT$^+$22, SORGC$^+$21]. **physically** [GCS$^+$24]. **physico** [BC20]. **physicochemical** [FWvA$^+$21]. **physicochemistry** [BCTH20]. **Physiological** [BHG$^+$24, BEM$^+$25, CT23, HDS$^+$20, Wei24, BTT23, HDK$^+$21, KTWGT20, RRH$^+$24, WRHR22, dJGCS23]. **physiology** [CR25, FPG$^+$24, MGC$^+$20]. **phytodetrital** [GdJA$^+$25]. **phytodetritus** [LMS23]. **Phytoplankton** [HBG$^+$22, LFBS24, PBC21, YAE$^+$23, AVJ$^+$24, ARPFGS23, AFK$^+$22, BGvL$^+$25, BMG$^+$23, BHG$^+$24, BTT23, BMA$^+$20, BHSL21, BHN$^+$24, BDE$^+$22, BK20, BBL$^+$21, BAHH$^+$20, CHA$^+$24a, CAV$^+$22, CFC$^+$20, CSM$^+$23, CBD$^+$23, CLP$^+$24, DFF$^+$24, FBR$^+$23, FBRG23, FMMD$^+$25, FDHS20, FWT$^+$20, FBV23, FPB$^+$23, GVF$^+$23, GCW$^+$23, GMS21, GLARS25, GK22, GZX$^+$22, GAS$^+$23, HAC$^+$24, HLH$^+$23, HANW21, HDK$^+$21, HDD$^+$22, HNS21, HZS21, HH24, HKM$^+$20, HPP$^+$21, HS21, IJSC20, IYW$^+$22, JSE$^+$25, JWAvD$^+$22, KRB$^+$21, KBL$^+$20, LCS$^+$24, LHS$^+$20, LTW$^+$24, LNC$^+$23, LBL$^+$24, LVZ21, LLBC20, LSDA21, MXL$^+$21, MUGL20, MHD$^+$22, MAG$^+$22, MSJ21, NGSS23, OGRS$^+$25, PS24, PKKS20, PCC$^+$23, QS21, QBJG21, RRH$^+$24, RBR$^+$24, RK24, SVC$^+$22, SSH$^+$22, SJJ$^+$21, SGM$^+$22, SSM$^+$22a, SMD21, SGS22, SSB$^+$22, TJL$^+$24, TJW$^+$22, TATC$^+$24, VKB$^+$22, VWR$^+$23, WCZ$^+$20, WCC20, WGK24a, WRA$^+$23, YPH$^+$24, YML$^+$21, ZZHZ23, ZLW21b]. **phytoplankton** [vLWV$^+$20, vdPAV$^+$20, vdPMF$^+$21]. **phytoplankton-dominated** [WCZ$^+$20]. **phytoplankton-related** [TJW$^+$22]. **Phytoplanktonic**

[GRJ+22]. **Pico** [KPS21]. **Pico-** [KPS21]. **picocyanobacteria** [AHCJ+20, CBT+21, CON+24, ŚWKS+25]. **picoeukaryote** [RPKC22]. **picoeukaryotes** [EHC+22]. **picophytoplankton** [FM21, GSP+23]. **picoplankton** [BDL+21, DWW+21]. **pigment** [ARPFGS23, CSM+23]. **pigments** [CTF+21]. **Pine** [LCHB22]. **pinnacle** [GCMJ23]. **Placopecten** [CGR22]. **plain** [LTH21]. **Plains** [ETG21]. **Planktivorous** [LDB+20]. **Plankton** [FUUG+21, SBV+21, EG20, FGO+20, JSW+21, KKA22, LLGP24, OAM+22, PSNS22, SGL+23, SCM22, THS21, YWLY20]. **Planktonic** [IMB+22, ALH+21, CML23, EPR+24, FIM+22, FUJE24, Gil22, GSD+23, LLMM+23, LEB21, MZR+25, MMF+21, MDP+23, Wei24]. **Planktothrix** [SDS+23]. **planning** [YAP+22]. **Plant** [CZH+21, VJS+20, KHK+22, LCS+20, MZ25, WHZ+21]. **Plant-mediated** [VJS+20]. **plants** [ZN20, ZLN21]. **plastic** [VGvdB+21]. **Plasticity** [LES+21, BCFI+22, BOC+21, NDP+24, PMF+21, RFB+22, RHSK24, WWGP21]. **plate** [JYA21]. **Plateau** [DLC+22, DAB+21, XTJW21]. **Plum** [LVHK20]. **plume** [CGC+21, SLZ+21b]. **plumes** [dCLO+23]. **point** [CBN21, TRG24]. **points** [CBPNA22]. **polar** [KMM+22, KGG+23, LMSN23, MLG+20, STB22, vdPAV+20]. **polarized** [CZS+22]. **poleward** [CJB+21, PVH24]. **pollen** [LCHB22]. **Pollicipes** [FJP+21]. **pollution** [BDC+24]. **polygonal** [PLB+21]. **polymeric** [YEF+24]. **polymictic** [TKS+20]. **polyunsaturated** [BRV+25]. **Pond** [VJH+22, DGTW21, QMG21]. **ponds** [FBP20, FW21, GCEM+23, LMM+21, PWS+20, PLB+21, RHA+23]. **pool** [CLC+22, KPNJ23, PS24]. **pools** [BHSG+20, CB25, LLTT+24]. **poppei** [MSGW+20]. **populated** [HPB+21]. **Population** [CÖL+20, CHA+24b, DAB+21, FRRG+21, HPF+23, HJB+25, KOR+20, LNC+23, MVP+20, MSGW+20, WRMP22, ZLG+23]. **populations** [ASH+20, DMCW23, MUGL20, RBL+20, RK24, ZJ22a]. **Pore** [TEK+21, CSC+21]. **pore-water** [CSC+21]. **porewater** [KDZ+24, RST+21]. **porewaters** [DKPS23]. **Posidonia** [AAC+21, CB21b]. **position** [GLN+21, TRS+20, VGSB23]. **possess** [CCG+22]. **potency** [ZCQ+24]. **Potential** [DCJB22, DWW+21, HDK+21, HGMK22, XLN21, BSB+20, CYPRG+23, DAB+21, MMLPRHCG22, PWS+20, RvHF+20, SSEO21, ŚWKS+25, TGE+21, VVMJ23, WM20, XWL+21, ZPK+22, ZLL+24]. **potentials** [RLL+21]. **Powell** [DSY20]. **powered** [MXL+21]. **Prairie** [RVS+22]. **precariousness** [SHBA22]. **precipitation** [AFH+22, DSY20, HM20, KAP+20, LN21, SSCE20]. **predation** [BBM21, LAFV23, LWS+22, LDB+20, OFM+21, OLR+23, PSNS22, ZLG+23]. **Predator** [BMGK22, DCJB22, DFW+20, KSMCL24, LEB21, LMSN23, MVP+20, MWV22, MPW+23, TCB25]. **predators** [HCH+24, RS20]. **predatory** [DWR+23]. **predict** [FMT+20, GMI+21]. **predictability** [KKA22]. **Predicting** [BCTH20, BMR+21b, BHN+24, LM24, RPA+22, AVJ+24, TRS+20]. **prediction** [MSJ21]. **predictors** [MTP+23]. **Preferential** [CM21].

**Presence** [LBJS22, FPG+24, LM24, MK20]. **present** [EWGP22]. **present-day** [EWGP22]. **Preservation** [ZJW+22]. **pressure** [BBM21, DvOH+20, MSD23, SEG21, WBB+21]. **Prevalence** [KGG+23, DMCW23, RBL+20]. **previous** [CTM+21]. **previously** [KKP+21]. **prey** [DFW+20, FDB24, HMBB21, KSMCL24, LEB21, LMSN23, RTK23, SYMF21, WO21]. **primacy** [HS21]. **primary** [BW25, FNB+23, FMMD+25, FSH+23, HEH+20, JSE+25, KTA+21, KBSA21, KPG+23, KVKS22, LD22, LSDA21, OLFH21, RHP+23, SB20, SSM+22a]. **Prince** [SBV+21]. **priority** [GGLH+22, GMD+24]. **pristine** [BPG+22, DBM+23, EJM+23, YvdHC+20]. **process** [ZZL+21]. **processes** [Ano21a, BD22, CM20b, GSG+17, GGDB25, HP20, MZXY22, NH22, OHK+24, PATL+23, QRWT+22, RRH+24, SSP+20, TJW+22, WPY+20, YRC+24]. **processing** [AVS+22, BND+23, DBB+21, HHK+22, LMM+21, ORE20, REvdMO24]. **Prochlorococcus** [LGI+20, LES+21, LSCL21, RRAO+21, SHZ+21, TKA21]. **produce** [WPO+22]. **producers** [HEH+20, KVKS22]. **producing** [LLC+24, THT+20]. **Production** [CKH+21, LMS23, TRC+25, BGvL+25, BW25, BMA+20, BBH+20, BGG+20, BD22, BH21, BV21, BBCA+21, BMR+25, CWF+22, CCFF21, CDA+20, DBFC24, FSM+21, FNB+23, FMMD+25, FSS+23, FSH+23, FIH+20, GE22, GMI+21, GKW+20, GKW+21, HGMK22, HNS21, HBR+22, JSE+25, KTA+21, KBSA21, KTP25, KSI24, KPG+23, KBvdD+20, KTWGT20, LLL+23, LEK+22, LLC+24, LMP+20, LDS+20, LTLH22, LCS+24, LDB+21, LSDA21, MCH+22, MLT+21, OLFH21, PDK+23, RHP+23, SPKM22, SJJ+21, SPLJA+20, SSM+22a, SSM21b, SMD21, TTC+22, TZF+22, WOT+23, YWZZ20, ZZJ+25]. **productive** [FBRG23, FUJE24, SGGB21, SSC+25]. **productivity** [Ano24a, ASH+20, CLG+24, CGL+21, FMMD+25, GLAHH+23, MCH+21, MGGRR+21, SBV+21, TWM+25, WLSD21]. **products** [LSW+20a]. **profiles** [DWS+22, KMZ+24, SJH20]. **profiling** [FIH+20]. **proglacial** [MKP+23]. **progressive** [SVBT20]. **projections** [CCA+21, SBJ+24]. **prokaryotes** [BMG+23, CKCB+23, DWW+21, GLAHH+23, GMC+25, LBBM21]. **prokaryotic** [BAD+21, CYT+24, CDA+20, DVL+23, GE22, GLARS25, SML+21a, SORGC+21, SSS+24]. **Prolific** [ETMD23]. **prolonged** [LLC21, ZZHZ23]. **prominent** [YG23]. **promote** [CBB+22, DFJ22, EFC+23, KRB+21, TWM+25]. **promoted** [ZJW+22]. **promotes** [LTJ+20, ZCQ+24, vGDH+21]. **Promoting** [ZLA+24, GGS+21]. **prone** [FLH+23]. **pronounced** [MKD22, SMK24]. **Propagules** [FLA25]. **properties** [BMG+23, BHG+24, CBD+23, LD22, MRD+21, PSK21, SJR21, SB20, XSZ+21]. **Prorocentrum** [LZG21]. **protect** [RD23]. **protection** [STO+24]. **Protein** [DNA+22, MK20, PYY+20]. **protein-coupled** [MK20]. **protist** [MNM+21, PYM+20]. **protistan** [SDSGR21]. **protists** [BO20, BEM+25, KIB+24, SWC+23]. **provide** [BVM+20, KMZ+24, SSA+23]. **provinces** [BGAD+22, SSH+22]. **proxies** [FSH+23, RWL+24]. **proximity** [MKP+23]. **proxy** [LPO+20, SWV+24]. **pseudofecal** [WSB+20].

**pseudogonyaulax** [BH21]. **pseudoharengus** [DFJ22]. **Psychrophilic** [SJR21]. **pueruli** [BFCC$^+$21]. **pulex** [YWZ$^+$21]. **pulsatile** [WSB$^+$20]. **pulse** [GdJA$^+$25, KHHZ20, KTP25]. **Pulsed** [WBB$^+$21]. **Pulses** [NKH$^+$23, BRCO21]. **pump** [CSC$^+$21, DGD$^+$24, DMS$^+$21, DLL20, FWDY20, GBB$^+$21, LG21, PFH21, PVSP$^+$22, PJRV23]. **pumping** [SMK24]. **pumps** [GM22]. **purely** [LD22, SB22]. **putative** [CLD$^+$23]. **pyrifera** [SBB$^+$21].

**quahog** [MURK20]. **qualitative** [WMTJW22]. **quality** [ABS$^+$21, DLC$^+$22, DKPS23, FRRG$^+$21, HSB$^+$20, HZS21, KSMCL24, LZM$^+$21, MFM$^+$21, MHL$^+$20, PHB$^+$22, PWS$^+$20, RvHF$^+$20, SSS$^+$24, SSK24, TSX$^+$23, TPTS23, TCS21, VKK$^+$21]. **Quantification** [CWF$^+$22, ZR23]. **Quantifying** [CCFF21, LVZ21, TJL$^+$24, dGKB24, KTP25, PRL$^+$25]. **Quantitative** [LN21]. **quantity** [ABS$^+$21, BBH$^+$20, DLC$^+$22, KSMCL24]. **quantum** [RKBT$^+$23]. **Quasi** [LDB$^+$21]. **Quasi-decadal** [LDB$^+$21]. **Queen** [DLDF21]. **quenching** [CGB$^+$21].

**r}** [CLGH23]. **Ra** [LvBS$^+$22]. **radiata** [BRHS20, BS20]. **radiation** [PC21, YG23, ZFQ$^+$20, vdPMF$^+$21]. **radiatively** [AHF$^+$22]. **radiocarbon** [HGA24, IFU$^+$20]. **radiocesium** [TNK$^+$22]. **Radiolaria** [MNM$^+$21]. **radiolarians** [IKN$^+$21]. **radium** [RST$^+$21]. **radon** [ACW$^+$22, RST$^+$21]. **rain** [DBFC24]. **rainforest** [FBJ$^+$23, HAB$^+$24, SOT$^+$20]. **Random** [CSGI$^+$24]. **range** [CJB$^+$21, CEE$^+$22, PYM$^+$20]. **ranges** [LCS$^+$20]. **Rapid** [CBC$^+$22, PFH21, SLZ$^+$21b, THL$^+$21, BVGQN22, YWZ$^+$21, ZLW$^+$21a]. **Rapidly** [ZZCD23, DKBG21, LGQ$^+$21]. **rate** [CGR22, HAC$^+$24, HZM$^+$21, LSL$^+$20, LCZ$^+$21, QBJG21, STO$^+$24]. **rates** [BAG$^+$24, BWSW24, BVM$^+$20, CWF$^+$22, DGTW21, Edm21b, FUJE24, GR24, HMP$^+$21, LLMM$^+$23, LDGB$^+$24, MSG$^+$22, OGRS$^+$25, OLFH21, PKV20, RLP$^+$20, RRAO$^+$21, SBL$^+$21, SSWM20, SMD21, TION23, TFI$^+$24, TBH$^+$22, TDD$^+$24, ZQB$^+$21, ZWM22]. **ratio** [FBK$^+$22]. **ratios** [BV21, DWS$^+$22, HMBB21, KMV$^+$20, MDP$^+$23, MRT$^+$24, SSN$^+$24]. **ray** [IKN$^+$21]. **re** [SDS$^+$23, WZCK20]. **re-examination** [WZCK20]. **re-oligotrophication** [SDS$^+$23]. **reaches** [FLA25, PGB24]. **reaction** [TFI$^+$24]. **reactivity** [CMdlPÁS$^+$24, GMI$^+$21, MGL22]. **reactor** [CBF$^+$23]. **real** [dGKB24]. **reallocating** [MRC$^+$24]. **really** [FPBG$^+$22]. **realm** [FUUG$^+$21, WKRL$^+$23]. **receptor** [MK20]. **receptor-based** [MK20]. **Reciprocal** [FW21]. **recirculating** [BKMY21]. **Reconciling** [MHG$^+$23]. **reconfiguration** [MZ25, ZN20]. **Reconstructing** [KBSA21]. **reconstructions** [THT$^+$20]. **record** [WRS$^+$22, WOMWR20]. **records** [GTMC25]. **recovering** [RFB$^+$22]. **Recovery** [RWS$^+$22, YDM$^+$25, vHLV$^+$20, BPG$^+$22, DFJ22, GRJ20, GPB$^+$20, KDW$^+$23, MAP$^+$22, RVS$^+$22, SHBA22, TLMP24, WRWPG19, WPO$^+$22, ZvBZ$^+$20, Ano21c]. **Recruitment** [MKBSK19, Edm21a, FJP$^+$21, OSR20]. **recurrence** [FR23]. **Recurrent** [SH22]. **Recycling** [HYPG$^+$22, SKA$^+$24]. **red** [CJB$^+$21, EFP$^+$21]. **redox**

[CKCB+23, EBK+20, EFG+24, SGSD+22, SGK+21]. **redox-stratified** [CKCB+23]. **redoxcline** [HPNU20]. **reduce** [XWL+21]. **Reduced** [KFHS24, FNB+23, JOC+20, KDZ+24, ZXZ+23, DMCW23]. **reduces** [ALH+21, BDC+24, BRM+23, DSY20, LLC+24, OFM+21, QBJG21, SSM+22a]. **reducing** [SJR21]. **reduction** [CEW+21, DFJ22, KP20, PCC+24, RWS+22, SSM+21a, THL+21, dJGCS23]. **reduction-dependent** [KP20]. **reductions** [FBV23, FÖJ+24, TBH+22]. **reef** [BCFI+22, BBCA+21, CDW+24, CBC+22, Edm21b, EDC24, FKN21, GCMJ23, GTKW+20, GLB+22, GFT+24, HPCH24, HLS+22, KDW+23, LMS23, LBG+22, MCH+22, MSG+22, MHMML+22, MDIY23, SWZ+23, SSCE20, TDD+24, ZCQ+24]. **reefs** [FPBG+22, GCMJ23, OLFH21, RMH+22, SPKM22, VVMJ23, dOKC+21]. **reestablishes** [AMO20]. **Reference** [TMKB+22]. **Refining** [FSH+23]. **reflect** [HGDW24, HHMH22, SSK24]. **reflectance** [LSW+20a]. **reflects** [CVF+20]. **refractory** [LLTT+24]. **refuges** [YAH+21]. **regardless** [CTM+21]. **Regeneration** [HKM+20]. **regime** [BTK+21, DMC+22, MWV22, RNW+23, SPHH22, TMKB+22]. **regimes** [BW25, BHA+22, CGGC+21, CGL+21, GMC+25, HZZ+25, LGI+20, MCH+21, SSL22, VCBB20, WCZ+20]. **Region** [LDGB+24, CLP+24, FUUG+21, KLO23, MFM+21]. **Region-specific** [LDGB+24]. **Regional** [LRRP20, GRJ20, HDK+21, KSF+23, KRBF25, RTM+20, SMKS22]. **regional-scale** [SMKS22]. **regionally** [SJJ+21]. **regions** [ASH+20, NCC+21, SML+21a]. **regularity** [SGM+22]. **regulates** [BGM+21, JHSG+24, MUGL20, SSN+24, THVJ23, YPF+23]. **regulating** [SOSN23]. **regulation** [BGvL+25, BAHH+20, DK20, GLN+21, HP20]. **regulatory** [TMKB+22]. **related** [BSGA21, CLA+24, LDB+21, PYY+20, TJW+22]. **relation** [DNB+20, WRC+21]. **relationship** [BCA+20, FPBG+22, KMV+20, ZYW+24]. **Relationships** [QFM+21, BMA+20, BM22, FÖJ+24, GGHBS+20, KPL+20, LEB21, MNM+21, QS21, SDL22, SZA+21, TRS+20, YJ20, ZZWL22]. **Relative** [CZA24, LLBC20, SSH+22, GCW+23, QMG21]. **relatively** [GVF+23]. **relaxation** [REF+21]. **release** [AJMG21, BMCS23, CLGH23, HP20, KPM+20, KRM+20, LHS+21, RS20, XWL+21]. **Relevance** [SPBK21, CPB+21, CB25]. **relevant** [BBWB24]. **reliable** [PPB+21]. **relieves** [DCK+22]. **Remarkably** [EFP+21]. **remote** [LSW+20a, VVMJ23, dGKB24]. **Removal** [MLS+21, SGL+23, TLMP24]. **reoxidation** [ETMD23]. **reoxygenation** [RWS+22]. **repeated** [CBT+21]. **replacement** [KMV+20]. **replete** [CM21]. **Reply** [CSH21, MBD+23, SB22]. **represent** [HSD+20]. **Reproducing** [TVB+21]. **reproduction** [MMKWZ22, MGP+21]. **reproductive** [BRB+22]. **require** [SBCF24, WRA+23]. **requires** [KHCG+22]. **Research** [MKBSK19]. **reservoir**

