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08 November 2023
Version 1.08

Title word cross-reference

$79.95 [Sta01]. **$89.95** [Bel01]. > 110 [GSL+07]. $\frac{-}{3}$ [BARS01]. ^{12} [VW08]. ^{13} [AHM+08, ASS03, BCC+04, BLM+06, CCKP02, CWC+07, GRB09, GP06a, GSH04, HFR08, KTG+06, KCP+04, LBM+04, MBCD04, MdG08, MBB+00, RRSC01, RB01a, RHM04, SRL+09, SKC+01, SSL05, TMYH02, TB05, VW08, VMS+04, VR01, VvOBM06, VMS09, WIK08, dGMH+08]. ^{14} [CEBMF05, FKCF00, MBCD04, RRSC01, RB01a, SL02, YPBL07]. ^{15} [AS00a, BBP+06, CWC+07, GRB09, GHB+05, GVT+09, HB05, HTS+09, HVP+07, HWL+00, LBM+04, MM05, MBCD04, MVW+04, MHS+09, RRSC01, RHM04, SRG00, SHBM01, SSL05, TMYH02, TMS+00, TB00, UMY+02, VR01, VEMM07]. ^{16} [MWH01]. ^{18} [RV04, SRL+09, YPBL07, vdSvdSG+00]. ^{210} [JBvHS08, NSBA01, SCARM00]. ^{222} [CDBC00]. ^{226} [BSA+00]. ^{234} [MWE+03, QSH+02]. ^{238} [MWE+03]. ^{239,240} [NSBA01]. ^{31} [ART+06, HRS04]. ^{32} [BNK02]. ^{33} [BNK02, NKJM06]. ^{34} [AHM+08]. ^{64} [CBvEK03]. ^{7} [JBvHS08]. $_{12}$ [BSR+07, TS08]. $_{2}$ [BD04, BSM01, Bat02, BDS+04, BMH+08,

BS03, BARS01, CPGC09, CTCT03, lLCChTO08, CPL+04, CR06, CRF01, DLZ+09, DJB+07, EZA+05, FH03, FPZ09, FMG+08, GEJ+02, GR01, GGH07, GTK+01, GGRJ03, GBFJ07, GSB+09, GAPR06, GZY+08, HVP+07, HFZ+07, KLS+06, KLS+07, KHQ01, KDRR09, LGJ02, LFFC06, MBG+05, MdG08, MVBM04, MB05, ORH01, PCD+08, RBC00, RG04, SNPK+09, SH05b, VTO+05, WC04, WKH+06, WG04]. $_3$ [MB01]. $\bar{}_3$ [Alt01, HWL+00]. $_4$ [CDBC00, LFFC06]. $_{\text{org}}$ [WIK08]. β [AH02, BGHA04, SWS+03]. : [ALRM08, Ano04, AD01, BSMR08, Ber01, BBP+06, ETCP03, FQC+07, HW07a, KHKS05, LG04, LMT05, MBLP01, NHPHH08, RFM07, SAS08, SAE+08, SF04, VW08, VPA02, WGKE04]. Δ [MBCD04, AHM+08, ASS03, BCC+04, BBP+06, CWC+07, GRB09, GP06a, KTG+06, LBM+04, MM05, MdG08, RHM04, SRL+09, SSL05, TMYH02, TB00, TB05, UMY+02, VR01, VMS09, WIK08]. f [BSM01]. μ [GSL+07, HBH00]. $\omega 6$ [PWP07]. Q [ZB01].

-dimethylsulfoniopropionate [SWS+03]. **-factor** [ZB01]. **-fixation** [HVP+07]. **-glucosidase** [AH02]. **-proteobacteria** [BGHA04]. **-stabilizing** [WKSM08].

0 [Bel01, Boy01, Bri01, Caf01, Dow02, Elm02, Fou02, Jun01, Kne02, Pom01, Ris02, SG02, Sta01, Wro01]. **0-12-389845-5** [Sta01]. **0-471-29993-6** [Pom01]. **0-521-66184-6** [Fou02]. **0-521-78367-4** [Bri01]. **0-632-05566-9** [Wro01]. **0-691-00493-5** [Boy01]. **0-691-04929-7** [Jun01]. **0-8493-0008-8** [Kne02]. **0-8493-2026-7** [Ris02]. **0-8493-9062-1** [Elm02]. **0-8493-9063-X** [Bel01]. **0-87590-271-5** [Caf01]. **0-87590-272-3** [Dow02]. **0-87893-057-4** [SG02]. **000-** [HBH00]. **000-m** [KCCE06]. **000-year** [ES00]. **0214** [Wan02]. **0214-8358** [Wan02].

1 [Elm02, Mil02]. **1-57003-431-1** [Mil02]. **101** [Ano04, KSWC+03]. **110m** [AGL03]. **17-year** [SRKK08]. **170**^{o} [ZMK+08]. **1974-99** [LIE06]. **1998** [TAB+00]. **1**^{o} [ZMK+08].

2-week-old [AGKK08]. **2.6** [KT02]. **2005** [RFM07]. **20th** [AS06, OKO+01]. **21st** [Wan02]. **234Th** [RFW08]. **234Th-based** [RFW08].

3 [Dow02]. **3-mercaptopropionic** [HMB06].

4 [Bri01, Gou01, SG02]. **46**^{o} [PLW+08].