[AWGV20, BBH+20, CB21a, ILPL20, LHD+20, PBGGRB21, WYY+24]. **reservoir-downstream** [WYY+24]. **reservoirs** [BJG+22, CCY+21, CM20a, LPMBR23, NMRW24]. **residence** [EAF+22, LvBS+22, RCMA21, SDL22]. **resident** [LBJS22]. **Resilience** [CAV+22, BLS+22, BBMD20, DP22, GGS+21, GFT+24, MHD+22, RMH+22, RBD22, RPKC22, SPHH22, TKM+22, ZvBZ+20, dSNIB22]. **resilient** [WCH+21]. **resist** [MRC+24]. **resistance** [TKM+22, YvdHC+20, vHHP+21]. **resolution** [BCWS23, PHB+22, ZZO+21]. **resolve** [GSD+23]. **resolved** [GNO22, MMF+24]. **resolves** [CON+24]. **Resolving** [BPIBN20, SMW+21]. **resonance** [LHH24]. **Resource** [LHS+20, CHA+24a, DCAB24, FBJ+23, FDHS20, GZX+22, MHL+20, VCT+23]. **resource-use** [DCAB24]. **resources** [MRC+24]. **respect** [LBvE23]. **Respiration** [BHA+22, SEG21, BWSW24, BV21, BW24, BVM+20, CGR22, FUUG+21, HCS+21, MHG+23, MSG+22, NKH+23, PBC21, RHP+23, SMCS23, SDB+23, SSM+22a, WMRL22]. **respired** [HGA24]. **respond** [BWSW24, CTP21]. **responding** [MSD23]. **Response** [AAC+21, CZK+23, FBR+23, LWC+24, MLG+20, PRS+20, SLZ+21a, TSX+23, YJB+20, ABC+21, BTT23, BJK+21, BRHS20, BK20, BPG+22, CT23, CMB+21, CBT+21, DCF+22, DKBG21, GdJA+25, GRJ+22, GK22, HXL+21, HLS+22, ILPL20, JHS+21, JLR+22, KX22, LVHK20, LCM+22, LTH21, LTW+24, MAP+22, PLC+24, PC21, PMZ+25, RRH+24, SGL+23, SDS+23, TNK+22, WWFS21, WGK+24b, XYL+23, YAE+23, ZZWL22, ZSZ+21, dSNIB22]. **Responses** [MXL+21, MY23, Ano24a, CLG+24, CHAA21, DKW+21, FM21, GFG+22, HDS+20, JWAvD+22, KIB+24, KL22, LFBS24, LLSQ24, MLP+21a, MHD+22, MAG+22, NEB+22, Phi20, Phi21, PW22, RMH+22, RFW+24, TBH+22, TMS+21, VGvdB+21, WPO+22, ZZHZ23, ZJ22a, ZJ22b, ZLW21b]. **Resting** [ZLG+23]. **restoration** [AMO20, HLS+22, LAB+22, SBP+25]. **restructuring** [HFL+20]. **result** [CLC+22]. **Results** [MKBSK19]. **resurrect** [GTMC25]. **Resurrection** [ZJ22b]. **resuspension** [CGD22, MDBI20, MCS+23]. **retain** [LDG+21]. **retention** [CZA24, GFG+22, GPDA+20, SDL22, VMT+20]. **Rethinking** [YJ20]. **retreat** [BJK+21, NB23, SJJ+21]. **retrieval** [SSB+22]. **retrieved** [RCS+20]. **Return** [FHMK20, MLG+20]. **reveal** [BRB+22, CLW+21, DHNH22, HS21, LABM20, MVP+20, MSB+20, PMF+21, RPKC22, WWGP21, YZX+24, ZSZ+21]. **revealed** [BO20, DLL20, EST+24, GLN+20, KAC+23, LVDM22, LGI+20, Lem20, MT23, MCYR20, RWMP+23, SIP21, ST22, TION23, VLP+21, ZSD+20]. **reveals** [ASL+24, BRCO21, BKMY21, CGGC+21, DCAB24, FR23, FMMD+25, HPF+23, HHK+22, MKD22, PVH24, Roy20, SWV+24, TRS+20, VMP+21, YPH+24, ZJ22b]. **reversals** [LDG+21]. **reverse** [ZJ22a]. **review** [BR22, Bri24, CLA+24, CBPNA22, MA21, SHPW22]. **Rhizaria** [BO20, IKN+21, LLMM+23, MNM+21, MLT+21]. **rhizosphere** [EJM+23, HZZ+20]. **ria** [NSK+21]. **rich** [LPO+20, LAMG+22, ŚWKS+25, TKW+23]. **richness** [RBL+20]. **ridge**

[FSdS$^+$24, GCP$^+$25]. **ridge-runnel** [FSdS$^+$24]. **Riemann** [MBD$^+$23]. **riparian** [FW21]. **ripples** [OSK$^+$24]. **Rise** [MWV22, FNB$^+$23, LVHK20, LRM21, QMG21, YLT$^+$20, ZvBZ$^+$20]. **Rising** [YJS$^+$25, IOS24, NB23]. **risk** [LAFV23, Roy20, ZLG$^+$23]. **River** [DSY20, LTH21, MGI$^+$22, SLRS$^+$24, YGD$^+$21, ZPK$^+$22, AWB$^+$23, BCY$^+$24, BMLV24, BHN$^+$24, Bri24, CBHB21, CCY$^+$21, CGC$^+$21, CHS$^+$20, CVF$^+$20, DMC$^+$22, DBM$^+$23, DKPS23, EST$^+$24, FXD$^+$22, IOS24, KHHZ20, LHMR23, MGL22, MHL$^+$20, QS21, RHP$^+$23, SML21b, SLZ$^+$21b, SBP$^+$25, TUR$^+$20, WPY$^+$20, WTS$^+$25, WYY$^+$24, ZYZ$^+$21, CM21, GBHF21, LXC$^+$21b, PCN22, Roy20, SMNT22, TMSL22]. **river-bay** [WPY$^+$20]. **river-dominated** [DKPS23, QS21]. **river-fed** [WTS$^+$25]. **river-influenced** [FXD$^+$22]. **Riverine** [IYW$^+$22, HLKD23, KRB$^+$21, PBGGRB21, RMW$^+$21, RD23, YGD$^+$21]. **rivers** [AFH$^+$21, BHA$^+$22, GEHD20, MBH$^+$23, MA21, NSK$^+$21, PHB$^+$22, RHP$^+$23, SMG$^+$22, ZQB$^+$21]. **rK}y** [CLGH23]. **Rn** [ACW$^+$22]. **robotic** [GLN$^+$20]. **rock** [KPNJ23, ZPK$^+$22]. **rockweeds** [DP22]. **rocky** [DP22, GTKW$^+$20, VMT$^+$24]. **Role** [AVS$^+$22, GGS$^+$21, GRJ20, LNC$^+$23, MDBI20, MLT$^+$21, YLT$^+$20, AKT$^+$21, DCJB22, EBW$^+$20, EBK$^+$20, EFG$^+$24, HLPT20, HGMK22, HMB$^+$22, KRB$^+$21, KdED$^+$20, KNG$^+$23, LLMM$^+$23, LZG21, MEQBV20, SPLJA$^+$20, TGE$^+$21, WLK$^+$21, WYY$^+$24, WSC$^+$25, YGD$^+$21, ZSZ$^+$22, ZXZ$^+$23, dOKC$^+$21]. **roles** [CSB22, HDK$^+$21, MMF$^+$24, SKY$^+$24]. **rolling** [ALG$^+$23]. **Roseg** [PSE$^+$20]. **Ross** [CLP$^+$24]. **rotating** [SEG21]. **rotationally** [REF$^+$21]. **rotifers** [Gil22]. **Rottnest** [MVBG20]. **roughness** [CZA24, YPF$^+$23]. **rRNA** [DLL20]. **RS19** [KMM$^+$22]. **rubble** [KDW$^+$23]. **rubescens** [SDS$^+$23]. **Rubisco** [RBR$^+$24]. **runnel** [FSdS$^+$24]. **runoff** [FBJ$^+$23, HSP$^+$20, LLC$^+$23].

**S** [DLL20, BSGA21, HZC$^+$24, RvHF$^+$20]. **Sahara** [NEB$^+$22]. **Saharan** [BFE$^+$20]. **saline** [GZZ25, IÁSNCR21, SSP$^+$20]. **Salinity** [ZLJ$^+$24, ETG21, GCS$^+$24, GR24, IMB$^+$22, LSC$^+$21, OBL20]. **salinity-alkalinity** [IMB$^+$22]. **salinizing** [ZZCD23]. **salmon** [ASH$^+$20, FBJ$^+$23, KHB22]. **salps** [SDSGR21]. **Salt** [YJB$^+$20, BVM$^+$20, DSY20, EJM$^+$23, GBMKJ22, KBB$^+$22, LVHK20, LGF22, MKM$^+$23, OJUN23, PGW25, SWK$^+$23, TEK$^+$21, WLK$^+$21, XWL$^+$21, YLT$^+$20, YDM$^+$25, YJS$^+$25, ZZCD23]. **salt-wedge** [WLK$^+$21]. **saltmarsh** [HGA24, LDGB$^+$24, LCS$^+$20, WPO$^+$22, YXC$^+$22, ZZL$^+$21, ZvBZ$^+$20]. **sample** [FDB24]. **sampled** [IMB$^+$22, PYM$^+$20]. **samples** [GWS$^+$21, KSR20]. **sampling** [BRCO21, RWT$^+$21]. **San** [BM22, BMB22, GNO22]. **sandy** [KPM$^+$20, WAPC20, vEMF$^+$20]. **Sanriku** [NSK$^+$21]. **Sargasso** [LPO$^+$20, LSS$^+$24]. **Sargassum** [CAN$^+$24]. **satellite** [CLA$^+$24]. **save** [DMCW23]. **scale** [ASL$^+$24, BMA$^+$20, BGAD$^+$22, DAN$^+$22, DMM$^+$21, DFW$^+$20, EWF22, GGDB25, GBC$^+$20, GSD$^+$23, GLB$^+$22, KRBF25, KPNJ23, MACC24, MSGW$^+$20, MHdS$^+$21, MGI$^+$22, OYM$^+$20, PATL$^+$23, SH22, SLRS$^+$24, SMKS22, WO21]. **scale-dependent** [GGDB25].

**scales** [AH20, AHF+22, BRB+22, CESS21, FBR+23, GCP+25, LM24, MCH+21, PYM+20, RTM+20]. **Scaling** [BW24, CGC+21, BEM+25]. **Scallop** [TJW+22, CGR22, FSH+23]. **Scandinavia** [LDGB+23, LDGB+24]. **scattering** [KSR20]. **scavenger** [dJSS24]. **scavenging** [YPF+23]. **scenario** [AAC+21]. **scenarios** [HEH+20, JHS+21]. **sclerochronology** [MMLPRHCG22]. **Scotia** [DLL20]. **Sea** [TMS+21, AGC+21, BSGA21, BMR+21a, BMLV24, CLW+21, CHAA21, CCS+24, DNB+20, FNB+23, FXD+22, GVF+23, GB25, HMM+22, JHvL+23, LLL+23, LAFV23, LVHK20, LCS+24, LRM21, MZXY22, MY23, MBLA+21, MKBSK19, MSSBR24, MLG+20, OSR20, OBB+20, PCN22, PGN+21, QMG21, RBSV+24, SH22, SIP21, TMKB+22, VCT+23, WHAR+20, WOMWR20, WXK+22, WDG+21, YLT+20, YRC+24, ZSD+20, ZXE+23, ZvBZ+20, CHA+24a, CGRGP+21, CGR22, CBB+22, CMY+25, CDA+20, CCDM21, CLP+24, DNB+20, DGW+21, DLL20, EFP+21, GLM+23, HDD+22, HPNU20, KPL+20, LCHB22, LTJ+20, LPO+20, LNC+23, LSS+24, NvBE+21, RHS+22, RvHF+20, RSH+20, RBR+23, SORGC+21, SBJ+24, SGSD+22, TMKB+22, ZZO+21, vHLV+20]. **Sea-ice** [TMS+21, MLG+20, VCT+23]. **sea-level** [FNB+23, YLT+20]. **seabed** [CBF+23, SHPW22, TPTS23]. **seabird** [CDW+24]. **seabird-derived** [CDW+24]. **Seafloor** [MSSBR24, GPDA+20]. **Seagrass** [AMO20, TLMP24, AAC+21, AHCF22, BBMD20, GELME+24, HHMH22, JvKvT+20, JHBB22, KHK+22, KRBF25, LLTT+24, MZ25, MRH+23, RLP+20, RS21, SVMM+22, SN22, SKY+24, VLP+21, YvdHC+20, ZWM22, dSMPC24, dSNIB22]. **seagrass-dominated** [JvKvT+20]. **seagrasses** [LSW+20b, THVJ23]. **seals** [KTH+21]. **seas** [BND+23, LCZ+21, WSC+25, YWZZ20, MLL+21]. **seascape** [PVSP+22, SHPW22, YAL+25]. **Season** [WWB+20, GNO22, SZA+21, SSR+23]. **season-dependent** [GNO22]. **Seasonal** [AAB+22, ACA+22, CCB+20, CMCC24, CGL+21, CP22, DLDF21, GPK+21, HABL+21, LZG21, LSS+24, MMF+21, PLB+21, RWMP+23, RBSB22, SPR22, SSCE20, ZWM22, AWGV20, AJMG21, EFG+24, HBG+22, HSP+20, IÁSNCR21, JLW+23, KWS+21, LVZ21, MLK+22, MGGRR+21, NGSS23, PS24, RHM+21, SKB+22, SCT+21, SGS22, TKS+20, VCBB20, WYY+24, XYL+23, vdPMF+21]. **Seasonality** [BSC+24, CCFF21, CCDM21, LRNG24, MK21, RPKC22, MKD22]. **Seasonally** [BM22, CVF+20, LXC+21b, MLK+22, PJRV23, SSM+22b, THVJ23]. **Seasons** [HCNO+20, CLM25, GCW+23, JHBB22, SML21b, TCB25]. **seawater** [BBWB24, CSGI+24, Edm21a, KSR20, MAD+22, NTJ+20, SOSN23, SBCF24, SBT25, SLP+24, YPF+23, YWZZ20]. **seaweed** [WWB+20]. **seaweeds** [RHM+21]. **secondary** [BD22, CCFF21, DBFC24, FSM+21, LEK+22, ZZL+21]. **Secretion** [HVMS+21]. **sector** [YAH+21]. **Sediment** [CEE+22, HZZ+20, MP23, PGB24, SVMM+22, ZGdS+24, AJMG21, BBH+20, BBCA+21, CGD22, DLDF21, GWS+21, GMI+21, HBS+22,

HMM+22, HLKD23, HHMH22, HZZ+25, HLPT20, HNS21, HMB+20, JLMW21, LVHK20, LNR+20, LTH21, MDBI20, MIR+22, MCS+23, MWHR+22, MGG+24, OYM+20, PATL+23, PSK21, RWL+24, SMCS23, WSC+25, YLT+20, ZTT23, ZSF+23, ZWM22, dSNIB22, vHHP+22]. **sediment-deficient** [LVHK20]. **Sedimentary** [SLHL+22, YPH+24, HLPT20, KTP25, LLK+22, LL23, RBR+23, SGA+22, SGGB21, TKS+20]. **sedimentation** [HZM+21, LLC21, RNW+23, SVBT20, STO+24]. **sediments** [AGC+21, BAG+24, BJK+21, BVM+20, CBB+22, CHP+24, CBF+23, CAN+24, DGTW21, DLC+22, FXD+22, HPB+21, HBR+22, KBB+22, LDGB+23, MHG+23, NKH+23, ORE20, OGD20, PYM+20, RvHF+20, RLP+20, REvdMO24, RWS+22, RCS+20, SSM+21a, SJR21, SSEO21, SSCE20, SZY+20, THL+21, XLN21, ZSW+24]. **seed** [ZZL+21, ZSZ+22]. **seedling** [vHHP+22]. **seedlings** [OJUN23, SRN+21]. **seep** [STB+24]. **seepage** [BKMY21, LBG+22]. **seeps** [AGC+21, GPK+21]. **seiche** [NH22]. **seiches** [BMS+22]. **select** [LPO+20]. **selection** [MTB+21, RTK23]. **Selective** [FLW+21, HMBB21, KHSP21]. **self** [FSdS+24]. **self-organized** [FSdS+24]. **semi** [BKC20, WCC20, XYL+23]. **semi-enclosed** [XYL+23]. **semi-labile** [BKC20, WCC20]. **semianalytically** [LSW+20a]. **senescence** [ZWM22]. **sense** [ZLG+23]. **sensing** [LSW+20a, SMF20, dGKB24]. **sensitive** [BJS+23b, FLH+23, HZM+21]. **sensitivities** [LSCL21, RRH+24]. **sensitivity** [CLW+21, CCFF21]. **sensor** [BCWS23, SSM+22a]. **sensor-based** [BCWS23]. **sensory** [RS20]. **separation** [LTJ+20, MCYR20, NH23]. **September** [TNK+22]. **sequence** [KMK+24]. **sequencing** [BBGM20, DLL20, WZCK20]. **sequestration** [FXD+22, GBMKJ22, JHSG+24, LDGB+24, PYY+20, SHS+22, XWL+21, YXC+22]. **series** [BHA+22, CON+24, CBN21, FHMK20, FR23, FMMD+25, FIH+20, GWS+21, HRK+22, LABM20, MKD22, SGM+22, TRS+20, WDG+21]. **services** [OBB+20]. **setae** [SMF20, SYMF21]. **settings** [BDE+22, CEE+22]. **settlement** [MURK20, OSR20]. **settling** [ABS+21, EAF+22]. **setup** [REF+21]. **severity** [CTF+21]. **sexual** [MGP+21]. **Shallow** [BSIdG23, BW25, BMR+21b, BOC+21, CB21a, FBV23, GTNH25, HBS+22, HZZ+25, HZZ+20, JOC+20, LMS23, LBG+22, LZM+21, LAMG+22, PSK21, RFB+22, RHA+23, RLL+21, RS21, SPBK21, SSCE20, SWS+22, TBH+22, TKM+22, WCZ+20, YIS+24]. **shallow-lake** [LZM+21]. **shallow-water** [LBG+22, SWS+22]. **shape** [CEE+22, FWvA+21, FBRG23, GGR24, KVKS22, STB+24, SGM+22, TKM+22, ZLIP20, ZGdS+24]. **shaped** [BMH+25]. **shapes** [RBAC+20]. **shaping** [EBK+20, HAB+24, LNC+23, ZSZ+22]. **share** [MRD+21]. **sharks** [PRS+20]. **Sharp** [BHSG+20]. **shelf** [ChHC+24, CHP+24, CBF+23, CHAA21, EFG+24, FBRG23, FMMD+25, GPDA+20, GPK+21, HJWP24, HJB+25, KTH+21, KPS21, LvBS+22, QRWT+22, SLJ+22, WRC+21, WSC+25, ZLU+20, MMF+21, ZZJ+25]. **shelfbreak** [ZMS+24]. **shell** [GPB+20, MDWT+22]. **shells** [FSH+23, TJW+22, WOMWR20]. **sheltering** [ZN20]. **Shen** [LD22]. **Shield**

[GB21, GB23]. **Shift** [MLP21b, AFH+22, BTK+21, BHSL21, GBO+20, RGP+22]. **shifted** [MPW+23]. **Shifting** [DAN+22, HJB+25, ZZHZ23]. **shifts** [AH20, CLA+24, CAN+24, CON+24, CHA+24b, DMC+22, DAP+24, GPK+21, HLH+23, MWV22, MKL+24, PVH24, PMZ+25, RNW+23, RVvB+23, RS21, SPHH22, SBP+25, TMKB+22, WCZ+20, BWV+20]. **ship** [CSGI+24]. **ship-based** [CSGI+24]. **shipboard** [BBA+23]. **shipwrecks** [HMM+22]. **shore** [FGO+20, GLN+20, GLN+21, GTKW+20, MMF+24]. **shoreline** [STO+24]. **shores** [DP22]. **Shoreward** [KTH+21]. **Shoring** [BV21]. **Short** [GdJA+25, RTK23, BGvL+25, LRNG24, ORE20, REvdMO24, TMS+21]. **Short-term** [GdJA+25, BGvL+25, LRNG24, ORE20, REvdMO24, TMS+21]. **shortages** [LMSN23]. **shortleaf** [dSMPC24]. **show** [Ano24a, CLG+24, KFHS24, PMZ+25, WGK+24b]. **shows** [JLW+23, OLR+23]. **shredders** [FRRG+21]. **shrimp** [HBY+22]. **shunts** [GM22]. **Siberia** [HABL+21, SLHL+22]. **sick** [ONH+20]. **side** [MWHR+22]. **side-by-side** [MWHR+22]. **Siderophore** [PDK+23, BMR+25]. **Sierra** [CM20a]. **Sight** [ZYW+24]. **signal** [MAR+24]. **signaling** [BMGK22, MK20, ZMC+24]. **signals** [ZLG+23]. **signature** [LHGJ21]. **signatures** [TZF+22, YZX+24]. **Significant** [RBSV+24, RVvB+23, GSD+23, MTP+23, RNW+23, WF22, YML+21, ZXE+23]. **significantly** [LLC+24, RWL+24]. **Signy** [MSGW+20]. **silica** [IKN+21, MLT+21, RWL+24, Roy20, SBT25, XSZ+21, ZSW+24, ZBNH+21]. **silicon** [CMY+25, LLMM+23, LAMG+22, MBLA+21, WSLC22, ZSD+20, ZSW+24]. **silled** [HJWP24]. **similar** [CTP21, CCG+22, HMB+20, LTJ+20, SVMM+22, VWR+23]. **Simple** [SDL22, KTP25, ZLN21]. **simple-wave** [ZLN21]. **Simulated** [JHBB22, GdJA+25, GRJ+22, JHSG+24, MLG+20, SBL+21, dGKB24]. **simulation** [TFI+24]. **simulations** [BGAD+22]. **simultaneous** [THL+21]. **Single** [KSN+21]. **sink** [AFH+22, PUH+23, RTM+21, SKY+24]. **sinking** [ALG+23, CKH+21, CBN21, DKBG21, DLL20, JLS+20, LCMG+20, LG21, LBL+24, RGE+24, SAD+20, YEF+24, HCB+22]. **sinks** [GMNG+24, SGGB21]. **siphonophores** [HCH+24]. **site** [OFM+21, TFI+24, TCP+22]. **site-specific** [TFI+24, TCP+22]. **sites** [MSG+22]. **situ** [BO20, BBGM20, DHNH22, GPB+20, GSD+23, MHMML+22, MCYR20, SSM+22a, TFI+24, VMP+21, WLSD21, WGK+24b]. **Size** [BJS23a, BMLV24, JSW+21, KSF+23, SDSGR21, Ano24a, AMC21, ALH+21, BS25, CZA24, CLG+24, CHAA21, CHA+24b, FGP22, FMMD+25, GNO22, HBG+22, KSR20, LSL+20, LHS+20, LXC+21b, LDB+20, LHMR23, MGI+22, PS24, PMRG20, TATC+24, TRG24, WKCR25, WOK+21, dJGCS23]. **size-** [GNO22]. **Size-dependent** [BMLV24, FMMD+25]. **size-fractionated** [KSR20, LXC+21b]. **Size-independent** [JSW+21]. **Size-specific**

[SDSGR21]. **skeleton** [CDW$^{+}$24]. **Slope** [SMP21]. **sloping** [NH23]. **Slow** [KBB$^{+}$22]. **Small** [SWC$^{+}$23, AH20, BCWS23, CM20b, Edm21b, EWF22, GB21, GB23, IJSC20, KSF$^{+}$23, LBL$^{+}$24, MBA$^{+}$21, MSGW$^{+}$20, MLT$^{+}$21, NMRW24, OGRS$^{+}$25, OYM$^{+}$20, PCJ$^{+}$21, PRS$^{+}$20, PSK21, WF22, YIS$^{+}$24]. **small-scale** [EWF22, MSGW$^{+}$20, OYM$^{+}$20]. **smaller** [MN20, RHP$^{+}$23]. **Snow** [GTMC25, BW25, DBFC24, KFHS24, SGL$^{+}$23, SEG21]. **snowpack** [PFB$^{+}$22]. **sockeye** [ASH$^{+}$20]. **soft** [FPBG$^{+}$22]. **soil** [PYY$^{+}$20, VJS$^{+}$20, ZJW$^{+}$22]. **soils** [HGA24, LDGB$^{+}$24, PNT$^{+}$21]. **Solar** [vdPMF$^{+}$21]. **soluble** [LMS$^{+}$21]. **somatic** [MRC$^{+}$24]. **sorption** [PNT$^{+}$21]. **sorting** [FDB24]. **soundscapes** [CLW$^{+}$21]. **Source** [SCB$^{+}$20, AFH$^{+}$21, AFH$^{+}$22, BBH$^{+}$20, BHA$^{+}$22, BOC$^{+}$21, Bri24, DBFC24, DKPS23, HSD$^{+}$20, IFU$^{+}$20, LCHB22, PUH$^{+}$23, RTM$^{+}$21, STB22, VST$^{+}$22, WTS$^{+}$25]. **source-specific** [BHA$^{+}$22]. **source/sink** [RTM$^{+}$21]. **sources** [AHCF22, BND$^{+}$23, BSF$^{+}$21, BCL$^{+}$22, CSD$^{+}$24, GMNG$^{+}$24, HGDW24, KRC23, KLG$^{+}$23, LZD$^{+}$23, MV22a, MV22b, MTB$^{+}$21, MHL$^{+}$20, MCS$^{+}$23, NCO$^{+}$24, PMJ$^{+}$21, SSS$^{+}$24, WBAG24, WLK$^{+}$21]. **sourcing** [PGW25]. **South** [MSGW$^{+}$20, SMW$^{+}$21, AHCJ$^{+}$20, CMY$^{+}$25, GRJ$^{+}$22, JLS$^{+}$20, WPY$^{+}$20]. **Southeast** [LL23]. **Southern** [XYL$^{+}$23, YAP$^{+}$22, DAB$^{+}$21, LDGB$^{+}$23, LDGB$^{+}$24, NvBE$^{+}$21, BRCO21, BDE$^{+}$22, BBA$^{+}$23, CGL$^{+}$21, GRJ$^{+}$22, HCB$^{+}$22, IJSC20, LMC$^{+}$21, LWvdM$^{+}$21, MT23, MSB$^{+}$22, MPW$^{+}$23, MLT$^{+}$21, MGC$^{+}$20, RKBT$^{+}$23, YSHS23]. **southward** [ZSZ$^{+}$24]. **Southwest** [ZZWL22]. **sp** [DFW$^{+}$20, GTKW$^{+}$20, vGDH$^{+}$21]. **space** [FWvA$^{+}$21, FMT$^{+}$20, LHD$^{+}$20, MO23]. **space-for-time** [FMT$^{+}$20, MO23]. **spacing** [CZA24]. **Spain** [TZF$^{+}$22]. **spanwise** [JYA21]. **Spatial** [BBH$^{+}$20, DvOH$^{+}$20, KHSP21, LBBM21, MHdS$^{+}$21, NB20, RHA$^{+}$23, RWT$^{+}$21, RKBT$^{+}$23, SML$^{+}$21a, SMNT22, SBJ$^{+}$24, WRWPG19, WZCK20, AHF$^{+}$22, BR22, BRB$^{+}$22, CGRGP$^{+}$21, CBHB21, CCB$^{+}$20, CMCC24, CON$^{+}$24, FBR$^{+}$23, GCW$^{+}$23, HMP$^{+}$21, HZC$^{+}$24, KBL$^{+}$20, LM24, LAFV23, LGI$^{+}$20, MLK$^{+}$22, MKP$^{+}$23, PYM$^{+}$20, Roy20, SORGC$^{+}$21, SCC$^{+}$21, YAP$^{+}$22, ZBNH$^{+}$21, dGKB24, Ano21c]. **spatially** [MOW$^{+}$22]. **Spatio** [LSC$^{+}$21, AH20]. **Spatio-temporal** [LSC$^{+}$21, AH20]. **Spatiotemporal** [Edm21a, GZX$^{+}$22, MHP$^{+}$23, PGW25, CHS$^{+}$20, FKN21, GCEM$^{+}$23, IJSC20, MCH$^{+}$21, OSR20, PSK21, SPBK21, SLRS$^{+}$24, SMK24]. **spatiotemporally** [HGDW24]. **Spawning** [CZA24, OFM$^{+}$21, OLR$^{+}$23, SRV$^{+}$20]. **specialists** [MZW$^{+}$21]. **speciation** [BCA$^{+}$20, RBR$^{+}$23]. **Species** [CSB22, BGvL$^{+}$25, BTT23, BRB$^{+}$20, BRB$^{+}$22, CR25, CCG$^{+}$22, EWF22, FRRG$^{+}$21, GMS21, GBB$^{+}$21, HANW21, HDD$^{+}$22, IKN$^{+}$21, LBJS22, LTJ$^{+}$20, MVP$^{+}$20, MN20, NB23, PS24, PVH24, SVMM$^{+}$22, SRN$^{+}$21, SBJ$^{+}$24, SYT$^{+}$21, VGvdB$^{+}$21, VJS$^{+}$20, WWGP21, WNHY21, vHHP$^{+}$21, vHHP$^{+}$22]. **Species-specific** [CSB22, IKN$^{+}$21, WWGP21]. **specific** [Ano24a, BHA$^{+}$22, BBCA$^{+}$21, CLG$^{+}$24, CSB22, DMS$^{+}$21, FMMD$^{+}$25, IKN$^{+}$21, LDGB$^{+}$24, OGRS$^{+}$25, OLFH21, SDSGR21, TFI$^{+}$24, TCP$^{+}$22, WWGP21, vdPAV$^{+}$20]. **specificity** [KSN$^{+}$21]. **spectra** [ALH$^{+}$21, SSB$^{+}$22]. **Spectral**

[TPTS23, HZS21, LLBC20]. **Spectrophotometrically** [SBCF24]. **speed** [MAR+24, WGK+24b]. **sphaericus** [WNHY21]. **spiny** [BFCC+21]. **Spitsbergen** [vdPMF+21]. **Sponge** [LAMG+22, LMP+20, LMS23, MBLA+21]. **Sponges** [HSD+20, BMR+21a, HOB+22, MSL21, MRC+24, MCYR20, MDIY23]. **spots** [REvdMO24]. **Spread** [TNK+22]. **spring** [ACA+22, AFK+22, BAHH+20, CGRGP+21, CM20b, DGD+24, FBRG23, KPG+23, MLC+21, PW22, REF+21, RGE+24, SIP21, VCT+23, YWLY20, YRC+24, vdPAV+20]. **springs** [SMK24]. **Springtime** [JWAvD+22]. **sprinkling** [LCHB22]. **squid** [PMRG20]. **Stability** [MDDL22, BOC+21, LMS+21, SSP+20, VKGW22, WMTJW22, ZTT23, dCLO+23]. **Stable** [GAS+23, HFL+20, WRS+22, CDH+21, EST+24, HCH+24, HZC+24, IFU+20, KLG+23, LVDM22, MLP+21a, SWS+22, TMM+20, WAPC20]. **stage** [BFCC+21]. **stages** [GB25, GBSVJR+24, OFM+21]. **stalked** [FJP+21]. **standard** [SBCF24]. **state** [DMC+22, RNW+23, RVvB+23, RGP+22, SH22, SWOR20, SSWM20, TMKB+22]. **states** [BSIdG23, TBH+22, BCTH20, CCA+21, DRA+23, FBK+22, GGR24]. **Station** [NCC+21, CBN21, SBM+21, BMR+25]. **status** [THVJ23]. **steady** [HH24]. **stilling** [JOC+20, SGM+21]. **stimulates** [BVM+20, KMK+24, RGW+23]. **Stimulation** [LBL+24]. **stinging** [SLP+24]. **stingrays** [CSB22]. **Stockholm** [vHLV+20]. **stocks** [CEE+22, HMP+21, LDGB+24, SVMM+22]. **Stoichiometric** [FDHS20, MSJ21, KTA+21, LLGP24]. **stoichiometries** [WBAG24]. **Stoichiometry** [Roy20, CR25, DAP+24, DTPV21, FBV23, FPB+23, HAC+24, LG21, MV22a, MV22b, STB22, SML21b, VKB+22, WOT+23, WWFS21, WGK24a, ZLS+21]. **Stokes** [FGO+20, LCMG+20]. **stony** [FPBG+22]. **storage** [BRM+23, CAN+24, LRNG24, MRH+23]. **stores** [MKM+23]. **storm** [DAD+21, KX22, WTvD+22, vHHP+21]. **storm-induced** [DAD+21, WTvD+22]. **storms** [LRM21, RGE+24, TKM+22]. **Strain** [GMD+24]. **Strain-dependent** [GMD+24]. **strains** [HDS+20]. **Strait** [ZSZ+24]. **stranded** [RHM+21]. **Strategies** [FRRG+21, BDL+21, CZH+21, DCAB24, DFJ22, HXL+21, RCH+20, SOWP24, TATC+24, WTvD+22, WRHR22, ZLJ+24]. **strategists** [CLGH23]. **strategy** [LZG21]. **Stratification** [DMM+21, KX22, XTL+20, Aus24, MO23, PMD+23, PW22, SSP+20, SGM+21, YWLY20, YJB+20]. **stratified** [ACA+22, Ano21a, CYPRG+23, CKCB+23, EAF+22, GSG+17, HMOY25, LVDM22, LSW+20a, MAG+22, SBW21]. **Stream** [BCL+22, SDB+23, TWM+25, BWB+22, CGGC+21, CZK+23, DPB+23, FAB+20, FMT+20, HGDW24, IFU+20, LHL+21, MACC24, MKP+23, MHSL22, MGI+22, PSE+20, RGP+22, RVS+22, SBB20]. **streambed** [OSK+24, RBAC+20]. **streams** [AFH+21, ARBvS+21, BHR+23, BHSL21, BCL+22, BKC20, BMH+25, BRM+23, BRB+22, CTF+21, DRA+23, FBJ+23, GGDB25, LLC21, MA21, MGGRR+21, RSLW23, RWT+21, RRHS+21,

RHP+23, RBSB22, SPR22, TKW+23, WK21]. **strength** [DMM+21, WWB+20]. **stress** [ALH+21, BGvL+25, EFP+21, FLH+23, LRdGFP23, MRC+24, MRT+24, WWB+20]. **stressed** [BWV+20]. **stressors** [ABC+21, HHMH22]. **Strong** [BLS20, GCMJ23, GELME+24, OHK+24, SJJ+21, AH20, KTA+21, LMM+21, LHH24, MSGW+20, WXK+22]. **stronger** [BZK+22]. **strongly** [LRNG24, RGW+23]. **Structural** [KHHZ20]. **Structure** [LNR+20, BCY+24, BGM+22, BR22, CCFF21, CGD22, DBFC24, DFF+24, FWvA+21, FKN21, GSP+23, GGHBS+20, HCH+24, IJSC20, LWS+22, LHS+20, LLGP24, LDB+20, MMF+21, MSGW+20, MDDL22, PVB+24, PFB+22, PSNS22, RPKC22, SGM+22, SSK24, TMKB+22, WRC+21, WKCR25, WCZ+20, YvdHC+20, YAP+22]. **structures** [ASL+24, FHR+21, KTH+21, SIKU25]. **structuring** [SORGC+21]. **studies** [CBPNA22, KSF+23, TLMP24]. **study** [BBMD20, CZH+21, CB21a, HKM+20, JLMW21, KRM+20, LBvE23, LTJ+20, MAG+22, MCYR20, PHM21, SWOR20, SBT25, WTvD+22, CBN21]. **sub** [BJK+21]. **sub-Antarctic** [BJK+21]. **subalpine** [SEK20]. **subantarctic** [HCB+22, SBV+21]. **Subarctic** [HDK+21, BGG+20, CBS+21, DBFC24, MTP+23, MDDL22, MMG+21, MK21, OHK+24, PCJ+21, PPB+21, SWC+23, SSM21b, TION23, VKK+21, WOK+21]. **subecotypes** [TKA21]. **subglacial** [MP23]. **subject** [KWB21]. **Submarine** [RTM+21, WTS+25, BSC+24, FKN21, IÁSNCR21, KRM+20, LNR+20, WLK+21]. **submerged** [GCMJ23, GTNH25, HGMK22, dGKB24]. **Submesoscale** [FWvA+21]. **subpolar** [WF22]. **subpopulation** [DCJB22]. **subsidies** [EST+24, EFC+23, FW21]. **Subsidized** [BWV+20]. **substances** [YEF+24]. **substantially** [CKCB+23]. **substitution** [FMT+20, KMM+22, MDP+23]. **substrate** [CZA24, CLC+22, MKBSK19, dOKC+21]. **substrates** [DWW+21, HP20, MHMML+22]. **Subsurface** [KWB21, GLN+20, SSH+22, SLJ+22]. **subterranean** [BPL22, CMdlPÁS+24, WAPC20]. **subtidal** [SSEO21, SPKM22, SMKS22]. **Subtle** [LGI+20]. **Subtropical** [HYPG+22, RPKC22, TKA21, ZBNH+21, BAD+21, CKH+21, FIH+20, GLAHH+23, GMC+25, HZZ+20, LSCL21, LBL+24, MZW+21, SGS22, VLP+21, WPY+20, YMSH20, YOXC23, YAE+23, YAE+24, ZLU+20]. **Successful** [SBH23]. **successfully** [FDB24]. **succession** [ACE+22, BHN+24, CLGH23, LVZ21, NGSS23, PWS+20]. **Successional** [THT+20, BFE+20, GLARS25, vHHP+21]. **successive** [MWV22]. **succumb** [FLH+23]. **sudden** [ZZL+21]. **sugars** [GAS+23]. **suggest** [PKV20, WF22]. **suggests** [DAB+21]. **suitable** [GPDA+20, SBJ+24]. **Sulfate** [MWHR+22, SSM+21a, KWS+21, PUH+23, SJR21, SZY+20, THL+21]. **Sulfate-** [MWHR+22]. **sulfate-dependent** [SZY+20]. **sulfate-enriched** [KWS+21]. **sulfate-reducing** [SJR21]. **sulfated** [HVMS+21]. **sulfide** [LCS+24, MT23, THL+21, XYZ+21]. **Sulfolipid** [MDP+23]. **Sulfur** [CCK+21, ORRMD+21, HDK+21, LWC+24, MZXY22, MY23, PUH+23, PMZ+25, THL+21]. **Summer** [DCF+22, LCS+24, PFB+22, ACA+22, CSNS24, CLP+24, DMM+21, JHvL+23, KCT23, LWC+24, LNC+23, MBH+23, MAG+22, PW22, PGN+21, SBM+21, SHE+21, VJH+22, ZLW21b]. **summertime** [OHK+24, RHA+23, SLJ+22, ZZJ+25]. **Superior** [PUH+23, SRL+20]. **superoxide** [AFM23]. **supersaturated** [LSW+20b]. **supersaturation** [CM20a, SBW+20]. **supervised** [SCC+21]. **supplements** [LRdGFP23]. **Supply** [SCT+21, CHA+24a, GMI+21, LLC+23, LL23, MFGF+22]. **Supply-controlled** [SCT+21]. **support** [LAB+22, SWC+23, WDL+24]. **supported** [SZY+20]. **supporting** [HMB+22]. **supports** [FSM+21, GCP+25, MK20, SPLJA+20, SBW+20]. **Surface** [GLAHH+23, BM22, BMR+25, CCB+20, DNB+20, JLS+20, KMV+20, KTH+21, MCS+23, OCCW24, PATL+23, SIP21, TCP+22, WDG+21, YPF+23, ZZO+21]. **surficial** [ZPK+22]. **surges** [LHH24]. **surrogates** [FDB24]. **surrounding** [AGC+21]. **surroundings** [RNW+23]. **surveillance** [ARB+22]. **survey** [DMM+21, MVP+20]. **surveys** [ACW+22, LDG+21]. **Survival** [SRN+21, CGR22, HSP+20, KHB22, RVBP23, vdPAV+20]. **survive** [WRA+23]. **susceptibility** [SIP21]. **suspended** [DWS+22, DLL20, JLS+20, SAD+20, YEF+24]. **suspension** [RTK23]. **sustained** [CCC+21]. **sustaining** [YLT+20]. **sustains** [BVL+23, MBLA+21]. **Svalbard** [JLMW21]. **swimming** [CLT+22, SNH+25, WGK+24b]. **Switches** [YAE+24]. **Switzerland** [PSE+20]. **Symbiodiniaceae** [RCH+20]. **symbiont** [MSD23]. **symbionts** [BCFI+22]. **symbiosis** [WWGP21]. **Symbiotic** [FPBG+22]. **sympatric** [CSB22, WRMP22]. **sympatry** [CBS+21, PPB+21]. **symptoms** [GÖA+23]. **Syn** [HCNO+20]. **Synchronized** [BRCO21]. **synchronous** [FR23, MRD+21]. **Synchrony** [GGDB25, BVGQN22, DPB+23]. **Synechococcus** [LSCL21, WSLC22, ZLW+21a]. **Synergistic** [LZM+21]. **synthesis** [AWB+23, BGvL+25, MA21, MGWS23, TLMP24, WRA+23]. **syntopy** [BRB+22]. **system** [DGD+24, FIH+20, GFT+24, HSLB25, KX22, KSMCL24, KHCG+22, LTW+24, RMW+21, SBCF24, SWZ+23, SSC+25, TJL+24, VKGW22, WPY+20, YIS+24, ZLU+20, ZJW+22, dMKB+20, ACE+22, CMB+21]. **system-wide** [KHCG+22]. **Systematic** [BGG+20, CSGI+24]. **systematically** [PKV20]. **systems** [BW25, HEH+20, HMB+20, HSLB25, KTA+21, KSF+23, LABM20, QS21, RBR+24, SBH23, YEF+24].