5 [Boy01, Caf01, Sta01]. **5-yr** [Pil04].

6 [Fou02, Pom01]. **6-week-old** [AGKK08]. **65** [Wan02].

7 [Jun01, Ris02].

8 [Kne02]. **8-year** [SKBC01]. **8358** [Wan02].

9 [Wro01]. **90** [Gou01]. **90-804341-2-4** [Gou01].

abiotic [ESA06, HWYL07]. **above** [JPK+05]. **abrupt** [Boy01, YYB+05]. **absolute** [DKKA09, HH03]. **Absorbance** [HMKZ02, BK01b, BK01c, MPD+06]. **Absorption** [HSR+08, BS02a, BS04, BVK02, CLC02, ETCP03, EMIP05, Fin01, HMKZ02, LMPY00, LBD+09, MV00, MN04, SSMM00, WV00, DdG09a]. **Abundance** [BK03a, CG09, CDD+03, Kiø00, vdSvdSG+00, BLS+06, CMH+08, CW02, DGV01b, DPC+06, GCG+02, GRB02, GZY+08, Har02, HOFD01, HVP+07, IHHH00, INU04, KDO09, KN07, LHB04, MRM07, ML05, NTDV06, NML+05, PD02, RL07, TA03, Thi00, WSHW05]. **abundances** [MCC02, RRSC01, SF05]. **abundant** [KS04a]. **abyssal** [DPC+08, HBH+07, SKBC01, SRKK08, VRS09]. **Academic** [Sta01]. **Acartia** [BB04b, Møl07, XW02]. **accelerating** [SABA02]. **accelerations** [dlFSIN08]. **accelerator** [FKCF00]. **acceptors** [MED+08]. **Accessory** [TCB+00]. **acclimated** [BARS01]. **Acclimation** [SWN08, vdPVB07, MGW+05]. **acclimatization** [PGC07]. **acclimatized** [NRB08]. **accompanying** [TKAW03]. **Accounting** [MFF07]. **accretion** [Cra07]. **Accumulation** [CSK+00, GW03, HP03, LNJL09, AFH07, Ber03, BRB+01, BSA+00, BSL+07, CSWD07, Ceb02, Cra07, CHT02, Dal03, KKKT07, PNPA04, PLK+05, RKH03, SSK06, SWCL01, Shi04, SlBWC+00, SF03b, SF03c, SH00, TCD+03, TVL+00, TMB07, VM06]. **accurate** [MWE+03]. **accurately** [BEM+02]. **Acetate** [HST+02]. **aciculiferum** [RL01a]. **acid** [BKK+06, BMNB+06, BJD05, BDK+08, EMWL06, FHDKR03, FGM+03, FSBB05, HMB06, KF01, LBC+04, LLC+09, LMZB08, MHRW02, MGL02, PWP07, PTLJ01, PF01b, PAS+05, QSH+02, RB06, SR07, Tho09, TAB+00, THH02, THL+09, TGFPT08, VVSM09, WTC+05]. **acid-sensitive** [FHDKR03]. **acidic** [KT02, PTKP00]. **acidification** [AG03b, FHDKR03, GRV+09, RG08, VMKN03, WMRK06]. **acidified** [BRB+01, JBH+04, KHB+00, KHK+03]. **acidity** [PTKP00]. **acidity-driven** [PTKP00]. **acids** [AP00b, AHR+01, BB05, GvRE+02, KAM04, KF01, KK00, KLAF04, MGW+05, PPH03, PBGV04, RBMN03, RS01, SO07, SAP+06, Shi04, TLS01, TS06, TvAVH06, TTG+09, VW01, WBvE02, WvE04, WV00, vE02]. **acoustic** [HM03b, KJH03]. **acquisition** [KDRR09, MGW+05, PQP05, RRBS03, RRS06, SRNW06, SKM05, TXH05, Tor00, TRM00]. **Acropora** [OFKH01, SE06]. **Across** [SVPK+09, BNM+09, CSK+00, CFO+00, CFG07, DET04, DMEPA04, DJG+06, HMR+07, JBM+07, KB07, LES+05, LMMW03, LZ09, MCJ+06, NCPd08, ORH01, RHJ02, SC00, SLHK02, TLS01]. **across-shelf** [CFG07]. **acrylic** [EMWL06]. **acting** [HMJ04]. **active** [Dix00, HMS+04, RCL+02, VMH+01, vdPAJ+06]. **activities** [EMPI07, FSS+00, SHA08]. **Activity**

[CJ08, Bat00, DP01, DA03, DR06, EPS00, GCG+02, GGRJ03, GSL+07, HWL+00, KHP+06, KED+07, MT06, MGF03, NDCP06, OS05, PS06, RORR+09, RRH+03, RvBB02, RGRPD04, SXLM06, TXH05, TCR03, TPFS09, TLvAH06, WG04, WdMD+00, WSHW05, dBSN+06]. **acuminata** [SGG+08]. **Adaptation** [CMCB+09, HHM+09, SW05a, VVD+09]. **Adaptive** [DHKH05, LN04, Nor04, RL01a]. **addition** [CPCK00, CCKP02, EVW07, EGP08, HTS+09, HMR+07, KCP+04, MVW+04, MHS+09, OAA+06, TMS+00, WWMB05]. **additions** [Car01, HB05, LTM01]. **additive** [SA09]. **Addressing** [AD02, CG08]. **adiabatic** [GBH+02]. **Adirondack** [SDM+09]. **adjacent** [THL+09]. **adjustment** [HRA07]. **Adriatic** [BZH00]. **adult** [HL06, JL08, NA05]. **adult-juvenile** [HL06]. **adults** [AMS+02]. **advances** [Sch06b]. **advantages** [AD07]. **advecting** [YM03]. **advection** [AKG+05, DAL02, JFH+05, JHW05, MRK02, PHK02, RB09, STK+04]. **Advective** [CR06, HR00b, MGGM06, PH03, CWG+07]. **Aeration** [GHWG04]. **Aerobic** [LBG+09, PM08, GKS+02, SF05, SGT+06]. **aeruginosa** [GPAP+04, HTWG08, KJ00, Lür03, RSWH04, SWH+05]. **affect** [MM03, PSH+07, RKK09, Shi04, TKM07]. **affected** [IR06, LLDS06, MTC+06]. **affecting** [KRZ06]. **affects** [FH09, LFPH07, LB00, MACB07, SFC+00]. **affinity** [JGSB07, TRT03]. **Africa** [LJ09, CWJ09, HHT01, MRK02, MVD05, Pil04, VBH+05, WBB09]. **African** [JM08, Pil04]. **after** [HLK+07, JPJS06, OFKH01, SK04]. **after-effect** [OFKH01]. **against** [BH02, BJL01, KSP07]. **Agardh** [WLP+07]. **age** [EWE02, HH05, LBC06, MCLM02, RM06]. **Agent** [HKNG08]. **Agent-based** [HKNG08]. **agents** [BVWB07, SFC+00]. **ages** [BW01, MBCD04]. **Aggregate** [KKT05, PG00, VOG+08]. **aggregates** [All00, GP00, GP01, GSL+07, GSJ+09, HMT+08, Kiø00, LWU+05, PG00, Plo01, PHK02, PP07, WSHN00]. **aggregating** [DG06]. **aggregation** [Ham02]. **Aging** [BLJ09, CW01, GRdL+08]. **Aglaura** [CCGH05]. **agricultural** [AD01, FL06, HBM08, SNFT07]. **agriculture** [QLD+02]. **AHOD** [ME06]. **Aiptasia** [GCG05]. **Air** [BMH+08, BSM01, Bat02, BMD+04, KSS+07, LD01, SLHK02]. **air-sea** [BSM01]. **Airborne** [APH+03, DZL+03, HTWG08]. **airsheds** [Sch09]. **akashiwo** [BGC04a, LCS02, SNM+08, TDT01]. **Aktun** [vHRB+09]. **al.** [AP00a, EW03]. **Alabama** [CF01]. **alarm** [LBT06]. **Alaska** [BLSQ07, BB07, CGD08, ML05, PDS07, SMO07]. **Alaskan** [BLS+06, MFK+09]. **albedos** [CLL+03]. **Alboran** [GST+01]. **aldehydes** [CWPL05, DKt08]. **aldose** [HY01]. **Alexander** [Caf01]. **Alexandrium** [AKG+05, DA03, JTL01, MWM+04, SCP08]. **alga** [BGR+09, BGC04a, JM02, LCS02, Lür03, MHDH00, PSJ00, SH03, VVD+09]. **algae** [AGL03, BS02b, Boe00, BLM+06, Chi00, DVV+07, EPS00, EMIP05, HFLD03, HFR08, HFR09, KHKS05, LLB07, QYEA06, SSM+04, SBZ+09, TSG+01, TMA03, VZM07, VEMM07, VAS02, vE02]. **Algal** [KL01, LTT07, PCvRR00, AP00c, BAPMMB01, BKM05, BKK+06,