**Tackling** [CDH+21]. **tadpole** [BWB+22]. **Taihu** [XMP+21, GZX+22, XDQ+22]. **tailings** [LMS+21]. **Taiwan** [LHS+20, ZSZ+24]. **tank** [ALG+23, SEG21]. **target** [BMGK22]. **Tasmania** [LWvdM+21]. **taurine** [CDA+20]. **taxa** [OMM21]. **Taxon** [OLFH21, vdPAV+20, Ano24a, CLG+24, GCEM+23, SIKU25]. **taxon-based** [SIKU25]. **Taxon-specific** [OLFH21, vdPAV+20, Ano24a, CLG+24]. **taxonomic** [GWS+21, HNS21, PGEB22, SRM23, vdPMF+21]. **techniques** [OAM+22]. **Temperate** [MWV22, AFH+21, AFH+22, AHCF22, BGvL+25, BCY+24, CTM+21, CÖL+20, DCJB22, DdEM+23, FBJ+23, FR23, GWS+21, GTNH25, HBS+22, HEH+20, HSV22, HAB+24, KHB22, LAD+22, LHMR23, MTP+23, MGL22, MLC+21, MURK20, NB23, PSK21, RHA+23, RVvB+23, RWS+22, SPBK21, SML21b, SWK+23, SOT+20, TJW+22, VJS+20, WBB+21, WLK+21, WSC+25, YJS+25]. **Temperature** [BCY+24, BRV+25, MKL+24, OBL21, PSK21, SMD21, AAB+22, AFH+21, AFK+22, BM22, BMB22, BMH+23, BWSW24, CGR22, CT23, CHAA21, DWR+23, DCK+22, DAD+21, DKW+21, Edm21a, FLH+23, GR24, GMC+25, HAC+24, HM20, IOS24, JLR+22, KDV+23, Lem20, LSCL21, LNC+23, LSDA21, MVP+20, MRT+24, NCO+24, PBC21, Phi20, Phi21, RRH+24, SJH20, STB22, SHZ+21, SMKS22, TRG24, VLP+21, XDQ+22, ZXE+23]. **Temperature-dependent** [OBL21]. **temperatures** [BBWB24, NB23, OJUN23, SIP21, SBCF24, SSL22, SGM+21]. **Temporal** [HLH+23, HDD+22, ZSF+23, AH20, AHF+22, FBR+23, LSC+21, LHS+20, MV22a, MV22b, NB20, RHA+23, RWT+21, Roy20, RKBT+23, SMNT22, WZCK20, ZBNH+21]. **temporally** [FR23]. **temporary** [CTF+21, FW21, GCEM+23, GPB+20]. **Ten** [FJP+21]. **tension** [FUJE24]. **term** [BGvL+25, BCWS23, BBMD20, BMH+23, CB21a, CHA+24b, DAD+21, FHMK20, FBV23, GdJA+25, GBHF21, HBR+22, LAD+22, LRNG24, LVHK20, Lem20, LGQ+21, LZM+21, MVP+20, MKBSK19, MNMJ+21, ORE20, RSLW23, REvdMO24, SJH20, SGM+21, TMS+21, YAH+21, MKBSK19]. **terminated** [vHLV+20]. **ternary** [ZJW+22]. **terrain** [GPDA+20]. **Terrestrial** [SOT+20, WDL+24, YML+21, AVS+22, TSX+23]. **terrigenous** [LL23, ZCZ+23]. **test** [BO20, PPB+21, SIKU25]. **test-bearing** [BO20]. **Testing** [CFC+20, LD22, SB22]. **Tetradesmus** [ZSZ+21]. **tetraethers** [ZLL+24]. **Thaumarchaeota** [TRS+20]. **thaw** [FBP20, PWS+20]. **their** [BDMGH+23, BCFI+22, BCA+20, CHA+24b, FPBG+22, HBG+22, HMBB21, HGA24, LLMM+23, MLS+21, MIR+22, ZLW+21a, ZLL+21]. **Thermal** [BCFI+22, AR20, CHA+24b, EFP+21, KKP+21, MRC+24, MSD23, PLC+24, SMK24]. **thermally** [EAF+22]. **thermokarst** [HABL+21, KSH+23, LPA+23, PWS+20, ZSK+21]. **Thiamine** [WK21]. **thickest** [SRN+21]. **Thin** [PLLM21, GBC+20]. **Think** [OYM+20]. **threatens** [GB25]. **Three** [CLT+22, CR25, EWF22, MHL+20, MZW+21, VGvdB+21]. **Three-dimensional** [CLT+22]. **threshold** [HMBB21]. **Thresholds** [RS21, DCAB24]. **throughout** [SGSD+22]. **throughput** [BBGM20, WZCK20]. **Tibetan** [DLC+22, XTJW21]. **Tidal** [SMK24, YOXC23, BD22, FSdS+24, HSBC20, PBP+23, PNT+21, RWMP+23, SVBT20, SWK+23, STO+24, WLSD21, WSC+25, XWL+21, ZGdS+24, ZvBZ+20, dSMPC24]. **tidal-flat** [BD22]. **Tidally** [CSC+21, FHR+21, WTS+25]. **tide** [MMF+24]. **tides** [ZSZ+22]. **tidewater** [RBR+24]. **Tight** [HJWP24, XKP+22]. **Time** [CBN21, FMMD+25, FIH+20, LABM20, Phi20, Phi21, TRS+20, BCY+24, BHA+22, CON+24, FWvA+21, FHMK20, FR23, FMT+20, GWS+21, HRK+22, LvBS+22, LHD+20, MO23,

MKD22, QS21, RCMA21, SDL22, SGM+22, WDG+21]. **Time-series** [CBN21, FIH+20, LABM20, WDG+21]. **Time-varying** [Phi20, Phi21]. **times** [EAF+22, RTK23]. **timing** [BBM21, HAC+24, SJJ+21]. **Tipping** [CBPNA22, TRG24]. **tissue** [SWS+22]. **TN** [FBV23]. **TOC** [Ano20-50, Ano20-51, Ano20-52, Ano20-53, Ano20-54, Ano20-55, Ano20-56, Ano20-57, Ano20-58, Ano20-59, Ano20-60, Ano20-61, Ano21-41, Ano21-42, Ano21-43, Ano21-44, Ano21-45, Ano21-46, Ano21-47, Ano21-48, Ano21-49, Ano21-50, Ano21-51, Ano21-56, Ano21-52, Ano22-44, Ano22-45, Ano22-46, Ano22-47, Ano22-48, Ano22-49, Ano22-50, Ano22-51, Ano22-52, Ano22-53, Ano22-54, Ano22-55, Ano22d, Ano22-56, Ano23-37, Ano23-38, Ano23-39, Ano23-40, Ano23-41, Ano23-42, Ano23-43, Ano23-44, Ano23-45, Ano23-46, Ano23-47, Ano23-48, Ano24-33, Ano24-34, Ano24-35, Ano24-36, Ano24-37, Ano24-38, Ano24-39, Ano24-40, Ano24-41, Ano24-42, Ano25j, Ano25k, Ano25l]. **Tolerance** [RBD22, EFP+21, SSL22, ZZCD23, vHHP+22]. **tolerant** [CTM+21]. **tomography** [IKN+21, MMLPRHCG22]. **tool** [ZLL+24]. **top** [BMA+20, BD22, GÖA+23, LLBC20, RS20]. **top-down** [BMA+20, BD22, GÖA+23, LLBC20, RS20]. **topology** [GRJ20]. **Total** [WGK24a, DSY20, MCS+23, MGGRR+21, QFM+21, XYL+23]. **toxic** [BMGK22, LBvE23, SKB+22, ZJ22b]. **toxicity** [BH21, BK20, RD23]. **toxigenic** [MBB+20]. **toxin** [LLC+24, MTT+24, WOT+23]. **TP** [FBV23]. **Trace** [WOMWR20, BBA+23, DBB+21, HKM+20, KDZ+24, ZLL+24]. **Tracing** [CDW+24, VCT+23, LLC+23]. **track** [ZZO+21]. **trade** [BH21]. **trade-offs** [BH21]. **trades** [BK20]. **Trait** [VMP+21, GRJ20, LEB21, LVZ21, MLB+21, MO23, RRH+24, SIKU25, WSZ22a, WSZ22b, vHHP+22]. **Trait-based** [VMP+21, LEB21, MLB+21, SIKU25, WSZ22a, WSZ22b, vHHP+22]. **trait-environment** [LVZ21]. **traits** [CZH+21, DTPV21, EG20, FRRG+21, HMBB21, KHK+22, LEB21, OAM+22, WOT+23, ZGdS+24]. **trajectories** [MNMJ+21, WPO+22]. **transcriptional** [CTP21]. **transcriptomics** [MK20]. **transect** [DWS+22, JLS+20, JSL+23, KPS21]. **transfer** [ALH+21, HPF+23, JYA21, RSP+24, SWZ+23, TRC+25, vGDH+21]. **transfers** [YZX+24]. **transform** [SJH20]. **Transformation** [HOB+22, MZXY22, BKMY21, KRM+20, TFI+24, ZLW+21a]. **transformations** [HGDW24, SEK20]. **transient** [NKH+23]. **transition** [BVGQN22, CLP+24, DGD+24, KWS+21, SBM+21, YGD+21]. **Transitioning** [BDE+22]. **transitions** [FDF+21]. **transparency** [BJS23a, DLC+22, KLO23]. **transplanted** [MGP+21]. **Transport** [CMdlPÁS+24, BGAD+22, FHR+21, FGO+20, GLN+20, GLN+21, GPDA+20, KPM+20, LZG21, MDBI20, MMF+24, MLP21b, MURK20, OBL20, QS21, RPA+22, VJS+20, WKRL+23, XLN21]. **trap** [BH21, DLDF21, GWS+21, MTB+21]. **travel** [BCY+24]. **Trench** [FUUG+21, SML+21a]. **trends** [BBMD20, BJG+22, DKPS23, GBHF21, LDB+20]. **triad** [SSA+23]. **tributary** [MBB+20]. **Trichodesmium**

[EBW$^+$20, SdBW$^+$23, WBAG24, ZFQ$^+$20]. **trigger** [GELME$^+$24]. **triggering** [MAR$^+$24]. **triggers** [LMS$^+$21]. **triple** [LHGJ21]. **tritrophic** [EG20]. **Trophic** [CDH$^+$21, MSL21, MBC$^+$21, MCYR20, NDP$^+$24, PMRG20, WMTJW22, BOC$^+$21, CAV$^+$22, CUS21, HCH$^+$24, KPL$^+$20, LGQ$^+$21, LLGP24, MPW$^+$23, PVB$^+$24, PMF$^+$21, RFB$^+$22, RBAC$^+$20, SWOR20, SPR22, SSWM20, THVJ23, VGSB23, WWGP21, WKCR25, YvdHC$^+$20, YZX$^+$24]. **Tropical** [BYB$^+$23, EBK$^+$20, ETMD23, FSS$^+$23, GdJA$^+$25, SMW$^+$21, AAB$^+$22, ACW$^+$22, AHCJ$^+$20, BLS$^+$22, BPL22, CCFF21, ChHC$^+$24, CDH$^+$21, CMCC24, CLM25, CBD$^+$23, DBM$^+$23, DNA$^+$22, FMT$^+$20, GCEM$^+$23, GLAHH$^+$23, KBvdD$^+$20, LBG$^+$22, LSDA21, MA21, MHdS$^+$21, MHVC22, NB20, PBGGRB21, RMW$^+$21, SVMM$^+$22, SDB$^+$23, TRC$^+$25, THVJ23, YAL$^+$25]. **Trough** [GNO22]. **tuna** [OFM$^+$21, OLR$^+$23]. **tundra** [LMM$^+$21, ZSK$^+$21]. **tunicate** [ST22]. **Turbidity** [RS20, BRHS20]. **Turbulence** [MBA$^+$21, EWF22, FIM$^+$22, GFG$^+$22, TGE$^+$21]. **Turbulent** [HMOY25, LXC$^+$21a]. **Turnover** [GB21, BGM$^+$21, KBB$^+$22, LD22, MRC$^+$24, PKV20, SB22]. **turtle** [JHBB22]. **twilight** [BO20, KCT23]. **Two** [AHCF22, CTM$^+$21, ACW$^+$22, BCL$^+$22, CMdlPÁS$^+$24, CB21a, FÖJ$^+$24, HTLP23, HOB$^+$22, LHMR23, LHH24, MLC$^+$21, MSG$^+$22, SPBK21, WRHR22, WAPC20, YEF$^+$24, ZLA$^+$24]. **type** [BH24, dSNIB22]. **types** [CGGC$^+$21, HPCH24, KKA22, ZLG$^+$23]. **typhoon** [SYT$^+$21, TNK$^+$22]. **typhoon-induced** [SYT$^+$21, TNK$^+$22]. **typhoons** [LLC$^+$23]. **Typical** [QS21, HZZ$^+$25].

**U.S** [MMF$^+$21, ZZJ$^+$25]. **U.S.** [HM20, MSJ21]. **U.S.A** [HSD$^+$20]. **U.S.A.** [HTLP23, YJB$^+$20]. **Ubatuba** [PLLM21]. **Ubiquitous** [STB$^+$24]. **UCYN** [GFW$^+$20]. **UCYN-A** [GFW$^+$20]. **ultraviolet** [PC21, YG23, ZFQ$^+$20]. **uncertain** [FM21]. **uncertainties** [MBD$^+$22, RST$^+$21]. **Uncertainty** [CSD$^+$24, CSGI$^+$24]. **uncharacterized** [CBB$^+$22]. **uncultured** [LOW$^+$20]. **Under-ice** [HS21, OBL20, SGL$^+$23, BW25, KFHS24]. **underappreciated** [ZXZ$^+$23]. **underestimated** [PKV20]. **underlie** [GFT$^+$24, JSE$^+$25]. **underlies** [YvdHC$^+$20]. **underlying** [BWB$^+$22, CBB$^+$22, HPF$^+$23]. **Understanding** [BPG$^+$22, KHK$^+$22, MMLPRHCG22, ALG$^+$23, HAB$^+$24, MVBG20, MGG$^+$24, SBD$^+$21]. **underwater** [FIH$^+$20, HZS21, KAC$^+$23]. **undescribed** [KKP$^+$21]. **undisturbed** [EFC$^+$23]. **Unexpected** [BHSL21, MKP$^+$23, dOKC$^+$21, PRL$^+$25]. **unicellular** [CXK$^+$25, DCK$^+$22, LTLH22, MK20]. **unique** [CYZZ$^+$20, STB$^+$24, SRM23]. **United** [BCTH20, CCA$^+$21, DRA$^+$23, FBK$^+$22, GGR24]. **Universal** [LEB21]. **Unlocking** [RCH$^+$20]. **unproductive** [BYS$^+$23]. **Unraveling** [JLW$^+$23]. **unvegetated** [SSEO21]. **upgrades** [TCS21]. **upland** [BGM$^+$22]. **upper** [BM22, BMB22, ORRMD$^+$21, PGB24, YEF$^+$24, dJSS24]. **upper-ocean** [dJSS24]. **Uptake** [FSH$^+$23, ARBvS$^+$21, BRB$^+$20, BDL$^+$21, CDA$^+$20, GDB20, HANW21,

HCS+21, KP20, LLMM+23, LD22, MBH+23, MUGL20, MAD+22, MSB+22, MDIY23, REvdMO24, RCH+20, SSR+23, WM20, SB22]. **Upwelling** [CMY+25, BVGQN22, CMB+21, FBR+23, FUJE24, HSP+20, IÁSNCR21, KLO23, KDV+23, LLC+23, LTW+24, MXL+21, REF+21, SBL+21, SLZ+21b, SSC+25]. **upwelling-driven** [BVGQN22]. **urban** [TBH+22]. **urbanization** [IYW+22]. **urchin** [OSR20, SH22]. **urea** [SHE+21, SBB+21]. **urea-derived** [SHE+21]. **USA** [PCC+24, DP22, LZG21, VMT+24]. **Use** [LvBS+22, BCTH20, BSB+20, BMS+22, CLA+24, DCAB24, FDHS20, GZX+22, HPCH24, IFU+20, MO23, MGI+22, RTM+20, SBB+21, SOWP24, VCT+23]. **use/land** [MGI+22]. **uses** [SML21b]. **Using** [FMT+20, GF21, MMF+24, YIS+24, BW25, BGAD+22, BHN+24, CDW+24, CZK+23, DFJ22, DMS+21, FHR+21, FHMK20, IKN+21, KFHS24, LZG21, MGWS23, NCO+24, RPA+22, SJH20, SBCF24, SIKU25, TVB+21, VMP+21, WMTJW22, WDS+23, dGKB24]. **usual** [AAC+21]. **utility** [RWL+24]. **utilization** [BAD+21, BMR+25, LD22, MBLA+21, PDK+23, RCH+20, SB20].

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[Ano22y] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 67(8):i, August 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMq**

[Ano22z] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 67(9):i, September 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMs**

[Ano22-27] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 67(10):i, October 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMu**

[Ano22-28] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 67(11):i, November 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMw**

[Ano22-29] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 67(12):i, December 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMba**

[Ano22-30] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 67(S2):i, November 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMb**

[Ano22-31] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(1):iv, January 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMd**

[Ano22-32] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(2):iv, February 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMf**

[Ano22-33] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(3):iv, March 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMh**

[Ano22-34] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(4):iv, April 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMj**

[Ano22-35] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(5):iv, May 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMl**

[Ano22-36] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(6):iv, June 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMn**

[Ano22-37] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(7):iv, July 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMp**

[Ano22-38] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(8):iv, August 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMr**

[Ano22-39] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(9):iv, September 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMt**

[Ano22-40] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(10):iv, October 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMv**

[Ano22-41] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(11):iv, November 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMx**

[Ano22-42] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(12):iv, December 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IIMbb**

[Ano22-43] Anonymous. Issue information & members. *Limnology and Oceanography*, 67(S2):iv, November 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITa**

[Ano22-44] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(1):iii, January 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITb**

[Ano22-45] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(2):iii, February 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITc**

[Ano22-46] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(3):iii, March 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITd**

[Ano22-47] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(4):iii, April 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITe**

[Ano22-48] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(5):iii, May 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITf**

[Ano22-49] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(6):iii, June 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITg**

[Ano22-50] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(7):iii, July 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITh**

[Ano22-51] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(8):iii, August 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITi**

[Ano22-52] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(9):iii, September 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITj**

[Ano22-53] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(10):iii, October 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITk**

[Ano22-54] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(11):iii, November 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITl**

[Ano22-55] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(12):iii, December 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2022:IITn**

[Ano22-56] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 67(S2):iii, November 2022. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICa**

[Ano23a] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(1):ii, January 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICb**

[Ano23b] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(2):ii, February 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICc**

[Ano23c] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(3):ii, March 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICd**

[Ano23d] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(4):ii, April 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICf**

[Ano23e] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(5):ii, May 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICg**

[Ano23f] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(6):ii, June 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICh**

[Ano23g] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(7):ii, July 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICi**

[Ano23h] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(8):ii, August 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICj**

[Ano23i] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(9):ii, September 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICk**

[Ano23j] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(10):ii, October 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICl**

[Ano23k] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(11):ii, November 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IICm**

[Ano23l] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 68(12):ii, December 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMa**

[Ano23m] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(1):i, January 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMc**

[Ano23n] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(2):i, February 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMe**

[Ano23o] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(3):i, March 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMg**

[Ano23p] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(4):i, April 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMi**

[Ano23q] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(5):i, May 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMk**

[Ano23r] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(6):i, June 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMm**

[Ano23s] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(7):i, July 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMo**

[Ano23t] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(8):i, August 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMq**

[Ano23u] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(9):i, September 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMs**

[Ano23v] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(10):i, October 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMu**

[Ano23w] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(11):i, November 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMw**

[Ano23x] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 68(12):i, December 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMb**

[Ano23y] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(1):iv, January 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMd**

[Ano23z] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(2):iv, February 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMf**

[Ano23-27] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(3):iv, March 2023. CODEN LIOCAH. ISSN 0024-3590.

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[Ano23-28] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(4):iv, April 2023. CODEN LIOCAH. ISSN 0024-3590.

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[Ano23-29] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(5):iv, May 2023. CODEN LIOCAH. ISSN 0024-3590.

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[Ano23-30] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(6):iv, June 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMn**

[Ano23-31] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(7):iv, July 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMp**

[Ano23-32] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(8):iv, August 2023. CODEN LIOCAH. ISSN 0024-3590.

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[Ano23-33] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(9):iv, September 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMt**

[Ano23-34] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(10):iv, October 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMv**

[Ano23-35] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(11):iv, November 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IIMx**

[Ano23-36] Anonymous. Issue information & members. *Limnology and Oceanography*, 68(12):iv, December 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITa**

[Ano23-37] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(1):iii, January 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITb**

[Ano23-38] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(2):iii, February 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITc**

[Ano23-39] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(3):iii, March 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITd**

[Ano23-40] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(4):iii, April 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITe**

[Ano23-41] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(5):iii, May 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITf**

[Ano23-42] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(6):iii, June 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITg**

[Ano23-43] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(7):iii, July 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITh**

[Ano23-44] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(8):iii, August 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITi**

[Ano23-45] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(9):iii, September 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITj**

[Ano23-46] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(10):iii, October 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITk**

[Ano23-47] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(11):iii, November 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2023:IITl**

[Ano23-48] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 68(12):iii, December 2023. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:CZN**

[Ano24a] Anonymous. Correction to "Zooplankton in northern lakes show taxon-specific responses in fattyacids across climate-productivity and ecosystem size gradients". *Limnology and Oceanography*, 69(6):1464, June 2024. CODEN LIOCAH. ISSN 0024-3590. See [CLG+24].

**Anonymous:2024:CCM**

[Ano24b] Anonymous. Corrigendum to "Combining modeling with novel field observations yields new insights into wintertime food limitation of larval fish". *Limnology and Oceanography*, 69(7):1665–1667, July 2024. CODEN LIOCAH. ISSN 0024-3590. See [APB+23].

**Anonymous:2024:IICa**

[Ano24c] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(1):ii, January 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICb**

[Ano24d] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(2):ii, February 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICc**

[Ano24e] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(3):ii, March 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICd**

[Ano24f] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(4):ii, April 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICe**

[Ano24g] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(5):ii, May 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICf**

[Ano24h] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(6):ii, June 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICg**

[Ano24i] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(7):ii, July 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Ano24j] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(8):ii, August 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICi**

[Ano24k] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(10):ii, October 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IICj**

[Ano24l] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 69(12):ii, December 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMa**

[Ano24m] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(1):i, January 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMc**

[Ano24n] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(2):i, February 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMe**

[Ano24o] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(3):i, March 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMg**

[Ano24p] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(4):i, April 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMi**

[Ano24q] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(5):i, May 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMk**

[Ano24r] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(6):i, June 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMm**

[Ano24s] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(7):i, July 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMo**

[Ano24t] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(8):i, August 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Ano24u] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(10):i, October 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMs**

[Ano24v] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 69(12):i, December 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMb**

[Ano24w] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(1):iv, January 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMd**

[Ano24x] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(2):iv, February 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Ano24y] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(3):iv, March 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Ano24z] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(4):v, April 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMj**

[Ano24-27] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(5):iv, May 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Ano24-28] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(6):iv, June 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMn**

[Ano24-29] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(7):iv, July 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMp**

[Ano24-30] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(8):iv, August 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IIMr**

[Ano24-31] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(10):iv, October 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Ano24-32] Anonymous. Issue information & members. *Limnology and Oceanography*, 69(12):iv, December 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IITa**

[Ano24-33] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(1):iii, January 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IITb**

[Ano24-34] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(2):iii, February 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IITc**

[Ano24-35] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(3):iii, March 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IITd**

[Ano24-36] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(4):iii–iv, April 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IITe**

[Ano24-37] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(5):iii, May 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Ano24-38] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(6):iii, June 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IITg**

[Ano24-39] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(7):iii, July 2024. CODEN LIOCAH. ISSN 0024-3590.

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**Anonymous:2024:IITi**

[Ano24-41] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(10):iii, October 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2024:IITj**

[Ano24-42] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 69(12):iii, December 2024. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IICa**

[Ano25a] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 70(1):ii, January 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IICb**

[Ano25b] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 70(2):ii, February 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IICc**

[Ano25c] Anonymous. Issue information & copyright. *Limnology and Oceanography*, 70(3):ii, March 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IIMa**

[Ano25d] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 70(1):i, January 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IIMc**

[Ano25e] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 70(2):i, February 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IIMe**

[Ano25f] Anonymous. Issue information & masthead. *Limnology and Oceanography*, 70(3):i, March 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IIMb**

[Ano25g] Anonymous. Issue information & members. *Limnology and Oceanography*, 70(1):iv, January 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IIMd**

[Ano25h] Anonymous. Issue information & members. *Limnology and Oceanography*, 70(2):iv, February 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IIMf**

[Ano25i] Anonymous. Issue information & members form. *Limnology and Oceanography*, 70(3):iv, March 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IITa**

[Ano25j] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 70(1):iii, January 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IITb**

[Ano25k] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 70(2):iii, February 2025. CODEN LIOCAH. ISSN 0024-3590.

**Anonymous:2025:IITc**

[Ano25l] Anonymous. Issue information & TOC. *Limnology and Oceanography*, 70(3):iii, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[APB+23] Anna Akimova, Myron A. Peck, Gregor Börner, Cindy van Damme, and Marta Moyano. Combining modeling with novel field observations yields new insights into wintertime food limitation of larval fish. *Limnology and Oceanography*, 68 (8):1865–1879, August 2023. CODEN LIOCAH. ISSN 0024-3590. See correction [Ano24b].

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[AR20] Stephanie I. Anderson and Tatiana A. Rynearson. Variability approaching the thermal limits can drive diatom community dynamics. *Limnology and Oceanography*, 65(9):1961–1973, September 2020. CODEN LIOCAH. ISSN 0024-3590.

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[ARB+22] Lillian R. Aoki, Brendan Rappazzo, Deanna S. Beatty, Lia K. Domke, Ginny L. Eckert, Morgan E. Eisenlord, Olivia J. Graham, Leah Harper, Timothy L. Hawthorne, Margot Hessing-Lewis, Kevin A. Hovel, Zachary L. Monteith, Ryan S. Mueller, Angeleen M. Olson, Carolyn Prentice, John J. Stachowicz, Fiona Tomas, Bo Yang, J. Emmett Duffy, Carla Gomes, and C. Drew Harvell. Disease surveillance by artificial intelligence links eelgrass wasting disease to ocean warming across latitudes. *Limnology and Oceanography*, 67(7): 1577–1589, July 2022. CODEN LIOCAH. ISSN 0024-3590.

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[ARBvS+21] Christine Anlanger, Ute Risse-Buhl, Daniel von Schiller, Christian Noss, Markus Weitere, and Andreas Lorke. Hydraulic and biological controls of biofilm nitrogen uptake in gravel-bed streams. *Limnology and Oceanography*, 66(11): 3887–3900, November 2021. CODEN LIOCAH. ISSN 0024-3590.

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[ARPFGS23] Paulo Alcaraz-Rocha, Júlia Puig-Fàbregas, José Luis Garrido, and Cristina Sobrino. Ocean acidification affects pigment concentration and photoprotection of marine phytoplankton. *Limnology and Oceanography*, 68(4):831–844, April 2023. CODEN LIOCAH. ISSN 0024-3590.

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[ASH+20] William I. Atlas, Daniel T. Selbie, Carrie A. Holt, Steve Cox-Rogers, Charmaine Carr-Harris, Kara J. Pitman, and Jonathan W. Moore. Landscape and biophysical controls of lake productivity to inform evaluation of sockeye salmon (*Oncorhynchus nerka*) populations in data-limited regions. *Limnology and Oceanography*, 66(5):2205–2219, September 2020. CODEN LIOCAH. ISSN 0024-3590.

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[ASL+24] Loïc Van Audenhaege, Jozée Sarrazin, Pierre Legendre, Garance Perrois, Mathilde Cannat, Aurélien Arnaubec, and Marjolaine Matabos. Monitoring ecological dynamics on complex hydrothermal structures: a novel photogrammetry approach reveals fine-scale variability of vent assemblages. *Limnology and Oceanography*, 69(2):325–338, February 2024. CODEN LIOCAH. ISSN 0024-3590.

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[Aus24] Jay Austin. What controls the onset of winter stratification in a deep, dimictic lake? *Limnology and Oceanography*, 69 (12):2791–2800, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[AVJ+24] Salla A. Ahonen, Kristiina M. Vuorio, Roger I. Jones, Heikki Hämäläinen, Krista Rantamo, Marja Tiirola, and Anssi V. Vähätalo. Assessing and predicting the influence of chromophoric dissolved organic matter on light absorption by phytoplankton in boreal lakes. *Limnology and Oceanography*, 69(2):422–433, February 2024. CODEN LIOCAH. ISSN 0024-3590.

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[AVS+22] Eero Asmala, Joonas J. Virtasalo, Matias Scheinin, Sara Newton, and Tom Jilbert. Role of particle dynamics in processing of terrestrial nitrogen and phosphorus in the estuarine mixing zone. *Limnology and Oceanography*, 67(1):1–12, January 2022. CODEN LIOCAH. ISSN 0024-3590.

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[AWB+23] Abdullah M. Alowaifeer, Qian Wang, Brian Bothner, Ryan J. Sibert, Samantha B. Joye, and Timothy R. McDermott. Aerobic methane synthesis and dynamics in a river water environment. *Limnology and Oceanography*, 68(8):1762–1774, August 2023. CODEN LIOCAH. ISSN 0024-3590.

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[AWGV20] Isabelle M. Andersen, Tanner J. Williamson, Maria J. González, and Michael J. Vanni. Nitrate, ammonium, and phosphorus drive seasonal nutrient limitation of chlorophytes, cyanobacteria, and diatoms in a hyper-eutrophic reservoir. *Limnology and Oceanography*, 65(5):962–978, May 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BAD+21] Sarah K. Bercovici, Mar C. Arroyo, Daniele De Corte, Taichi Yokokawa, and Dennis A. Hansell. Limited utilization of extracted dissolved organic matter by prokaryotic communities from the subtropical North Atlantic. *Limnology and Oceanography*, 65(6):2509–2520, June 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BAHH+20] Thomas J. Browning, Ali A. Al-Hashem, Mark J. Hopwood, Anja Engel, Ewan D. Wakefield, and Eric P. Achterberg. Nutrient regulation of late spring phytoplankton blooms in the midlatitude North Atlantic. *Limnology and Oceanography*, 65(6):1136–1148, June 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BBA+23] Shannon M. Burns, Randelle M. Bundy, William Abbott, Zuzanna Abdala, Alexa R. Sterling, P. Dreux Chappell, Bethany D. Jenkins, and Kristen N. Buck. Interactions of bioactive trace metals in shipboard Southern Ocean incubation experiments. *Limnology and Oceanography*, 68(3):525–543, March 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BBCA+21] Kristen T. Brown, Dorothea Bender-Champ, Michelle Achlatis, Rene M. van der Zande, Andreas Kubicek, Storm B. Martin, Carolina Castro-Sanguino, Sophie G. Dove, and Ove Hoegh-Guldberg. Habitat-specific biogenic production and erosion influences net framework and sediment coral reef carbonate budgets. *Limnology and Oceanography*, 66(2):349–365, February 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BBGM20] Margaret Mars Brisbin, Otis Davey Brunner, Mary Matilda Grossmann, and Satoshi Mitarai. Paired high-throughput, in situ imaging and high-throughput sequencing illuminate acantharian abundance and vertical distribution. *Limnology and Oceanography*, 66(6):2953–2965, December 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BBH+20] Megan E. Berberich, Jake J. Beaulieu, Trinity L. Hamilton, Sarah Waldo, and Ishi Buffam. Spatial variability of sediment methane production and methanogen communities within a eutrophic reservoir: Importance of organic matter source and quantity. *Limnology and Oceanography*, 65(6):1336–1358, June 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BBL+21] Michael S. Brown, Jeff S. Bowman, Yajuan Lin, Colette J. Feehan, Carly M. Moreno, Nicolas Cassar, Adrian Marchetti, and Oscar M. Schofield. Low diversity of a key phytoplankton group along the West Antarctic Peninsula. *Limnology and Oceanography*, 66(6):2470–2480, June 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BBMD20] Amelie C. Berger, Peter Berg, Karen J. McGlathery, and Marie Lise Delgard. Long-term trends and resilience of seagrass metabolism: a decadal aquatic eddy covariance study. *Limnology and Oceanography*, 65(7):1423–1438, July 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BBWB24] Benedict Borer, Eric Bi, Ryan J. Woosley, and Andrew R. Babbin. Apparent nitrous acid dissociation across environmentally relevant temperatures in freshwater and seawater. *Limnology and Oceanography*, 69(12):2859–2866, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[BC20] Andrea G. Bravo and Claudia Cosio. Biotic formation of methylmercury: a bio–physico–chemical conundrum. *Limnology and Oceanography*, 65(5):1010–1027, May 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BCFI+22] Marina T. Botana, Adriano B. Chaves-Filho, Alex Inague, Arthur Z. Güth, Flavia Saldanha-Corrêa, Marius N. Müller, Paulo Y. G. Sumida, Sayuri Miyamoto, Matthias Y. Kellermann, Raymond C. Valentine, and Marcos Y. Yoshinaga. Thermal plasticity of coral reef symbionts is linked to major alterations in their lipidome composition. *Limnology* *and Oceanography*, 67(7):1456–1469, July 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BCY+24] Ted Bambakidis, Byron C. Crump, Byungman Yoon, Ethan D. Kyzivat, Kelly S. Aho, Charles F. Leal, Jennifer H. Fair, Aron Stubbins, Sasha Wagner, Peter A. Raymond, and Jacob D. Hosen. Temperature, water travel time, and dissolved organic matter structure river microbial communities in a large temperate watershed. *Limnology and Oceanography*, 69(7):1618–1635, July 2024. CODEN LIOCAH. ISSN 0024-3590.

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[BDC+24] Giulia Borgomaneiro, Andrea Di Cesare, Cristiana Callieri, Gianluca Corno, Diego Fontaneto, Roberta Piscia, and Ester M. Eckert. Zooplankton grazing reduces the persistence of an anthropogenic pollution marker in lake water. *Limnology and Oceanography*, 69(8):1870–1881, August 2024. CODEN LIOCAH. ISSN 0024-3590.

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[BDE+22] Philip W. Boyd, Scott C. Doney, Sam Eggins, Michael J. Ellwood, Marion Fourquez, Brook L. Nunn, Robert Strzepek, and Emma Timmins-Schiffman. Transitioning global change experiments on Southern Ocean phytoplankton from lab to field settings: Insights and challenges. *Limnology and Oceanography*, 67(9):1911–1930, September 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BDMGH+23] Claudia Bommarito, Dakeishla M. Díaz-Morales, Tamar Guy-Haim, Simona Noè, Jules Delasalle, Björn Buchholz, Maral Khosravi, Gil Rilov, Bernd Sures, and Martin Wahl. Warming and parasitism impair the performance of Baltic native and invasive macroalgae and their associated fauna. *Limnology and Oceanography*, 68(8):1852–1864, August 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BEM+25] Janet E. Burke, Leanne E. Elder, Amy E. Maas, Daniel E. Gaskell, Elizabeth G. Clark, Allison Y. Hsiang, Gavin L. Foster, and Pincelli M. Hull. Physiological and morphological scaling enables gigantism in pelagic protists. *Limnology and Oceanography*, 70(2):461–476, February 2025. CODEN LIOCAH. ISSN 0024-3590.

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[BFCC+21] Patricia Briones-Fourzán, Julio Candela, Laura Carrillo, Alí F. Espinosa-Magaña, Fernando Negrete-Soto, Cecilia Barradas-Ortiz, Edgar Escalante-Mancera, Rubén Muñoz de Cote-Hernández, Rogelio Martínez-Calderón, and Enrique Lozano-Álvarez. Metamorphosis of spiny lobsters (*Panulirus argus* and *Panulirus guttatus*) in the Yucatan Current as inferred from the distribution of pueruli and final stage phyllosomata. *Limnology and Oceanography*, 66(9):3421–3438, September 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BFE+20] Trace Borchardt, Kelsey V. Fisher, Alina M. Ebling, Jason R. Westrich, Peng Xian, Christopher D. Holmes, William M. Landing, Erin K. Lipp, Michael S. Wetz, and Elizabeth A. Ottesen. Saharan dust deposition initiates successional patterns among marine microbes in the Western Atlantic. *Limnology and Oceanography*, 65(1):191–203, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BFW+22] Janina Vanessa Büscher, Armin Uwe Form, Max Wisshak, Rainer Kiko, and Ulf Riebesell. Cold-water coral ecosystems under future ocean change: Live coral performance vs. framework dissolution and bioerosion. *Limnology and Oceanography*, 67(11):2497–2515, November 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BGAD+22] D. K. Bharti, Katell Guizien, M. T. Aswathi-Das, P. N. Vinayachandran, and Kartik Shanker. Connectivity networks and delineation of disconnected coastal provinces along the Indian coastline using large-scale Lagrangian transport simulations. *Limnology and Oceanography*, 67(6):1416–1428, June 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BGG+20] Martin Berggren, Cristian Gudasz, Francois Guillemette, Geert Hensgens, Linlin Ye, and Jan Karlsson. Systematic microbial production of optically active dissolved organic matter in subarctic lake water. *Limnology and Oceanography*, 65 (5):951–961, May 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BGM+21] Francesca L. Brailsford, Helen C. Glanville, Miles R. Marshall, Christopher A. Yates, Alun T. Owen, Peter N. Golyshin, Penny J. Johnes, and Davey L. Jones. Land cover and nutrient enrichment regulates low-molecular weight dissolved organic matter turnover in freshwater ecosystems. *Limnology and Oceanography*, 66(8):2979–2987, August 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BGM+22] Judith A. Bjorndahl, Cale A. C. Gushulak, Stefano Mezzini, Gavin L. Simpson, Heather A. Haig, Peter R. Leavitt, and Kerri Finlay. Abrupt changes in the physical and biological structure of endorheic upland lakes due to 8-m lake-level variation during the $20^{th}$ century. *Limnology and Oceanography*, 67(5):1022–1039, May 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BGvL+25] Mareike G. Bach, Tamara Gademann, Maria A. van Leeuwe, J. Theo M. Elzenga, and Jacqueline Stefels. Coupling of dimethylsulfoniopropionate production and carbon fixation in four temperate phytoplankton species excludes active short-term regulation of dimethylsulfoniopropionate synthesis under increased light-stress. *Limnology and Oceanography*, 70(1):217–231, January 2025. CODEN LIOCAH. ISSN 0024-3590.

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[BH21] Hannah E. Blossom and Per Juel Hansen. The loss of mixotrophy in *Alexandrium pseudogonyaulax*: Implications for trade-offs between toxicity, mucus trap production, and phagotrophy. *Limnology and Oceanography*, 66(2):528–542, February 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BH24] Shun Bi and Martin Hieronymi. Holistic optical water type classification for ocean, coastal, and inland waters. *Limnology and Oceanography*, 69(7):1547–1561, July 2024. CODEN LIOCAH. ISSN 0024-3590.

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[BHA+22] Enrico Bertuzzo, Erin R. Hotchkiss, Alba Argerich, John S. Kominoski, Diana Oviedo-Vargas, Philip Savoy, Rachel Scarlett, Daniel von Schiller, and James B. Heffernan. Respiration regimes in rivers: Partitioning source-specific respiration from metabolism time series. *Limnology and Oceanography*, 67(11):2374–2388, November 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BHG+24] Nicholas Baetge, Kimberly H. Halsey, Jason R. Graff, Brian Ver Wey, Toby K. Westberry, Amanda E. Appel, Guillaume Bourdin, Charlotte Begouen Demeaux, Emmanuel Boss, and Michael J. Behrenfeld. Physiological and interspecific factors determine diel changes in phytoplankton biooptical properties. *Limnology and Oceanography*, 69(2):390–407, February 2024. CODEN LIOCAH. ISSN 0024-3590.

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[BHN+24] Michael J. Bowes, Michael G. Hutchins, David J. E. Nicholls, Linda K. Armstrong, Peter M. Scarlett, Monika D. Jürgens, Nuria Bachiller-Jareno, Isabelle Fournier, and Daniel S. Read. Predicting river phytoplankton blooms and community succession using ecological niche modeling. *Limnology and Oceanography*, 69(6):1404–1417, June 2024. CODEN LIOCAH. ISSN 0024-3590.

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[BHR+23] Ethan M. Baruch, Tamara K. Harms, Albert Ruhi, Mengdi Lu, Leah Gaines-Sewell, and John L. Sabo. Food web efficiency in desert streams. *Limnology and Oceanography*, 68 (3):723–734, March 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BHSG+20] John Paul Balmonte, Harald Hasler-Sheetal, Ronnie N. Glud, Thorbjørn J. Andersen, Mikael K. Sejr, Mathias Middelboe, Andreas Teske, and Carol Arnosti. Sharp contrasts between freshwater and marine microbial enzymatic capabilities, community composition, and DOM pools in a NE Greenland fjord. *Limnology and Oceanography*, 65(1):77–95, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BHSL21] Nathanael T. Bergbusch, Nicole M. Hayes, Gavin L. Simpson, and Peter R. Leavitt. Unexpected shift from phytoplankton to periphyton in eutrophic streams due to wastewater influx. *Limnology and Oceanography*, 66(7):2745–2761, July 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BJG+22] Ruchi Bhattacharya, John R. Jones, Jennifer L. Graham, Daniel V. Obrecht, Anthony P. Thorpe, James D. Harlan, and Rebecca L. North. Nonlinear multidecadal trends in organic matter dynamics in Midwest reservoirs are a function of variable hydroclimate. *Limnology and Oceanography*, 67 (11):2531–2546, November 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BJK+21] Sonja Berg, Sandra Jivcov, Stephanie Kusch, Gerhard Kuhn, Duanne White, Gerhard Bohrmann, Martin Melles, and Janet Rethemeyer. Increased petrogenic and biospheric organic carbon burial in sub-Antarctic fjord sediments in response to recent glacier retreat. *Limnology and Oceanography*, 66(12):4347–4362, December 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BJS23a] Alex Barth, Rod Johnson, and Joshua Stone. Size and transparency influence diel vertical migration patterns in copepods. *Limnology and Oceanography*, 68(12):2749–2758, December 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BJS+23b] Abigail C. Bonnington, Rob C. Jamieson, Kathryn A. Smith, Allie Oliver, Lindsay H. Johnston, Nicole K. LeRoux, Lauren D. Somers, and Barret L. Kurylyk. Impacts of Extratropical Cyclone Fiona on a sensitive coastal lagoon ecosystem. *Limnology and Oceanography*, 68(12):2703–2715, December 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BK20] Emily R. Brown and Julia Kubanek. Harmful alga trades off growth and toxicity in response to cues from dead phytoplankton. *Limnology and Oceanography*, 65(8):1723–1733, August 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BKC20] Jennifer C. Bowen, Louis A. Kaplan, and Rose M. Cory. Photodegradation disproportionately impacts biodegradation of semi-labile DOM in streams. *Limnology and Oceanography*, 65(1):13–26, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BKMY21] Thomas W. Brooks, Kevin D. Kroeger, Holly A. Michael, and Joanna K. York. Oxygen-controlled recirculating seepage meter reveals extent of nitrogen transformation in discharging coastal groundwater at the aquifer–estuary interface. *Limnology and Oceanography*, 66(8):3055–3069, August 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BLRM24] Melissa L. Brock, Alyse A. Larkin, Eric J. Raes, and Adam C. Martiny. Bacterial biogeography of the Indian Ocean. *Limnology and Oceanography*, 69(1):67–80, January 2024. CODEN LIOCAH. ISSN 0024-3590.