BMNSK00, BLSQ07, CR08, CHH07, CWJ09, DGM+05, EJL+06, FKS+01, Fin04, FBW+08, HTS+03, LBW+08, LU08, MSAC06, MSHE09, MSVAC04, MLSS05, PS06, PMK08, RC07, SSLE02, SPM04, SEC08, SDH02, SJW03, TMP02, VMS+04, WL06, YCM+01, ZHL06]. **algal-** [PS06, SPM04]. **algal-bacterial** [MLSS05, VMS+04]. **algorithm** [Mor03, SM01]. **alike** [TBG01]. **alive** [Duf09]. **Alkaline** [NDCP06, DP01, DR06, RRH+03, SXLM06, TXH05]. **alkalinity** [KLC06, KHK+03, WKH+06]. **alkalinity-dissolved** [WKH+06]. **Allelopathic** [HH04, PMK08, SEL+02]. **allelopathy** [KHNV05]. **Aller** [Mil02, Mil02]. **Alley** [Boy01]. **Allocation** [OCNH00, ACW02]. **Allochthonous** [Jan03, BLJ09, JMBJ01, KJMJ03, KJJ07, KAJ08, KCP+04, MID+07, VVSM09, WR00, WCB+06, vWSBT08, vWBT09]. **allometric** [CMH+08]. **allow** [GF02, NSBA01]. **Almeria** [GST+01]. **Almeria-Oran** [GST+01]. **ALOHA** [BK03b, CDK02, Gre09]. **along** [BMT+04, BdG02, BFCLÁ08, CS06, CLS05, CW02, FF04, FTC+06, FTY+06, GCM+09, GK03, HOFD01, JCBA08, KF01, KVR03, LFFC06, MH00, PDS07, PHMR+07, SIH+06, SGB04, SMA+06, SMD+04, SMP05, SNFT07, SWSJ02, StLHB+07, SLL+04, TN09, dGB02]. **alongshore** [GDK03]. **Alpine** [MLRMR09, CPGC09, DSW05, EPP+08, KLWS08, LRMV04, MMCW09, PS06, SK05, SCV04, TS06, WW00]. **alpinus** [Hol00]. **ALPS** [DIMP08]. **alter** [GV09]. **alteration** [Ham05, VW08]. **alternate** [Fra01]. **Alternative** [BCSW07, BP03, Law03, SD05, TA03]. **alters** [LW01b, PSH08]. **Altitude** [LLK05, BSS+01, TLS01]. **Altitude-dependent** [LLK05]. **alum** [RHW00]. **aluminum** [KMHN07, VMKN03]. **always** [HD03b]. **Amazon** [AHR+01, FSM+07, HMT+00, RLC+01, TSMB05, TB09]. **ambient** [BCDH09]. **ambigua** [HWA03]. **ambiguity** [HMKZ02]. **ambush** [HK06]. **ambush-feeding** [HK06]. **America** [LBEP06, RBJ+06]. **American** [Caf01, Dow02, MVD05, SFB+09]. **americana** [CF05, NA06, NA09, SJ08]. **americanus** [Ann05]. **americium** [FNLG00]. **amino** [AHR+01, BK03a, GvRE+02, KF01, KLAF04, MGW+05, MGL02, PTLJ01, PPH03, PF01b, RS01, Shi04, SR07, TLS01, TS06, TvAVH06, WV00]. **ammonia** [RlBW01]. **Ammonium** [AW00a, AW00b, CRJ08, CT02, SH07, Ano04, Ano08a, EPD09, GMA+06, GMRVFP02, HLW+07, JKGT08, KD02, KSWC+03, MPB+08, TDJ+06, WPD+01, YTVR07]. **ammonium-supported** [Ano04, KSWC+03]. **amoebae** [vHRB+09]. **among** [AFB01, CT04, CGH+04, CPCLS04, GA01, LVC+00, LSK07, SD05, SAS+03, SMA00, SH04, TJV01, TLS01, TS08, VK06, WGKE04, Wey04]. **among-** [LVC+00]. **Amount** [RHW00]. **amounts** [BLM+06]. **amphibian** [CGWK+09]. **Amphipod** [CT06, SDC00]. **Amphipoda** [ZB03b]. **amphipods** [BL07]. **Amphiura** [VTR03]. **Amphiuridae** [VTR03]. **amplification** [Ano08b, CSG+06, DMS+03]. **amplifies** [MSVS+07]. **amurensis** [CTCT03]. **Amyot** [SH10]. **Anabaena** [HKNG08]. **anadromous** [CPB+08]. **Anaerobic** [EPD09, HLW+07, RG04, TDJ+06, BLWB08, GKS+02, GFJ+02, JKGT08, KB07, TKBJ05]. **analyses**

[CCKC05, DPC+08, SHS03a, TMYH02, WST06]. **Analysis** [TMS+00, WKH+06, AD00b, ACW02, BMNSK00, BDK+06b, Cal01, DKRZ06, FBW+08, FTC+06, FTY+06, GGP01, GBFJ07, GJS01, GSJ+09, HBG00, HM03b, JBM+07, JP03, KR08, KJH03, PDH06, PE07, RA06, STST07, STP+07, SM05a, SM05b, WMW+08, YJMT08, vODL+09]. **anammox** [HLK+07, JHW+07, RGRPD04, TN09]. **Anatomy** [ESI01]. **anchialine** [vHRB+09]. **ancient** [MSVS+07, Gou01]. **Andean** [CMC+09]. **Andes** [AMW+07, TSMB05]. **anemones** [LLF+09]. **angles** [ZMK+08]. **anglica** [GK03]. **anguillarum** [GKS+02]. **anhydrase** [EPS00, MT06]. **Anna** [Gou01]. **annandalei** [INU04]. **Annual** [ASI+02, JCC02, SP09, Lee01, LLB04, MVC+05, RZMB05, WCGBG07]. **Anomalously** [TA03]. **anophagefferens** [BRL03, GRB02, MGL02]. **Anostraca** [GSA+05]. **anoxia** [MJ03]. **anoxic** [ART+06, AVJ+00, BPOT04, BNOK+04, CGCPA08, CDD07b, GZY+08, HLCG07, HPAM01, LSC+08, PBM+07, TVL+00, Tun00, WBH03]. **anoxygenic** [Goe02a, SF05, SGT+06]. **Antagonistic** [CBG01]. **Antarctic** [ASAC04, AW00a, AW00b, AMS+02, ASH+06, CDD+03, DJB+07, LPD+04, LLB04, MAS+02, PAS+05, PCD+08, ROP+02, SAP+06, SRZ04, SHS03a, SMDG04, TSH+06, TS08, TKM07, VHL+04, WCM09, vdPAJ+06]. **Antarctica** [CRBF+06, DP01, GMRD04, MFG+09, SWD+05, TPM01, TKAW03, Vin00, VH06, WSNH06, dVKJK07, dVKT+09, KMvD+09, SG08]. **antennule** [SCH07]. **Anthropogenic** [PVP+06, BDK+06b, CRF01, KHQ01, Sch01, SSS02]. **antioxidant** [BSMR08]. **antipredator** [SD05, VK06]. **antipredatory** [Sak00]. **Apalachicola** [CL02]. **Aphanizomenon** [Ber01, Plo08]. **Apopka** [BHVC05, BHVC06, Sch06a]. **Appalachian** [LVSW07]. **Apparent** [YS06, HMKZ02, Kim05, MMS+02, PIF08]. **appear** [TDT01]. **appendicularian** [AK00, FA03, LUHS04, TFNT07]. **applicability** [FHB+09]. **applicable** [RSY04]. **Application** [GD01b, KSM06, NDCP08, BK01b, DL00, Har01, HFE07, NSBA01]. **Applications** [Gai00, CLF+08]. **applied** [BJBA03, MCL06]. **approach** [Bia01, BNM+09, BPLH04, BK07, DB07, DHP03, GL07, LBC06, LRS+03, MBCD04, MBC06, MKV01, Mul01, MVW+04, Nor04, PED+09, RLM+08, RB01a, SAS+03, TBH07, WIK08, WKFP06, Wro01]. **approaches** [Cur00, LSF+08]. **Aqaba** [FPZ09, FWM+05, MLC+07, LAG+03, SMGP06]. **Aquatic** [Kem00, BS02a, BB04a, BP03, BSJ02, BSJM06, BK07, CCH02, HBTM05, HSF+08, HM03a, HA08, HR03, IKT03, JCK+08, LLT05, LL05, MPJ08, MD04, MKV01, Mul01, NA09, OH08, PNPA04, RHJ04, STST07, SL00, Thi00, TBH07, VR01]. **aquaticus** [ZB03b]. **Arabian** [BBJ+06, FTC+06, FTY+06, Goe02b, JHW+07, NDT07, WGC00]. **aragonite** [CPL+04]. **araucanus** [MBC+05]. **Archaea** [KED+07, TLvAH06, WCB+06, CDD+03, CCCC07]. **Archaeal** [TvAVH06, WKW09]. **archipelago** [CRY+08]. **architecture** [WW00]. **Arctic** [BJG+00, BGHA04, CTY06, CTWFP06, DB07, Dit04, GLP+08,

GGH07, HM08, HBF+06, KSM06, KED+07, LFPH07, LN02, MSGK06, MFK+09, MHK+07, MVA+09, OBB+04, RG04, RGRPD04, SSH+09, TMH+06, VGP+08, WCB+06]. **area** [AOR07, BRW07, ET08, KKKT07, VMC+07, FKS+01]. **areal** [ME06]. **areas** [DBWS06, MTC+06, Reu02, SF04]. **arenaria** [HM02]. **Argopecten** [TG09]. **arguments** [RS09]. **argus** [BFCLÁ08, GB09]. **arid** [CIWH09]. **arid-zone** [CIWH09]. **arising** [HLH09]. **armatus** [VVD+09]. **armored** [MA00]. **aromaticity** [MBW+01]. **arrangement** [KTM01]. **arsenate** [HFLD03]. **arsenic** [LVSW07]. **Artemia** [GSA+05]. **artifacts** [HBH+07]. **artificial** [EDF+03, KTM01]. **Ascending** [ASP04]. **ascidians** [RCAK05]. **Asellus** [ZB03b]. **Asexuality** [AMW+07]. **ash** [MSBHG01]. **ash-free** [MSBHG01]. **Asian** [SWF04]. **ASLO** [NDCP08]. **Asparagopsis** [MHDH00, PGC07]. **aspect** [MCV+05]. **aspects** [EDF+03]. **assays** [GWH06]. **assemblage** [Dav00, HSCF06, KLS+06, KLS+07, LB04b, Rit09]. **assemblages** [ASI+02, CCC+03, CS05, DMEPA04, FH09, FB05, HMS+04, HLGI08, HPT+09, KCWC06, MT06, NKE08, RP06, RM06, RJS+03, SNPK+09, SMA00, TMC06, WPW+09, WBR03b, ZSS+08]. **assembly** [AR06, DVV+07]. **assessed** [CEBMF05, RHJ05]. **Assessing** [BJW+02, BW05, BZS07, CDH+08, CGWK+09, FHB+09, Lan03, MBF+03, MBCD04, VD08, WNP04, YJMT08]. **Assessment** [BTS+06, CLC02, Mul01, SMC08, SKH+01, AD02, BVH02, DBE08, HHB+09, HPV+00, HBM08, KNC+09, Law03, LWB+01, SB03, VHL+04, WJMD07, WR03]. **assimilating** [MKK04]. **Assimilation** [BFS02, WLTF03, CBG01, GSNH04, MKVK05, RlBW02, TMC06, WDX01, XW02, YTVR07, YW02, dlM09]. **Assimilatory** [ATJH08]. **associated** [BVN+02, BSC+09, ED05, KD02, KLSW00, RSWH04, SDC00, TG03, WCGBG07, WWWY05, dVKJK07]. **Associates** [SG02]. **Associations** [WGKE04, NA05]. **Asteroidea** [MSBHG01]. **Asymmetric** [PF01c]. **Atlantic** [ÁS07, BSSL03, DJG+06, DKA02, GA00, GA01, GJT+08, GAM+01, GP03, GHN+02, HDMB04, KLAF04, LD01, LHB04, MH04b, MML+08b, MVC+05, PLW+08, TSSWK+06, TSDK+09, Wey04, dCCL09, ACW+03, ASGA+07, ÁSGMP01, ÁÁS07, BAG+09, BGC+04b, BZS07, BST+08, CPL+04, CRJ08, DTM+08, Dix00, DAA+01, DWA+02, EJL+06, EMPI07, FSM+07, GSG+05, GvRE+02, GSL+07, HVH00, KBD+00, LES+05, LA06, MKK04, MKVK05, Mar05, MML+08a, MIN+05, MCB08, MCC02, MN04, MY05, ORH01, ODR+08, OS01b, RLP+06, RvAV+06, RSH08, SIH+06, SRF+01, SGT+06, SAPA+02, SMC08, StLHB+07, TPSF01, TvAVH06, TLvAH06, TN09, UM05, WJMD07, ZJC+07, vODL+09]. **atlanticum** [LJ09]. **Atmosphere** [BMH+08]. **Atmospheric** [MOK+03, MBPVR06, RBC00, BBJ05, BGC+05, Caf01, CH05a, DT00, EBS07, LH08]. **Atoll** [APH+03, DACG01]. **ATP** [LTT07]. **attached** [MWH01, NH06b, PIF08]. **Attachment** [JJP04, Car02]. **attack** [LLF+09]. **attenuance** [STK+04]. **Attenuation** [LVC+00, ARK+00, BJG+00, BVK02, BB09, Kir03, MV00]. **attractants** [HMJ04]. **Atyidae** [PH07, CRY+08]. **augmented** [BSA+00]. **Augusta**