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[BLS20] Terry-René W. Brown, Marc J. Lajeunesse, and Kathleen M. Scott. Strong effects of elevated $CO_2$ on freshwater microalgae and ecosystem chemistry. *Limnology and Oceanography*, 65(2):304–313, February 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BLS$^+$22] Xavier Benito, Melina Luethje, Tobias Schneider, Sherilyn C. Fritz, Paul A. Baker, Eric J. Pedersen, Pierre Gaüzère, Majoi de Novaes Nascimento, Mark Bush, and Albert Ruhi. Ecological resilience in tropical Andean lakes: a paleolimnological perspective. *Limnology and Oceanography*, 67(S1):S23–S37, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BM22] Samuel M. Bashevkin and Brian Mahardja. Seasonally variable relationships between surface water temperature and inflow in the upper San Francisco Estuary. *Limnology and Oceanography*, 67(3):684–702, March 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BMA+20] Mireia Bartrons, Thomas Mehner, Christine Argillier, Meryem Beklioglu, Petr Blabolil, Trygve Hesthagen, Kerstin Holmgren, Erik Jeppesen, Teet Krause, Samo Podgornik, Pietro Volta, Ian J. Winfield, and Sandra Brucet. Energy-based top-down and bottom-up relationships between fish community energy demand or production and phytoplankton across lakes at a continental scale. *Limnology and Oceanography*, 65(4):892–902, April 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BMB22] Samuel M. Bashevkin, Brian Mahardja, and Larry R. Brown. Warming in the upper San Francisco Estuary: Patterns of water temperature change from five decades of data. *Limnology and Oceanography*, 67(5):1065–1080, May 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BMCS23] Barbara Bayer, Kelsey McBeain, Craig A. Carlson, and Alyson E. Santoro. Carbon content, carbon fixation yield and dissolved organic carbon release from diverse marine nitrifiers. *Limnology and Oceanography*, 68(1):84–96, January 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BMG+23] Giancarlo Bachi, Elisabetta Morelli, Margherita Gonnelli, Cecilia Balestra, Raffaella Casotti, Valtere Evangelista, Daniel J. Repeta, and Chiara Santinelli. Fluorescent properties of marine phytoplankton exudates and lability to marine heterotrophic prokaryotes degradation. *Limnology and Oceanography*, 68(4):982–1000, April 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BMGK22] Emily R. Brown, Sam G. Moore, David A. Gaul, and Julia Kubanek. Predator cues target signaling pathways in toxic algal metabolome. *Limnology and Oceanography*, 67(6):1227–1237, June 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BMH+23] Charlotte L. Briddon, Mihai Miclăuş, Adriana Hegedüs, Maria Nicoară, Maria-Cecilia Chiriac, and Bogdan Drugă.

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[BMH+25] Joanna Brüsecke, Timo Muotka, Kaisa-Leena Huttunen, Kaisa Lehosmaa, and Jussi Jyväsjärvi. Benthic bacterial communities are shaped by browning in boreal headwater streams. *Limnology and Oceanography*, 70(3):718–731, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[BMR+21a] Martijn C. Bart, Benjamin Mueller, Titus Rombouts, Clea van de Ven, Gabrielle J. Tompkins, Ronald Osinga, Corina P. D. Brussaard, Barry MacDonald, Anja Engel, Hans Tore Rapp, and Jasper M. de Goeij. Dissolved organic carbon (DOC) is essential to balance the metabolic demands of four dominant North-Atlantic deep-sea sponges. *Limnology and Oceanography*, 66(3):925–938, March 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BMR+21b] Alice F. Besterman, Karen J. McGlathery, Matthew A. Reidenbach, Patricia L. Wiberg, and Michael L. Pace. Predicting benthic macroalgal abundance in shallow coastal lagoons from geomorphology and hydrologic flow patterns. *Limnology and Oceanography*, 66(1):123–140, January 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BMR+25] Randelle M. Bundy, Lauren E. Manck, Daniel J. Repeta, Matthew J. Church, Nicholas J. Hawco, Rene M. Boiteau, Jiwoon Park, Edward F. DeLong, and Mak A. Saito. Patterns of siderophore production and utilization at Station ALOHA from the surface to mesopelagic waters. *Limnology* *and Oceanography*, 70(1):128–145, January 2025. CODEN LIOCAH. ISSN 0024-3590.

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[BMS+22] Jill L. Brooks, Jonathan D. Midwood, Adam Smith, Steven J. Cooke, Bryan Flood, Christine M. Boston, Patricia Semecsen, Susan E. Doka, and Mathew G. Wells. Internal seiches as drivers of fish depth use in lakes. *Limnology and Oceanography*, 67(5):1040–1051, May 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BND+23] Hongyan Bao, Jutta Niggemann, Moge Du, Weiqiang Zhao, Dekun Huang, Yuanbi Yi, Jin-Yu Terence Yang, Thorsten Dittmar, and Shuh-Ji Kao. Deciphering sources and processing of dissolved black carbon in coastal seas. *Limnology and Oceanography*, 68(11):2562–2575, November 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BO20] Tristan Biard and Mark D. Ohman. Vertical niche definition of test-bearing protists (Rhizaria) into the twilight zone revealed by in situ imaging. *Limnology and Oceanography*, 65 (11):2583–2602, November 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BPG+22] Phaedra Budy, Casey A. Pennock, Anne E. Giblin, Chris Luecke, Daniel L. White, and George W. Kling. Understanding the effects of climate change via disturbance on pristine Arctic lakes — multitrophic level response and recovery to a 12-yr low-level fertilization experiment. *Limnology and Oceanography*, 67(S1):S224–S241, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BPIBN20] Douglas W. Bell, Perry J. Pellechia, Ellery D. Ingall, and Claudia R. Benitez-Nelson. Resolving marine dissolved organic phosphorus (DOP) composition in a coastal estuary. *Limnology and Oceanography*, 66(10):2787–2799, November 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BRB+20] Elliot Bastias, Miquel Ribot, Susana Bernal, Francesc Sabater, and Eugènia Martí. Microbial uptake of nitrogen and carbon from the water column by litter-associated microbes differs among litter species. *Limnology and Oceanography*, 65(8):1891–1902, August 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BRB+22] Pavel Karel Bystřický, Tereza Rutová, Vojtěch Brož, Magdalena Gajdošová, Petr Jan Juračka, Denis Copilaş-Ciocianu, and Adam Petrusek. Distribution patterns at different spatial scales reveal reproductive isolation and frequent syntopy among divergent lineages of an amphipod species complex in Western Carpathian streams. *Limnology and Oceanography*, 67(12):2796–2808, December 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BRCO21] Stéphane Blain, Mathieu Rembauville, Olivier Crispi, and Ingrid Obernosterer. Synchronized autonomous sampling reveals coupled pulses of biomass and export of morphologically different diatoms in the Southern Ocean. *Limnology* *and Oceanography*, 66(3):753–764, March 2021. CODEN LIOCAH. ISSN 0024-3590.

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[BRHS20] Caitlin O. Blain, T. Alwyn V. Rees, S. Christine Hansen, and Nick T. Shears. Morphology and photosynthetic response of the kelp *Ecklonia radiata* across a turbidity gradient. *Limnology and Oceanography*, 65(3):529–544, March 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BRM+23] Phillip M. Bumpers, Amy D. Rosemond, David W. P. Manning, John S. Kominoski, Jonathan P. Benstead, and Lee M. Demi. Experimental nutrient enrichment of forest streams reduces ecosystem nitrogen and phosphorus storage. *Limnology and Oceanography*, 68(7):1670–1685, July 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BRV+25] Jens Boyen, María T. Rodríguez, Bruno Vlaeminck, Patrick Fink, Pascal I. Hablützel, and Marleen De Troch. Temperature, pH, and diet interactively affect biosynthesis of polyunsaturated fatty acids in a benthic harpacticoid copepod. *Limnology and Oceanography*, 70(2):334–348, February 2025. CODEN LIOCAH. ISSN 0024-3590.

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[BSB+20] Angelo F. Bernardino, Christian J. Sanders, Lorena B. Bissoli, Luiz Eduardo de O. Gomes, J. Boone Kauffman, and Tiago O. Ferreira. Land use impacts on benthic bioturbation potential and carbon burial in Brazilian mangrove ecosystems. *Limnology and Oceanography*, 65(10):2366–2376, October 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BVL+23] Maciej Bartosiewicz, Jessica Venetz, Saskia Läubli, Oscar Sepúlveda Steiner, Damien Bouffard, Jakob Zopfi, and Moritz F. Lehmann. Detritus-hosted methanogenesis sustains the methane paradox in an alpine lake. *Limnology and Oceanography*, 68(1):248–264, January 2023. CODEN LIOCAH. ISSN 0024-3590.

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[BWB+22] Thomas R. Barnum, John Timothy Wootton, Rebecca J. Bixby, John M. Drake, David Murray-Stoker, Checo Colón-Gaud, Amanda T. Rugenski, Therese C. Frauendorf, Scott Connelly, Susan S. Kilham, Matt R. Whiles, Karen R. Lips, and Catherine M. Pringle. Mechanisms underlying lack of functional compensation by insect grazers after tadpole declines in a neotropical stream. *Limnology and Oceanography*, 67(S1):S198–S210, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[BWV+20] Raven L. Bier, Jennifer J. Wernegreen, Rytas J. Vilgalys, Joseph Christopher Ellis, and Emily S. Bernhardt. Subsidized or stressed? Shifts in freshwater benthic microbial metagenomics along a gradient of alkaline coal mine drainage. *Limnology and Oceanography*, 66(6):S277–S292, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[BZSF23] Ryan P. Bos, Shiye Zhao, Tracey T. Sutton, and Tamara M. Frank. Microplastic ingestion by deep-pelagic crustaceans and fishes. *Limnology and Oceanography*, 68(7):1595–1610, July 2023. CODEN LIOCAH. ISSN 0024-3590.

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[CAN+24] Mathias Chynel, Gwenaël Abril, Mélissa Narayaninsamy, Loris Deirmendjian, Frédéric Guérin, Charlotte Dromard, and Tarik Meziane. *Sargassum* beaching on mangrove sediments shifts microbial and crab metabolisms and enhances blue carbon storage. *Limnology and Oceanography*, 69(12):2941–2953, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CB25] Noah J. Craft and Alexander B. Bochdansky. Organic carbon decay mediated by a mesopelagic microbial community: The relevance of carbon pools and broad biochemical composition. *Limnology and Oceanography*, 70(3):634–649, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[CBC+22] Travis A. Courtney, Hannah C. Barkley, Stephen Chan, Courtney S. Couch, Tye L. Kindinger, Thomas A. Oliver, David J. Kriegman, and Andreas J. Andersson. Rapid assessments of Pacific Ocean net coral reef carbonate budgets and net calcification following the 2014–2017 global coral bleaching event. *Limnology and Oceanography*, 67(8):1687–1700, August 2022. CODEN LIOCAH. ISSN 0024-3590.

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[CBD+23] Isabelle Cox, Robert J. W. Brewin, Giorgio Dall'Olmo, Katy Sheen, Shubha Sathyendranath, Rafael Rasse, and Osvaldo Ulloa. Distinct habitat and biogeochemical properties of low-oxygen-adapted tropical oceanic phytoplankton. *Limnology and Oceanography*, 68(9):2022–2039, September 2023. CODEN LIOCAH. ISSN 0024-3590.

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[CBHB21] Alice M. Carter, Joanna R. Blaszczak, James B. Heffernan, and Emily S. Bernhardt. Hypoxia dynamics and spatial distribution in a low gradient river. *Limnology and Oceanography*, 66(6):2251–2265, June 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CBS+21] Marvin Choquet, Gauthier Burckard, Stig Skreslet, Galice Hoarau, and Janne E. Søreide. No evidence for hybridization between *Calanus finmarchicus* and *Calanus glacialis* in a subarctic area of sympatry. *Limnology and Oceanography*, 66(S1):S314–S325, February 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CBT+21] Allison Coe, Steven J. Biller, Elaina Thomas, Konstantinos Boulias, Christina Bliem, Aldo Arellano, Keven Dooley, Anna N. Rasmussen, Kristen LeGault, Tyler J. O'Keefe, Sarah Stover, Eric L. Greer, and Sallie W. Chisholm. Coping with darkness: The adaptive response of marine picocyanobacteria to repeated light energy deprivation. *Limnology and Oceanography*, 66(9):3300–3312, September 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CCK+21] Cameron M. Callbeck, Donald E. Canfield, Marcel M. M. Kuypers, Pelin Yilmaz, Gaute Lavik, Bo Thamdrup, Carsten J. Schubert, and Laura A. Bristow. Sulfur cycling in oceanic oxygen minimum zones. *Limnology and Oceanography*, 66(6):2360–2392, June 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CCY+21] Qiuwen Chen, Yuchen Chen, Jun Yang, Stephen C. Maberly, Jianyun Zhang, Jinren Ni, Gangsheng Wang, Daniele Tonina, Lin Xiao, and Honghai Ma. Bacterial communities in cascade reservoirs along a large river. *Limnology and Oceanography*, 66(12):4363–4374, December 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CDW+24] Noémie Choisnard, Nicolas Noel Duprey, Tanja Wald, Martin Thibault, Fanny Houlbrèque, Alan D. Foreman, Pascale Cuet, Mireille M. M. Guillaume, Hubert Vonhof, Daniel M. Sigman, Gerald H. Haug, Jean-François Maguer, Stéphane L'Helguen, Alfredo Martínez-García, and Anne Lorrain. Tracing the fate of seabird-derived nitrogen in a coral reef using nitrate and coral skeleton nitrogen isotopes. *Limnology and Oceanography*, 69(2):309–324, February 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CFC+20] Filipa Carvalho, Jessica N. Fitzsimmons, Nicole Couto, Nicole Waite, Maxim Gorbunov, Josh Kohut, Matthew J. Oliver, Robert M. Sherrell, and Oscar Schofield. Testing the Canyon Hypothesis: Evaluating light and nutrient controls of phytoplankton growth in penguin foraging hotspots along the West Antarctic Peninsula. *Limnology and Oceanography*, 65(3):455–470, March 2020. CODEN LIOCAH. ISSN 0024-3590.

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[CGB+21] Dany Croteau, Sébastien Guérin, Flavienne Bruyant, Joannie Ferland, Douglas A. Campbell, Marcel Babin, and Johann Lavaud. Contrasting nonphotochemical quenching patterns under high light and darkness aligns with light niche occupancy in Arctic diatoms. *Limnology and Oceanography*, 66(S1):S231–S245, February 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CGC+21] Chung-Chi Chen, Gwo-Ching Gong, Kuo-Ping Chiang, Fuh-Kwo Shiah, Chih-Ching Chung, and Chin-Chang Hung. Scaling effects of a eutrophic river plume on organic carbon consumption. *Limnology and Oceanography*, 66(5):1867–1881, May 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CGD22] William Cyrus Clemo, Katelyn D. Giles, and Kelly M. Dorgan. Biological influences on coastal muddy sediment structure following resuspension. *Limnology and Oceanography*, 67(11):2466–2482, November 2022. CODEN LIOCAH. ISSN 0024-3590.

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[CGL+21] Urania Christaki, Audrey Gueneugues, Yan Liu, Stéphane Blain, Philippe Catala, Jonathan Colombet, Pavla Debeljak, Ludwig Jardillier, Solène Irion, Fred Planchon, Ingrid Sassenhagen, Telesphore Sime-Ngando, and Ingrid Obernosterer. Seasonal microbial food web dynamics in contrasting Southern Ocean productivity regimes. *Limnology and Oceanography*, 66(1):108–122, January 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CGR22] Louise P. Cameron, Jonathan H. Grabowski, and Justin B. Ries. Effects of elevated $pCO_2$ and temperature on the calcification rate, survival, extrapallial fluid chemistry, and respiration of the Atlantic Sea scallop *Placopecten magellanicus*. *Limnology and Oceanography*, 67(8):1670–1686, August 2022. CODEN LIOCAH. ISSN 0024-3590.

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[CGRGP+21] María Teresa Camarena-Gómez, Clara Ruiz-González, Jonna Piiparinen, Tobias Lipsewers, Cristina Sobrino, Ramiro Logares, and Kristian Spilling. Bacterioplankton dynamics driven by interannual and spatial variation in diatom and dinoflagellate spring bloom communities in the Baltic Sea. *Limnology and Oceanography*, 66(1):255–271, January 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CHA+24a] Marco J. Cabrerizo, Anika Happe, Antonia Ahme, Uwe John, Markus Olsson, and Maren Striebel. Moderate and extreme warming under a varied resource supply alter the microzooplankton–phytoplankton coupling in North Sea coastal communities. *Limnology and Oceanography*, 69(12): 2991–3002, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CHA+24b] Stefano Corona, Andrew G. Hirst, David Atkinson, Jasmin Renz, Maarten Boersma, and Angus Atkinson. Long-term shifts in phenology, thermal niche, population size, and their interactions in marine pelagic copepods. *Limnology and Oceanography*, 69(3):482–497, March 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CHAA21] Stefano Corona, Andrew Hirst, David Atkinson, and Angus Atkinson. Density-dependent modulation of copepod body size and temperature–size responses in a shelf sea. *Limnology and Oceanography*, 66(11):3916–3927, November 2021. CODEN LIOCAH. ISSN 0024-3590.

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[ChHC+24] Chung-Chi Chen, Chih hao Hsieh, Yu-Hsin Cheng, Wei-Jen Huang, Wen-Chen Chou, Fuh-Kwo Shiah, Gwo-Ching Gong, and Tzong-Yueh Chen. Effect of a tropical cyclone on the pelagic ecosystem of a continental shelf. *Limnology and Oceanography*, 69(12):2975–2990, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CHP+24] Henry L. S. Cheung, Jenny R. Hillman, Conrad A. Pilditch, Candida Savage, Isaac R. Santos, Ronnie N. Glud, Francisco J. A. Nascimento, Simon F. Thrush, and Stefano Bonaglia. Denitrification, anammox, and DNRA in oligotrophic continental shelf sediments. *Limnology and Oceanography*, 69(3): 621–637, March 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CHS+20] Hannah E. Chmiel, Hilmar Hofmann, Sebastian Sobek, Tatyana Efremova, and Natacha Pasche. Where does the river end? Drivers of spatiotemporal variability in $CO_2$ concentration and flux in the inflow area of a large boreal lake. *Limnology and Oceanography*, 65(6):1161–1174, June 2020. CODEN LIOCAH. ISSN 0024-3590.

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[CJB+21] Megan A. Cimino, Michael G. Jacox, Steven J. Bograd, Stephanie Brodie, Gemma Carroll, Elliott L. Hazen, Bertha E. Lavaniegos, Mark M. Morales, Erin Satterthwaite, and Ryan R. Rykaczewski. Anomalous poleward advection facilitates episodic range expansions of pelagic red crabs in the eastern North Pacific. *Limnology and Oceanography*, 66 (8):3176–3189, August 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CKCB+23] Ashley B. Cohen, Vanja Klepac-Ceraj, Kristen Bidas, Felix Weber, Arkadiy I. Garber, Lisa N. Christensen, Jacob A. Cram, Michael L. McCormick, and Gordon T. Taylor. Deep photoautotrophic prokaryotes contribute substantially to carbon dynamics in oxygen-deficient waters in a permanently redox-stratified freshwater lake. *Limnology and Oceanography*, 68(1):232–247, January 2023. CODEN LIOCAH. ISSN 0024-3590.

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[CKH+21] Matthew J. Church, Eint Kyi, Robert O. Hall,, Jr., David M. Karl, Markus Lindh, Alexa Nelson, and Emma K. Wear. Production and diversity of microorganisms associated with sinking particles in the subtropical North Pacific Ocean. *Limnology and Oceanography*, 66(9):3255–3270, September 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CLG+24] Fernando Chaguaceda, Danny C. P. Lau, Willem Goedkoop, Mariem Fadhlaoui, Isabelle Lavoie, and Tobias Vrede. Zooplankton in northern lakes show taxon-specific responses in fatty acids across climate-productivity and ecosystem size gradients. *Limnology and Oceanography*, 69(4):947–960, April 2024. CODEN LIOCAH. ISSN 0024-3590. See correction [Ano24a].

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[CLGH23] Yuren Chen, Ming Li, Patricia M. Glibert, and Cynthia Heil. Mu$rK$y waters: Modeling the succession from $r$ to $K$ strategists (diatoms to dinoflagellates) following a nutrient release from a mining facility in Florida. *Limnology and Oceanography*, 68(10):2288–2304, October 2023. CODEN LIOCAH. ISSN 0024-3590.

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[CLM25] Jiangyong Chu, Christian Lønborg, and Patrick Martin. Limited degradability of dissolved organic carbon, nitrogen, and phosphorus during contrasting seasons in a tropical coastal environment. *Limnology and Oceanography*, 70(3):775–791, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[CLT+22] Svenja Christiansen, Øystein Langangen, Josefin Titelman, Leif Asbjørn Vøllestad, and Stein Kaartvedt. Three-dimensional swimming behavior and activity of a mesopelagic fish. *Limnology and Oceanography*, 67(12):2677–2690, December 2022. CODEN LIOCAH. ISSN 0024-3590.

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[CM20b] Alicia Cortés and Sally MacIntyre. Mixing processes in small Arctic lakes during spring. *Limnology and Oceanography*, 65 (2):260–288, February 2020. CODEN LIOCAH. ISSN 0024-3590.