[LAN08]. **Aulacoseira** [JGZ+08, VOG+08]. **Aurelia** [RG06]. **Aureococcus** [BRL03, GRB02, MGL02]. **Aureoumbra** [LB00]. **austral** [PTK+07, SR07]. **Australia** [Chi00, CIWH09, DCMS03, EM02, HMS+07, HBTM05, HLD+03, NSH+09, SMC08]. **Australian** [EF05]. **australis** [MHRW02]. **Austrian** [LD01]. **Authors** [Ano01]. **autocatalyzed** [BFBHF04]. **Autochthonous** [KCP+04, VVSM09, JMBJ01, KAJ08, MGMW06, SM05b]. **autonomous** [BST+08, CLF+08, FDH+01, HM08, JN08, NAH+08, SGLT08, DIMP08]. **Autosub** [NAH+08]. **autotrophic** [BMCvE06, BGC+05, Nil03, TRT04]. **autotrophs** [RH06]. **autumn** [MFG+09, TMS+00, XBD+09]. **Availability** [BGC+04b, CSE+08, ALRM08, ARO+04, BFCS+01, CFMH01, FF04, Har02, KTLS03, KHB+00, LCPS05, MLC+07, MED+08, MPA+07, MML+08b, PCA+00, RH06, SXLM06, SP04, TGdB+01, TvdWdB04, TMB07]. **available** [BVK02]. **averaging** [OHCP02]. **Avicennia** [KA06]. **avoidance** [ARB+04, Fra01, IJA+04, JS03b]. **Avoiding** [PPL+02]. **away** [YM03]. **axenic** [SBL06]. **azoricus** [Dix00].

B [Bel01, Boy01, Caf01, Sta01, BSR+07, FGM+03, KCE+00, MBC+05, TS08, WdMD+00]. **Ba** [TBHS01]. **Ba/Ca** [TBHS01]. **Bacillariophyceae** [PD02, TSG+01, VOG+08]. **back** [SRKK08]. **backscattering** [LMBP07, SSMM00]. **Bacteria** [KED+07, TLvAH06, AGMP04, BVN+02, BRT+03, BVB03, BBL+03, CMSVA02, CGCPA08, CNGV09, CBK+08, CTY06, DMJ09, DAV+05, FSSP02, GM04b, GD00b, GD01a, GW03, GSLT08, GBM+04, GFJ+02, GHN+02, GNU00, HH04, HPHT00, KJ01, KCP+04, LLT05, LLB07, LB04b, LRMV04, MKK04, MdG08, MGF03, MWH01, ORFD+09, PDR+09, PIF08, SF05, SGT+06, SSM+04, SC08, TRT04, TS08, TCD+03, VMH+01, VEMM07, ZHSJ09, dGMH+08, vNHM+09, CDD+03]. **bacteria-containing** [dGMH+08]. **bacteria-mediated** [BBL+03]. **bacteria-phytoplankton** [DAV+05, SC08]. **Bacterial** [BA01, CMC+09, GP00, KB06, KAW05, PTLJ01, PW01, PG00, PBGV04, SP04, SVB+08, TPM01, ZB03b, ZWC+04, ASGA+07, AH02, AKP+09, BLJ09, BMBA07, BOC01, BKM05, BdG02, BCDH09, CC01, CSSNA02, Car01, CKA03, Coc01, CD03, DKA02, GCG+02, Goe02a, GvRE+02, HTS+03, JCK+08, KB08a, KB08b, KHP+06, KL00, KLC06, KMC+00, KDMC05, LJ01, LSC+08, LFAB06, LTT07, LCLP02, MBCD04, MML+08a, MNM+09, MLSS05, OBSD04, PS06, RORR+09, RSH08, RlBW01, SKJ+07, SJW03, SC08, Thi00, TB09, TS00, VDK04, VMS+04, WSHW05, WKW09, YCM+01, YNCK04, dGB02, vOMSM06a, vOMSM06b]. **bacterial-based** [BMBA07]. **bacterio** [CG01]. **bacterio-** [CG01]. **Bacteriochlorophyll** [Goe02a]. **Bacteriochlorophyll-a** [Goe02a]. **bacteriophage** [BVN+02]. **bacterioplankter** [BR00]. **Bacterioplankton** [HD03a, KCWC06, NFFK00, AWLH04, CH05b, GAPR06, HDSC09, HSCF06, LB04b, MSAC06, MPACG01, MSVAC04, MSPAE06, MVC+05, NSM09, PPH03, Too01, UMASG07, UVY+01, WBH03, WAGH09]. **bacterium** [MHB01]. **bacterivorous** [AVA+02, DMJ09]. **bacterivory** [VGP+08].