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[CMdlPÁS+24] Elisa Calvo-Martin, Mercedes de la Paz, Xosé Antón Álvarez-Salgado, María José Pazó Fernández, Vanesa Vieitez Dos Santos, and J. Severino P. Ibánhez. Transport and reactivity of nitrous oxide and methane in two contrasting subterranean estuaries. *Limnology and Oceanography*, 69(8):1810–1825, August 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CMT+20] Raul Rodrigo Costa, Carlos Rafael Borges Mendes, Virginia Maria Tavano, Tiago Segabinazzi Dotto, Rodrigo Kerr, Thiago Monteiro, Clarisse Odebrecht, and Eduardo Resende Secchi. Dynamics of an intense diatom bloom in the Northern

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[CMY+25] Xiaona Chen, Tiezhu Mi, Zhigang Yu, Fuxia Yang, Ke Wang, Shasha Zhang, Yinan Zhang, Liping Yuan, and Qingzhen Yao. Upwelling of cold water in the South Yellow Sea alleviates phosphorus and silicon limitations. *Limnology and Oceanography*, 70(3):553–566, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[CÖL+20] Erik Caroselli, Hasan Baris Özalp, Maila Lavia, Francesca De Witt, Francesco Raimondi, and Stefano Goffredo. Population dynamics of a temperate coral along a depth gradient in the Dardanelles. *Limnology and Oceanography*, 66(10): 2676–2687, November 2020. CODEN LIOCAH. ISSN 0024-3590.

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[CON+24] Christina M. Comfort, Chris Ostrander, Craig E. Nelson, David M. Karl, and Margaret A. McManus. A 7-yr spatial time series resolves the island mass effect and associated shifts in picocyanobacteria abundances near O'ahu, Hawai'i. *Limnology and Oceanography*, 69(12):2830–2845, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CPB+21] Núria Catalán, Ada Pastor, Carles M. Borrego, Joan Pere Casas-Ruiz, Jeffrey A. Hawkes, Carmen Gutiérrez, Daniel von Schiller, and Rafael Marcé. The relevance of environment vs. composition on dissolved organic matter degradation in freshwaters. *Limnology and Oceanography*, 66(2):306–320, February 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CR25] Nishant Chauhan and Rosalind E. M. Rickaby. Differential impacts of pH on growth, physiology, and elemental stoichiometry across three coccolithophore species. *Limnology and Oceanography*, 70(1):68–83, January 2025. CODEN LIOCAH. ISSN 0024-3590.

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[CSB22] Kevin A. Crook, Marcus Sheaves, and Adam Barnett. Species-specific foraging behaviors define the functional roles of sympatric stingrays. *Limnology and Oceanography*, 67(1): 219–230, January 2022. CODEN LIOCAH. ISSN 0024-3590.

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[CSC+21] Xiaogang Chen, Isaac R. Santos, Mitchell Call, Gloria M. S. Reithmaier, Damien Maher, Ceylena Holloway, Praktan D. Wadnerkar, Paula Gómez-Álvarez, Christian J. Sanders, and Ling Li. The mangrove $CO_2$ pump: Tidally driven pore-water exchange. *Limnology and Oceanography*, 65(3):1563–1577, April 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CSD+24] Brendan R. Carter, Jonathan D. Sharp, Andrew G. Dickson, Marta Álvarez, Michael B. Fong, Maribel I. García-Ibáñez, Ryan J. Woosley, Yuichiro Takeshita, Leticia Barbero, Robert H. Byrne, Wei-Jun Cai, Melissa Chierici, Simon L. Clegg, Regina A. Easley, Andrea J. Fassbender, Kalla L. Fleger, Xinyu Li, Macarena Martín-Mayor, Katelyn M. Schockman, and Zhaohui Aleck Wang. Uncertainty sources for measurable ocean carbonate chemistry variables. *Limnology and Oceanography*, 69(1):1–21, January 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CSGI+24] Brendan R. Carter, Jonathan D. Sharp, Maribel I. García-Ibáñez, Ryan J. Woosley, Michael B. Fong, Marta Álvarez, Leticia Barbero, Simon L. Clegg, Regina Easley, Andrea J. Fassbender, Xinyu Li, Katelyn M. Schockman, and Zhao-hui Aleck Wang. Random and systematic uncertainty in ship-based seawater carbonate chemistry observations. *Limnology and Oceanography*, 69(10):2473–2488, October 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CSH21] Marvin Choquet, Irina Smolina, and Galice Hoarau. No evidence for hybridization in *Calanus*: Reply to the comment by Parent et al. *Limnology and Oceanography*, 66(10):3603–3606, October 2021. CODEN LIOCAH. ISSN 0024-3590. See [PPB+21].

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[CSM+23] Dylan Catlett, David A. Siegel, Paul G. Matson, Emma K. Wear, Craig A. Carlson, Thomas S. Lankiewicz, and M. Debora Iglesias-Rodriguez. Integrating phytoplankton pigment and DNA meta-barcoding observations to determine phytoplankton composition in the coastal ocean. *Limnology and Oceanography*, 68(2):361–376, February 2023. CODEN LIOCAH. ISSN 0024-3590.

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[CSNS24] John A. Conroy, Deborah K. Steinberg, Schuyler C. Nardelli, and Oscar Schofield. Omnivorous summer feeding by juvenile Antarctic krill in coastal waters. *Limnology and Oceanography*, 69(4):874–887, April 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CTF+21] Miriam Colls, Xisca Timoner, Carme Font, Vicenç Acuña, and Sergi Sabater. Biofilm pigments in temporary streams indicate duration and severity of drying. *Limnology and Oceanography*, 66(9):3313–3326, September 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CTH+20] Jun Choi, Cary Troy, Nathan Hawley, Michael McCormick, and Mathew Wells. Lateral dispersion of dye and drifters in the center of a very large lake. *Limnology and Oceanography*, 65(2):336–348, February 2020. CODEN LIOCAH. ISSN 0024-3590.

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[CTM+21] Chloe Carbonne, Núria Teixidó, Billy Moore, Alice Mirasole, Thomas Guttierez, Jean-Pierre Gattuso, and Steeve Comeau. Two temperate corals are tolerant to low pH regardless of previous exposure to natural $CO_2$ vents. *Limnology and Oceanography*, 66(11):4046–4061, November 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CTP21] Adit Chaudhary, Sarah Turner, and Rachel Poretsky. Bacterioplankton respond with similar transcriptional activity to allochthonous dissolved organic matter in coastal and offshore Lake Michigan. *Limnology and Oceanography*, 66(8): 3162–3175, August 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CUS21] Marco Corrales-Ugalde and Kelly R. Sutherland. Fluid mechanics of feeding determine the trophic niche of the hydromedusa *Clytia gregaria*. *Limnology and Oceanography*, 66(3):939–953, March 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CVF+20] Perrine Cruaud, Adrien Vigneron, Marie-Stéphanie Fradette, Caetano C. Dorea, Alexander I. Culley, Manuel J. Rodriguez, and Steve J. Charette. Annual bacterial community cycle in a seasonally ice-covered river reflects environmental and climatic conditions. *Limnology and Oceanography*, 65(S1): S21–S37, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[CWF+22] Justin D. Chaffin, Judy A. Westrick, Elliot Furr, Johnna A. Birbeck, Laura A. Reitz, Keara Stanislawczyk, Wei Li, Peter K. Weber, Thomas B. Bridgeman, Timothy W. Davis, and Xavier Mayali. Quantification of microcystin production and biodegradation rates in the western basin of Lake Erie. *Limnology and Oceanography*, 67(7):1470–1483, July 2022. CODEN LIOCAH. ISSN 0024-3590.

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[CXK+25] Ze Chen, Wenqian Xie, Sven Kranz, Haizheng Hong, and Dalin Shi. Iron and phosphorus limitations modulate the effects of carbon dioxide enrichment on a unicellular nitrogen-fixing cyanobacterium. *Limnology and Oceanography*, 70(3): 536–552, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[CYPRG+23] Pedro J. Cabello-Yeves, Antonio Picazo, Juan J. Roda-Garcia, Francisco Rodriguez-Valera, and Antonio Camacho. Vertical niche occupation and potential metabolic interplay of microbial consortia in a deeply stratified meromictic model lake. *Limnology and Oceanography*, 68(11):2492–2511, November 2023. CODEN LIOCAH. ISSN 0024-3590.

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[CYT+24] Yawen Chen, Jin-Yu Terence Yang, Jin-Ming Tang, Haizheng Hong, Shuh-Ji Kao, Minhan Dai, and Dalin Shi. Changes in isotope fractionation during nitrate assimilation by marine eukaryotic and prokaryotic algae under different pH and $CO_2$ conditions. *Limnology and Oceanography*, 69(5):1045–1055, May 2024. CODEN LIOCAH. ISSN 0024-3590.

**Cabello-Yeves:2020:MDL**

[CYZZ+20] Pedro J. Cabello-Yeves, Tamara I. Zemskaya, Alexandra S. Zakharenko, Mariya V. Sakirko, Vyacheslav G. Ivanov, Rohit Ghai, and Francisco Rodriguez-Valera. Microbiome of the deep Lake Baikal, a unique oxic bathypelagic habitat. *Limnology and Oceanography*, 65(7):1471–1488, July 2020. CODEN LIOCAH. ISSN 0024-3590.

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[CZA24] Jake Carman, Yingming Zhao, and Josef D. Ackerman. Relative size matters: Spawning substrate roughness size and spacing affect egg dislodgement and retention in the benthos. *Limnology and Oceanography*, 69(12):2867–2880, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[CZH+21] Haobing Cao, Zhenchang Zhu, Peter M. J. Herman, Stijn Temmerman, Jaco de Smit, Liquan Zhang, Lin Yuan, and Tjeerd J. Bouma. Plant traits determining biogeomorphic landscape dynamics: a study on clonal expansion strategies driving cliff formation at marsh edges. *Limnology and Oceanography*, 66(10):3754–3767, October 2021. CODEN LIOCAH. ISSN 0024-3590.

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[CZK+23] Jessica R. Corman, Jacob A. Zwart, Jennifer Klug, Denise A. Bruesewitz, Elvira de Eyto, Marcus Klaus, Lesley B. Knoll, James A. Rusak, Michael J. Vanni, María Belén Alfonso, Rocio Luz Fernandez, Huaxia Yao, Kari Austnes, Raoul-Marie Couture, Heleen A. de Wit, Jan Karlsson, and Alo Laas. Response of lake metabolism to catchment inputs inferred using high-frequency lake and stream data from across the northern hemisphere. *Limnology and Oceanography*, 68(12): 2617–2631, December 2023. CODEN LIOCAH. ISSN 0024-3590.

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[DNB+20] Xavier Desmit, Anja Nohe, Alberto Vieira Borges, Theo Prins, Karien De Cauwer, Ruth Lagring, Dimitry Van der Zande, and Koen Sabbe. Changes in chlorophyll concentration and phenology in the North Sea in relation to de-eutrophication and sea surface warming. *Limnology and Oceanography*, 65(4):828–847, April 2020. CODEN LIOCAH. ISSN 0024-3590.

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[dOKC+21] Manoela Romanó de Orte, David A. Koweek, Tyler Cyronak, Yuichiro Takeshita, Alyssa Griffin, Kennedy Wolfe, Alina Szmant, Robert Whitehead, Rebecca Albright, and Ken Caldeira. Unexpected role of communities colonizing dead coral substrate in the calcification of coral reefs. *Limnology and Oceanography*, 66(5):1793–1803, May 2021. CODEN LIOCAH. ISSN 0024-3590.

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[dSNIB22] Jaco C. de Smit, Muhammad S. Bin Mohd Noor, Eduardo Infantes, and Tjeerd J. Bouma. Wind exposure and sediment type determine the resilience and response of seagrass meadows to climate change. *Limnology and Oceanography*, 67(S1):S121–S132, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[DSY20] Bridget R. Deemer, Edward G. Stets, and Charles B. Yackulic. Calcite precipitation in Lake Powell reduces alkalinity and total salt loading to the Lower Colorado River Basin. *Limnology and Oceanography*, 65(7):1439–1455, July 2020. CODEN LIOCAH. ISSN 0024-3590.

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[DTPV21] Zhipeng Duan, Xiao Tan, Hans W. Paerl, and Dedmer B. Van de Waal. Ecological stoichiometry of functional traits in a colonial harmful cyanobacterium. *Limnology and Oceanography*, 66(5):2051–2062, May 2021. CODEN LIOCAH. ISSN 0024-3590.

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[DVL+23] Daniele De Corte, Marta M. Varela, Angeles M. Louro, Sarah K. Bercovici, Joaquín Valencia-Vila, Eva Sintes, Federico Baltar, Tamara Rodríguez-Ramos, Meinhard Simon, Antonio Bode, Thorsten Dittmar, and Jutta Niggemann. Zooplankton-derived dissolved organic matter composition and its bioavailability to natural prokaryotic communities. *Limnology and Oceanography*, 68(2):336–347, February 2023. CODEN LIOCAH. ISSN 0024-3590.

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[DvOH+20] Tisja D. Daggers, Dick van Oevelen, Peter M. J. Herman, Henricus T. S. Boschker, and Daphne van der Wal. Spatial variability in macrofaunal diet composition and grazing pressure on microphytobenthos in intertidal areas. *Limnology and Oceanography*, 66(10):2819–2834, November 2020. CODEN LIOCAH. ISSN 0024-3590.

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[EAF+22] Hassan Elagami, Pouyan Ahmadi, Jan H. Fleckenstein, Sven Frei, Martin Obst, Seema Agarwal, and Benjamin S. Gilfedder. Measurement of microplastic settling velocities and implications for residence times in thermally stratified lakes. *Limnology and Oceanography*, 67(4):934–945, April 2022. CODEN LIOCAH. ISSN 0024-3590.

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[EBK+20] Natalya Evans, Elisabeth Boles, Jarek V. Kwiecinski, Susan Mullen, Martin Wolf, Allan H. Devol, Rintaro Moriyasu, SungHyun Nam, Andrew R. Babbin, and James W. Moffett. The role of water masses in shaping the distribution of redox active compounds in the Eastern Tropical North Pacific oxygen deficient zone and influencing low oxygen concentrations in the eastern Pacific Ocean. *Limnology and Oceanography*, 65(8):1688–1705, August 2020. CODEN LIOCAH. ISSN 0024-3590.

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[EBW+20] Meri Eichner, Subhajit Basu, Siyuan Wang, Dirk de Beer, and Yeala Shaked. Mineral iron dissolution in *Trichodesmium* colonies: The role of $O_2$ and pH microenvironments. *Limnology and Oceanography*, 65(6):1149–1160, June 2020. CODEN LIOCAH. ISSN 0024-3590.

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[GSD+23] Adam T. Greer, Moritz S. Schmid, Patrick I. Duffy, Kelly L. Robinson, Mark A. Genung, Jessica Y. Luo, Thelma Panaïotis, Christian Briseño-Avena, Marc E. Frischer, Su Sponaugle, and Robert K. Cowen. In situ imaging across ecosystems to resolve the fine-scale oceanographic drivers of a globally significant planktonic grazer. *Limnology and Oceanography*, 68(1):192–207, January 2023. CODEN LIOCAH. ISSN 0024-3590.

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[JSL+23] Winifred M. Johnson, Melissa C. Kido Soule, Krista Longnecker, Maya P. Bhatia, Steven J. Hallam, Michael W. Lomas, and Elizabeth B. Kujawinski. Particulate and dissolved metabolite distributions along a latitudinal transect of the western Atlantic Ocean. *Limnology and Oceanography*, 68 (2):377–393, February 2023. CODEN LIOCAH. ISSN 0024-3590.

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[JSPS24] Lara S. Jansen, Daniel Sobota, Yangdong Pan, and Angela L. Strecker. Watershed, lake, and food web factors influence diazotrophic cyanobacteria in mountain lakes. *Limnology and Oceanography*, 69(3):681–699, March 2024. CODEN LIOCAH. ISSN 0024-3590.

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[KPL+20] Mikko Kiljunen, Heikki Peltonen, Maiju Lehtiniemi, Laura Uusitalo, Tuula Sinisalo, Joanna Norkko, Mervi Kunnasranta, Jyrki Torniainen, Antti J. Rissanen, and Juha Karjalainen. Benthic-pelagic coupling and trophic relationships in northern Baltic Sea food webs. *Limnology and Oceanography*, 65(8):1706–1722, August 2020. CODEN LIOCAH. ISSN 0024-3590.

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[KPM+20] Jolanta Kazmierczak, Dieke Postma, Sascha Müller, Søren Jessen, Bertel Nilsson, Joanna Czekaj, and Peter Engesgaard. Groundwater-controlled phosphorus release and transport from sandy aquifer into lake. *Limnology and Oceanography*, 66(5):2188–2204, September 2020. CODEN LIOCAH. ISSN 0024-3590.

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[KRB+21] Norbert Kamjunke, Michael Rode, Martina Baborowski, Julia Vanessa Kunz, Jakob Zehner, Dietrich Borchardt, and Markus Weitere. High irradiation and low discharge promote the dominant role of phytoplankton in riverine nutrient dynamics. *Limnology and Oceanography*, 66(7):2648–2660, July 2021. CODEN LIOCAH. ISSN 0024-3590.

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[MCH+22] Jennifer Mallon, Tyler Cyronak, Emily R. Hall, Anastazia T. Banaszak, Dan A. Exton, and Adrian M. Bass. Light-driven dynamics between calcification and production in functionally diverse coral reef calcifiers. *Limnology and Oceanography*, 67(2):434–449, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[MHD+22] Adam C. Martiny, George I. Hagstrom, Tim DeVries, Robert T. Letscher, Gregory L. Britten, Catherine A. Garcia, Eric Galbraith, David Karl, Simon A. Levin, Michael W. Lomas, Allison R. Moreno, David Talmy, Weilei Wang, and Katsumi Matsumoto. Marine phytoplankton resilience may moderate oligotrophic ecosystem responses and biogeochemical feedbacks to climate change. *Limnology and Oceanography*, 67(S1):S378–S389, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[MKL+24] Piotr Maszczyk, Karol Krajewski, Konrad Leniowski, Szymon Pukos, Julia Wawrzeńczak, Wojciech Wilczynski, Marcin Lukasz Zebrowski, Jae-Seong Lee, and Ewa Babkiewicz. Temperature and hypoxia-driven shifts in *Daphnia* interspecific competition. *Limnology and Oceanography*, 69(3):576–588, March 2024. CODEN LIOCAH. ISSN 0024-3590.

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[MLB+21] Séverine Martini, Floriane Larras, Aurélien Boyé, Emile Faure, Nicole Aberle, Philippe Archambault, Lise Bacouillard, Beatrix E. Beisner, Lucie Bittner, Emmanuel Castella, Michael Danger, Olivier Gauthier, Lee Karp-Boss, Fabien Lombard, Frédéric Maps, Lars Stemmann, Eric Thiébaut, Philippe Usseglio-Polatera, Meike Vogt, Martin Laviale, and Sakina-Dorothée Ayata. Functional trait-based approaches as a common framework for aquatic ecologists. *Limnology and Oceanography*, 66(3):965–994, March 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RBR+23] Emil Rydin, Elias Broman, Kasper Reitzel, Kaarina Lukkari, Martijn Hermans, Linda Kumblad, Magnus Karlsson, Anna

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[RBR+24] Megan E. Roberts, Maya P. Bhatia, Elden Rowland, Patrick L. White, Stephanie Waterman, Maria A. Cavaco, Patrick Williams, Jodi N. Young, Jenifer S. Spence, Jean-Éric Tremblay, Jean-Carlos Montero-Serrano, and Erin M. Bertrand. Rubisco in high Arctic tidewater glacier-marine systems: a new window into phytoplankton dynamics. *Limnology and Oceanography*, 69(4):802–817, April 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RBSB22] Mayra P. D. Rulli, Ann-Kristin Bergström, Ryan A. Sponseller, and Martin Berggren. Seasonal patterns in nutrient bioavailability in boreal headwater streams. *Limnology and Oceanography*, 67(5):1169–1183, May 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RBSV+24] Tom Reich, Natalia Belkin, Guy Sisma-Ventura, Ilana Berman-Frank, and Eyal Rahav. Significant dark inorganic carbon fixation in the euphotic zone of an oligotrophic sea. *Limnology and Oceanography*, 69(5):1129–1142, May 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RCH+20] Mickael Ros, Emma F. Camp, David J. Hughes, Joseph R. Crosswell, Mark E. Warner, William P. Leggat, and David J. Suggett. Unlocking the black-box of inorganic carbon-uptake and utilization strategies among coral endosymbionts (Symbiodiniaceae). *Limnology and Oceanography*, 65(8):1747–1763, August 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RCS+20] Matti O. Ruuskanen, Graham Colby, Kyra A. St. Pierre, Vincent L. St. Louis, Stéphane Aris-Brosou, and Alexandre J. Poulain. Microbial genomes retrieved from High Arctic lake sediments encode for adaptation to cold and oligotrophic environments. *Limnology and Oceanography*, 66(6):S233–S247, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RD23] Linnea A. Rock and Hilary A. Dugan. Lakes protect downstream riverine habitats from chloride toxicity. *Limnology and Oceanography*, 68(6):1216–1231, June 2023. CODEN LIOCAH. ISSN 0024-3590.

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[REF+21] Derek C. Roberts, Galen C. Egan, Alexander L. Forrest, John L. Largier, Fabian A. Bombardelli, Bernard E. Laval, Stephen G. Monismith, and Geoffrey Schladow. The setup and relaxation of spring upwelling in a deep, rotationally influenced lake. *Limnology and Oceanography*, 66(4):1168–1189, April 2021. CODEN LIOCAH. ISSN 0024-3590.