Bahamas [DZL+03, LRS+03, ZVRL03]. **Bahamian** [BZ02]. **Baikal** [RJS+03, ES00, JGZ+08, KSS+07, MBF+03, MMW06, RKWG00, SDG+07, WRG+05]. **balance** [AD05a, Ano07, BJBA03, CZRD+04, CR10, DGH+07, DGV01b, DdG09b, GHTJ00, GAM+01, MCM06, PBC02, RB01a, RAKE05, RB01b, SB03, SRF+01, SK01, STST07, WPV00]. **balances** [KFW09]. **Baldeggersee** [TB00, TB05]. **baleen** [Sch00]. **Ballast** [PIF08, BDvO+03, GJRM07]. **ballasting** [PIKB08]. **balthica** [PvAB+03, RHM04]. **Baltic** [SSA+04, TKBJ05, ART+06, BEW+00, BEM+02, Dup00, GEJ+02, GLVFH09, GZY+08, HLK+07, HVH00, HH02, KAW05, KRM09, KUP+06, LHWE01, LSK+03, LL05, Plo08, RSY04, VJ07, WSBL06]. **banding** [EKdF07, WCGBG07]. **Bangdu** [HLK05]. **bank** [GRCS06, JS03a, SK04, SDH02, ODR+08, vODL+09]. **banks** [DLDE04, FRO01, DZL+03, DDZ03]. **bar** [RSC04]. **Barbara** [BVB03, MSSW+07]. **Barcelona** [Wan02]. **Barents** [NML+05, OS01b]. **Barium** [TCL+09]. **Barnacle** [PDS05, PHMR+07]. **Barrier** [Chi00, GEP08, KDS03, LLvW+03, WKH+06]. **basal** [HGBB08]. **base** [DSD02, WTM09]. **base-** [WTM09]. **based** [ASH+06, BRT+03, BMBA07, CHW+01, GDL+00, HKNG08, Leo08, LM02, MBF+03, PLK+05, PMPC00, RNR08, RPR+02, RMS+08, SPM04, SY07, Too01, GFK00, RFW08]. **baseline** [MM03, MdG08]. **baselines** [WAB+08]. **Basin** [AIK04, KR08, YT09, dBWF+05, AIS00, BNOK+04, BRB+01, lLCChTO08, GGIA06, HISW00, HCD+09, LES+05, LH08, RHCS08, RvAV+06, SI08, TVL+00, dlFSIN08, AHR+01, BVB03, HTAS06, HST+02, LSC+08, MOK+03, ME07, TIH+01, TVL+00]. **Basin-scale** [AIK04, AIS00, GGIA06, HISW00, LES+05, SI08]. **basins** [KSM06]. **bass** [BFS02]. **batch** [BS03, GD00b]. **bathymetric** [SGLT08]. **bathymetry** [DZL+03, LRS+03]. **Bathymodiolus** [BFS+04, DBS+04, Dix00]. **bathypelagic** [HD03a, HSCF06, RvAV+06, TvAVH06]. **BATS** [GHN+02, MN04]. **Bay** [Ano08b, AP00c, BMU04, BCBS04, BW99, BJBA03, BDNF01, CL02, CCKC05, CSG+06, DD09a, DAMM+09, DC05, EM02, GGM03, GTS+09, GSB+09, GGDC04, GGS06, HHY+05, Leh00b, MCPP06b, Ris02, RHN+02, TKBJ05, WKFP06, WCB+06, YYTH07, GGRJ03, GFM+01, KFW09, PP00, RTT+02, SLE04, TG09, BEM+02, BMD+04, CZRD+04, CB04, CTCT03, CGL03, CG03, CGL+04, CCH02, CDBC00, DJH05, DAV04, FHBW06, GN00, HLCG07, HLK05, JNKdV09, JRS03, KCWC06, KRZ06, KN07, LBC06, LRF07, LF09, MCL06, MC06, NDCP06, NSBA01, NCC00, PD05, RNR08, RZMB05, SAH+05, SAHS06, SAS08, SSA+04, SH06, SHA08, SP02, TRT03, TRT04, THWS00, TWS01, TS01, Too01, TNO+08, WV00, YTVR07, ZC02]. **Bay-Delta** [CGL+04]. **bayou** [HLCG07, EB01, HLCG07]. **be** [KGYU06, TDT01, JBvHS08]. **Beach** [dSYL+08, CBH08]. **beachface** [HU07]. **Bear** [DFBA07]. **bearing** [LEML09, YSM+03]. **beat** [Mor06]. **Beaufort** [WCB+06, XBD+09]. **Bed** [JWRW07, AH01a, SDJT03]. **bedload**