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[REvdMO24] Philip M. Riekenberg, Bradley D. Eyre, Marcel T. J. van der Meer, and Joanne M. Oakes. Hot spots drive uptake and short-term processing of organic and inorganic carbon and nitrogen in intertidal sediments. *Limnology and Oceanography*, 69(10):2243–2262, October 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RFB+22] Veronica Z. Radice, Brian Fry, Kristen T. Brown, Sophie Dove, and Ove Hoegh-Guldberg. Biogeochemical niches and trophic plasticity of shallow and mesophotic corals recovering from mass bleaching. *Limnology and Oceanography*, 67(7): 1617–1630, July 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RFW+24] David C. Richardson, Alessandro Filazzola, R. Iestyn Woolway, M. Arshad Imrit, Damien Bouffard, Gesa A. Weyhenmeyer, John Magnuson, and Sapna Sharma. Nonlinear responses in interannual variability of lake ice to climate change. *Limnology and Oceanography*, 69(4):789–801, April 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RGE+24] Elisa Romanelli, Sarah Lou Carolin Giering, Margaret Estapa, David A. Siegel, and Uta Passow. Can intense storms affect sinking particle dynamics after the North Atlantic spring bloom? *Limnology and Oceanography*, 69(12): 2963–2974, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RGP+22] Miquel Ribot, Nancy B. Grimm, Lindsey D. Pollard, Daniel von Schiller, Amalia M. Handler, and Eugènia Martí. Consequences of an ecosystem state shift for nitrogen cycling in a desert stream. *Limnology and Oceanography*, 67(6):1274–1286, June 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RGW+23] Sebastian D. Rokitta, Christian H. Grossmann, Elisa Werner, Jannika Moye, Giulia Castellani, Eva-Maria Nöthig, and Björn Rost. Future warming stimulates growth and photosynthesis in an Arctic microalga more strongly than changes in light intensity or $pCO_2$. *Limnology and Oceanography*, 68 (12):2789–2799, December 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RHA+23] Nicholas E. Ray, Meredith A. Holgerson, Mikkel Rene Andersen, Jānis Bikše, Lauren E. Bortolotti, Martyn Futter, Ilga Kokorīte, Alan Law, Cory McDonald, Jorrit P. Mesman, Mike Peacock, David C. Richardson, Julien Arsenault, Sheel Bansal, Kaelin Cawley, McKenzie Kuhn, Amir Reza Shahabinia, and Facundo Smufer. Spatial and temporal variability in summertime dissolved carbon dioxide and methane in temperate ponds and shallow lakes. *Limnology and Oceanography*, 68(7):1530–1545, July 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RHM+21] Eva Rothäusler, Iván A. Hinojosa, Julio Moraga, Matias Pizarro-Koch, Marcel Ramos, and Martin Thiel. At the mercy of the winds: The seasonal dynamics of floating and stranded seaweeds at mid-latitudes. *Limnology and Oceanography*, 66(12):4391–4402, December 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RHP+23] Sarah S. Roley, Robert O. Hall, Jr., William Perkins, Vanessa A. Garayburu-Caruso, and James C. Stegen. Coupled primary production and respiration in a large river contrasts with smaller rivers and streams. *Limnology and Oceanography*, 68(11):2461–2475, November 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RHS+22] Eyal Rahav, Barak Herut, Dina Spungin, Adi Levi, Margaret R. Mulholland, and Ilana Berman-Frank. Heterotrophic bacteria outcompete diazotrophs for orthophosphate in the Mediterranean Sea. *Limnology and Oceanography*, 67(1):159–171, January 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RHSK24] Fredrik Ryderheim, Yuan Huang, Erik Selander, and Thomas Kiørboe. Microzooplankton grazers induce chain length plasticity in colonial diatoms. *Limnology and Oceanography*, 69(5):1260–1269, May 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RK24] Fredrik Ryderheim and Thomas Kiørboe. Intraspecific genetic diversity and coexistence in phytoplankton populations. *Limnology and Oceanography*, 69(6):1450–1463, June 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RKBT+23] Thomas James Ryan-Keogh, Emma Lewis Bone, Sandy J. Thomalla, Lisl Lain, Marie E. Smith, Stewart Bernard, and Marcello Vichi. Spatial and temporal drivers of fluorescence quantum yield variability in the Southern Ocean. *Limnology and Oceanography*, 68(3):569–582, March 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RLL+21] Lijuan Ren, Yuanyuan Liu, Torben L. Lauridsen, Martin Søndergaard, Boping Han, Jianjun Wang, Erik Jeppesen, Jizhong Zhou, and Qinglong L. Wu. Warming exacerbates the impact of nutrient enrichment on microbial functional potentials important to the nutrient cycling in shallow lake mesocosms. *Limnology and Oceanography*, 66(6):2481–2495, June 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RLP+20] Chiara Ravaglioli, Claudio Lardicci, Antonio Pusceddu, Eleonora Arpe, Silvia Bianchelli, Emanuela Buschi, and Fabio Bulleri. Ocean acidification alters meiobenthic assemblage composition and organic matter degradation rates in seagrass sediments. *Limnology and Oceanography*, 65(1):37–50, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RMH+22] Andrew Rassweiler, Scott D. Miller, Sally J. Holbrook, Matthew Lauer, Mark A. Strother, Sarah E. Lester, Thomas C. Adam, Jean Wencélius, and Russell J. Schmitt. How do fisher responses to macroalgal overgrowth influence the resilience of coral reefs? *Limnology and Oceanography*, 67(S1):S365–S377, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RMW+21] Raghab Ray, Toshihiro Miyajima, Atsushi Watanabe, Masaya Yoshikai, Charissa M. Ferrera, Iris Orizar, Takashi Nakamura, Maria Lourdes San Diego-McGlone, Eugene C. Herrera, and Kazuo Nadaoka. Dissolved and particulate carbon export from a tropical mangrove-dominated riverine system. *Limnology and Oceanography*, 66(11):3944–3962, November 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RNW+23] Fengwei Ran, Xiaodong Nie, Shilan Wang, Tao Xiao, Changrong Yang, Yi Liu, Lingxia Wang, Yaojun Liu, Xin Chu, and Zhongwu Li. A significant loop of lake sedimentation state links catchment eco-surroundings and lake biogenic regime shifts. *Limnology and Oceanography*, 68(8): 1775–1790, August 2023. CODEN LIOCAH. ISSN 0024-3590.

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[Roy20] Todd V. Royer. Stoichiometry of nitrogen, phosphorus, and silica loads in the Mississippi–Atchafalaya River basin reveals spatial and temporal patterns in risk for cyanobacterial blooms. *Limnology and Oceanography*, 65(2):325–335, February 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RPA+22] Mark D. Rowe, Sara E. Prendergast, Karen M. Alofs, David B. Bunnell, Edward S. Rutherford, and Eric J. Anderson. Predicting larval alewife transport in Lake Michigan using hydrodynamic and Lagrangian particle dispersion models. *Limnology and Oceanography*, 67(9):2042–2058, September 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RPKC22] Yoshimi M. Rii, Logan M. Peoples, David M. Karl, and Matthew J. Church. Seasonality and episodic variation in picoeukaryote diversity and structure reveal community resilience to disturbances in the North Pacific Subtropical Gyre. *Limnology and Oceanography*, 67(S1):S331–S351, February 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RRAO+21] Dalit Roth-Rosenberg, Dikla Aharonovich, Anne Willem Omta, Michael J. Follows, and Daniel Sher. Dynamic macromolecular composition and high exudation rates in *Prochlorococcus*. *Limnology and Oceanography*, 66(5):1759–1773, May 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RRH+24] Linda Rehder, Sebastian D. Rokitta, Clara J. M. Hoppe, Isabelle Buschmann, Levke Jasper, and Björn Rost. Different temperature sensitivities of key physiological processes lead to divergent trait response patterns in Arctic phytoplankton. *Limnology and Oceanography*, 69(8):1845–1856, August 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RRHS+21] Gerard Rocher-Ros, Tamara K. Harms, Ryan A. Sponseller, Maria Väisänen, Carl-Magnus Mörth, and Reiner Giesler. Metabolism overrides photo-oxidation in $CO_2$ dynamics of Arctic permafrost streams. *Limnology and Oceanography*, 66 (S1):S169–S181, February 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RS20] Joseph W. Reustle and Delbert L. Smee. Cloudy with a chance of mesopredator release: Turbidity alleviates top-down control on intermediate predators through sensory disruption. *Limnology and Oceanography*, 65(10):2278–2290, October 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RS21] Ben P. Robertson and Candida Savage. Thresholds in catchment nitrogen load for shifts from seagrass to nuisance macroalgae in shallow intertidal estuaries. *Limnology and Oceanography*, 65(3):1353–1366, April 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RSH+20] Mary Katherine Rogener, Rachel E. Sipler, Kimberley S. Hunter, Deborah A. Bronk, and Samantha B. Joye. Pelagic methane oxidation in the northern Chukchi Sea. *Limnology and Oceanography*, 65(1):96–110, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RSLW23] Lukas Rehn, Ryan A. Sponseller, Hjalmar Laudon, and Marcus B. Wallin. Long-term changes in dissolved inorganic carbon across boreal streams caused by altered hydrology. *Limnology and Oceanography*, 68(2):409–423, February 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RSP+24] David Rudberg, Jonathan Schenk, Gustav Pajala, Henrique Sawakuchi, Anna Sieczko, Ingrid Sundgren, Nguyen Thanh Duc, Jan Karlsson, Sally MacIntyre, John Melack, and David Bastviken. Contribution of gas concentration and transfer velocity to $CO_2$ flux variability in northern lakes. *Limnology and Oceanography*, 69(4):818–833, April 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RST+21] Valentí Rodellas, Thomas C. Stieglitz, Joseph J. Tamborski, Pieter van Beek, Aladin Andrisoa, and Peter G. Cook. Conceptual uncertainties in groundwater and porewater fluxes estimated by radon and radium mass balances. *Limnology and Oceanography*, 66(4):1237–1255, April 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RTK23] Fredrik Ryderheim, Uffe H. Thygesen, and Thomas Kiørboe. Short handling times allow for active prey selection in suspension feeding copepods. *Limnology and Oceanography*, 68 (4):891–901, April 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RTM+20] Michael J. Reading, Douglas R. Tait, Damien T. Maher, Luke C. Jeffrey, Arun Looman, Ceylena Holloway, Haile A. Shishaye, Summer Barron, and Isaac R. Santos. Land use drives nitrous oxide dynamics in estuaries on regional and global scales. *Limnology and Oceanography*, 65(8):1903–1920, August 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RTM+21] Michael J. Reading, Douglas R. Tait, Damien T. Maher, Luke C. Jeffrey, Rogger E. Correa, James P. Tucker, Haile A. Shishaye, and Isaac R. Santos. Submarine groundwater discharge drives nitrous oxide source/sink dynamics in a metropolitan estuary. *Limnology and Oceanography*, 66(5): 1665–1686, May 2021. CODEN LIOCAH. ISSN 0024-3590.

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[RVBP23] Lana Ramaekers, Bram Vanschoenwinkel, Luc Brendonck, and Tom Pinceel. Elevated dissolved carbon dioxide and associated acidification delays maturation and decreases calcification and survival in the freshwater crustacean *Daphnia magna*. *Limnology and Oceanography*, 68(7):1624–1635, July 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RvHF+20] Olivia Rasigraf, Niels A. G. M. van Helmond, Jeroen Frank, Wytze K. Lenstra, Matthias Egger, Caroline P. Slomp, and Mike S. M. Jetten. Microbial community composition and functional potential in Bothnian Sea sediments is linked to Fe and S dynamics and the quality of organic matter. *Limnology and Oceanography*, 65(S1):S113–S133, January 2020. CODEN LIOCAH. ISSN 0024-3590.

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[RVS+22] Claire M. Ruffing, Allison M. Veach, Anne Schechner, Janine Rüegg, Matt T. Trentman, and Walter K. Dodds. Prairie stream metabolism recovery varies based on antecedent hydrology across a stream network after a bank-full flood. *Limnology and Oceanography*, 67(9):1986–1999, September 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RVvB+23] Louise C. V. Rewrie, Yoana G. Voynova, Justus E. E. van Beusekom, Tina Sanders, Arne Körtzinger, Holger Brix, Gregor Ollesch, and Burkard Baschek. Significant shifts in inorganic carbon and ecosystem state in a temperate estuary (1985–2018). *Limnology and Oceanography*, 68(8):1920–1935, August 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RWL+24] Lihua Ran, Martin G. Wiesner, Yuzhao Liang, Wen Liang, Lanlan Zhang, Zhi Yang, Hongliang Li, and Jianfang Chen. Differential dissolution of biogenic silica significantly affects the utility of sediment diatoms as paleoceanographic proxies. *Limnology and Oceanography*, 69(3):467–481, March 2024. CODEN LIOCAH. ISSN 0024-3590.

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[RWMP+23] Peter J. Regier, Nicholas D. Ward, Allison N. Myers-Pigg, Jay Grate, Michael J. Freeman, and Ruby N. Ghosh. Seasonal drivers of dissolved oxygen across a tidal creek–marsh interface revealed by machine learning. *Limnology and Oceanography*, 68(10):2359–2374, October 2023. CODEN LIOCAH. ISSN 0024-3590.

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[RWS+22] Keryn L. Roberts, Wei Wen Wong, Jeff Shimeta, Adam J. Kessler, and Perran L. M. Cook. Recovery of denitrification and dissimilatory nitrate reduction to ammonium following reoxygenation of sediments from a periodically hypoxic temperate lagoon. *Limnology and Oceanography*, 67(8):1879–1890, August 2022. CODEN LIOCAH. ISSN 0024-3590.

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[RWT+21] Andrew L. Robison, Wilfred M. Wollheim, Bonnie Turek, Cynthia Bova, Carter Snay, and Ruth K. Varner. Spatial and temporal heterogeneity of methane ebullition in lowland headwater streams and the impact on sampling design. *Limnology and Oceanography*, 66(12):4063–4076, December 2021. CODEN LIOCAH. ISSN 0024-3590.

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[SAD+20] Adam V. Subhas, Jess F. Adkins, Sijia Dong, Nick E. Rollins, and William M. Berelson. The carbonic anhydrase activity of sinking and suspended particles in the North Pacific Ocean. *Limnology and Oceanography*, 65(3):637–651, March 2020. CODEN LIOCAH. ISSN 0024-3590.

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[SB20] Yuan Shen and Ronald Benner. Molecular properties are a primary control on the microbial utilization of dissolved organic matter in the ocean. *Limnology and Oceanography*, 65(5):1061–1071, May 2020. CODEN LIOCAH. ISSN 0024-3590. See comment [LD22].

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[SB22] Yuan Shen and Ronald Benner. Reply to comment: Controls on turnover of marine dissolved organic matter — testing the null hypothesis of purely concentration-driven uptake. *Limnology and Oceanography*, 67(3):680–683, March 2022. CODEN LIOCAH. ISSN 0024-3590. See [LD22].

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[SBB20] Pier Luigi Segatto, Tom J. Battin, and Enrico Bertuzzo. Modeling the coupled dynamics of stream metabolism and microbial biomass. *Limnology and Oceanography*, 65(7):1573–1593, July 2020. CODEN LIOCAH. ISSN 0024-3590.

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[SBB+21] Jason M. Smith, Gordon Blasco, Mark A. Brzezinski, John M. Melack, Daniel C. Reed, and Robert J. Miller. Factors influencing urea use by giant kelp (*Macrocystis pyrifera*, Phaeophyceae). *Limnology and Oceanography*, 66(4):1190–1200, April 2021. CODEN LIOCAH. ISSN 0024-3590.

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[SBCF24] Katelyn M. Schockman, Robert H. Byrne, Brendan R. Carter, and Richard A. Feely. Spectrophotometrically derived seawater $CO_2$-system assessments: Parameter calculations using pH do not require measurements at standard temperatures. *Limnology and Oceanography*, 69(7):1508–1520, July 2024. CODEN LIOCAH. ISSN 0024-3590.

**Saba:2021:TBU**

[SBD+21] Grace K. Saba, Adrian B. Burd, John P. Dunne, Santiago Hernández-León, Angela H. Martin, Kenneth A. Rose, Joseph Salisbury, Deborah K. Steinberg, Clive N. Trueman, Rod W. Wilson, and Stephanie E. Wilson. Toward a better understanding of fish-based contribution to ocean carbon flux. *Limnology and Oceanography*, 66(5):1639–1664, May 2021. CODEN LIOCAH. ISSN 0024-3590.

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[SBH23] Romana K. Salis, Georgina L. Brennan, and Lars-Anders Hansson. Successful invasions to freshwater systems double with climate warming. *Limnology and Oceanography*, 68(4): 953–962, April 2023. CODEN LIOCAH. ISSN 0024-3590.

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[SBJ+24] Baptiste Serandour, Thorsten Blenckner, Kinlan M. G. Jan, Boris Leroy, Berta Ramiro-Sánchez, Eleanore Campbell, and Monika Winder. Spatial distribution projections of suitable environmental conditions for key Baltic Sea zooplankton species. *Limnology and Oceanography*, 69(12):2801–2814, December 2024. CODEN LIOCAH. ISSN 0024-3590.

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[SBL+21] Arvind Singh, Lennart T. Bach, Carolin R. Löscher, Allanah J. Paul, Narendra Ojha, and Ulf Riebesell. Impact of increasing carbon dioxide on dinitrogen and carbon fixation rates under oligotrophic conditions and simulated upwelling. *Limnology and Oceanography*, 66(7):2855–2867, July 2021. CODEN LIOCAH. ISSN 0024-3590.

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[SBM+21] Nicole L. Schanke, Francesco Bolinesi, Olga Mangoni, Christian Katlein, Philipp Anhaus, Mario Hoppmann, Peter A. Lee, and Giacomo R. DiTullio. Biogeochemical and ecological variability during the late summer–early autumn transition at an ice-floe drift station in the Central Arctic Ocean. *Limnology and Oceanography*, 66(S1):S363–S382, February 2021. CODEN LIOCAH. ISSN 0024-3590.

**Stoffers:2025:OSJ**

[SBP+25] Twan Stoffers, Anthonie D. Buijse, Jan Jaap Poos, Johan A. J. Verreth, and Leopold A. J. Nagelkerke. Ontogenetic shifts by juvenile fishes highlight the need for habitat heterogeneity and connectivity in river restoration. *Limnology and Oceanography*, 70(3):732–748, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[SBT25] Zvi Steiner, Tal Benaltabet, and Adi Torfstein. Dynamics of marine inorganic carbon and silica: a field study of the mechanisms controlling seawater major element concentrations. *Limnology and Oceanography*, 70(3):650–666, March 2025. CODEN LIOCAH. ISSN 0024-3590.

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[SBV+21] Luca Stirnimann, Thomas G. Bornman, Hans M. Verheye, Marie-Lou Bachèlery, Janine van der Poel, and Sarah E. Fawcett. Plankton community composition and productivity near the Subantarctic Prince Edward Islands archipelago in autumn. *Limnology and Oceanography*, 66(12):4140–4158, December 2021. CODEN LIOCAH. ISSN 0024-3590.

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[SBW+20] Oscar A. Sosa, Timothy J. Burrell, Samuel T. Wilson, Rhea K. Foreman, David M. Karl, and Daniel J. Repeta. Phosphonate cycling supports methane and ethylene supersaturation in the phosphate-depleted western North Atlantic Ocean. *Limnology and Oceanography*, 65(10):2443–2459, October 2020. CODEN LIOCAH. ISSN 0024-3590.

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[SBW21] Oscar Sepúlveda Steiner, Damien Bouffard, and Alfred Wüest. Persistence of bioconvection-induced mixed layers in a stratified lake. *Limnology and Oceanography*, 65(3):1531–1547, April 2021. CODEN LIOCAH. ISSN 0024-3590.

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[SCB+20] Jianzhong Su, Wei-Jun Cai, Jean Brodeur, Najid Hussain, Baoshan Chen, Jeremy M. Testa, K. Michael Scaboo, Deb P. Jaisi, Qiang Li, Minhan Dai, and Jeffrey Cornwell. Source partitioning of oxygen-consuming organic matter in the hypoxic zone of the Chesapeake Bay. *Limnology and Oceanography*, 65(8):1801–1817, August 2020. CODEN LIOCAH. ISSN 0024-3590.

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[SCC+21] Corday R. Selden, P. Dreux Chappell, Sophie Clayton, Alfonso Macías-Tapia, Peter W. Bernhardt, and Margaret R. Mulholland. A coastal $N_2$ fixation hotspot at the Cape Hatteras front: Elucidating spatial heterogeneity in diazotroph activity via supervised machine learning. *Limnology and Oceanography*, 66(5):1832–1849, May 2021. CODEN LIOCAH. ISSN 0024-3590.

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[SCM22] William Gary Sprules, Hélène Cyr, and Charles W. Menza. Multiscale effects of wind-induced hydrodynamics on lake plankton distribution. *Limnology and Oceanography*, 67(7):1631–1646, July 2022. CODEN LIOCAH. ISSN 0024-3590.

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[SCT+21] Jianzhong Su, Wei-Jun Cai, Jeremy M. Testa, Jean R. Brodeur, Baoshan Chen, K. Michael Scaboo, Ming Li, Chunqi Shen, Margaret Dolan, Yuan-Yuan Xu, Yafeng Zhang, and Najid Hussain. Supply-controlled calcium carbonate dissolution decouples the seasonal dissolved oxygen and pH minima in Chesapeake Bay. *Limnology and Oceanography*, 66(10):3796–3810, October 2021. CODEN LIOCAH. ISSN 0024-3590.

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