[SPM04]. **beds** [CMD+09, DRSL07, FT03, JPK+05, PVD+07, RKH03]. **been** [NH06a]. **before** [YM03]. **Behavior** [CWLH06, BRM+07, BDC00, EDF+03, FMS04, FNM07, GPAP+04, JWRW07, KDO09, KJ01, LLS08, LB00, RKGC+01, SD05, SGPK07, SFC+00, SSS06, TGF00, WM07, vDBL05]. **Behavioral** [CMJ07, GB09, RH03]. **behaviors** [BGC04a, DG06, SJ08]. **being** [LM02]. **Belgian** [BRP+06]. **Belgium** [Gou01, SMH+06]. **Belize** [SGLT08, WLRT06]. **below** [AB07]. **belt** [JCBA08, PDS07]. **beneath** [NDP+07, SFL05]. **Bengal** [BMD+04, RNR08]. **Benguela** [BZS07, PN06]. **Benitez** [MWE+04]. **Benitez-Nelson** [MWE+04]. **Benthic** [ALH01, BLM+06, CWG+07, Dal03, Dup00, EF05, GK03, JHW05, KFW09, KT02, KKT05, NHTF01, SLL+04, TMA03, WBB09, AG03a, AJ01, ARO+04, AGP07, BB04a, BST+05a, BS02b, CCS06, CVH+05, Com02, CDD07a, CJB00, DTFL03, DS07b, DPC+08, FDH+01, GMR+09, GGH07, GTK+01, GGRJ03, GM04b, GBFJ07, GFK00, GSFB02, HMS+04, HBF+06, HFR08, HLK05, JFH+05, KBL08, KDS03, LLC+09, LRS+03, MG04, MTM+01, NH06a, NTM+05, Nil03, NHN+05, PDR+09, QMS+07, QLD+02, RCVK09, RTT+02, SSAZ01, SABA02, SKBC01, SF04, TVT04, TS01, VJV+03, VKV07, VMJ08, VH06, WBP09, WG04, WR03, WBD02, WA01, WLTF03, YYTH07, YM03]. **Benthic-pelagic** [NHTF01, KBL08, TS01]. **benthopelagic** [DS07b, MCV+05]. **benthos** [HM03a, JTAM09]. **benthoscape** [ZLP+03]. **Bering** [BB07, MT06, Sch00, Sch01]. **Bermuda** [BSM01, GHN+02, MVC+05, MN04, ZXN+08]. **Bertness** [SG02]. **between** [ARV+07, AVJ+00, Ano08a, Arn00, BAPMMB01, BGE04, BSS09, BJBA03, CVH+05, CL02, CLL+09, CLC02, CPCS01, CWC+07, Cul06, DC05, EVW07, ERH06, FMG+08, GL07, GJRM07, HDSC09, HBTM05, Ham05, HHY+05, HD09, HSLV05, HH04, HWL+00, JL08, JM02, LAG+03, LJCM08, LLT05, LRMV04, LTB09, MW02, MRM07, MHC05, MPB+08, MLSS05, NHPHH08, OB04, OV03, OHT06, PPH03, RC05a, RJS+03, SWH+05, Sar07, SRF+01, SGPM09, SM01, TMK+07, VMH+01, VDK04, VZM07, Wey04, WA01, WBB09, WLTF03, ZB01, ZMK+08, vNHM+09]. **Beyond** [LSK+03]. **bias** [RFW08]. **biasing** [KHQ01]. **Bicarbonate** [MT06, BTdB03]. **Bidirectional** [MZV03, VM05, ZVRL03]. **Big** [PBGJ09]. **bigger** [HD03b]. **Bight** [JHW05, GJT+08, MY05]. **bilateral** [WRD01]. **binding** [AKH04, BRT+03, DNB+04, SRM05]. **Bio** [BVG+07, OCSB05, BPC06, GGDC04, NCPd08, RL01b]. **bio-fluid** [RL01b]. **bio-irrigation** [GGDC04]. **bio-oceanographic** [BPC06]. **Bio-optical** [BVG+07, OCSB05, NCPd08]. **Bioaccumulation** [AGL03, SF03a]. **Bioavailability** [ACW+03, BK03b, CW01, SDC00, SSS02, WTM09, HHB+09, HPHT00, KS04a, KSM+05, PRKHW04, SGR08, SHL+05, SLJ00, WS04]. **bioavailable** [VJ07]. **Biochemical** [AFL07, BvE07, MH00, BWK+07, LG04, LBC06, SHSH+07]. **biocomplexity** [LALE04]. **Biodegradable** [KKH06]. **biodeposition** [NCO02, NHTF01]. **Biodiversity** [CSWD07, LN04, Nor04, BK07, DJT06, Hei08, HP06,

KMHE04, WMWV04, WBP09]. **biodiversity-inspired** [BK07]. **biofilm** [AGKK08, Bat00, DKA+03, EW07, HBH+06, LZ09, RGAS04]. **biofilms** [AGP07, HMJ04, UPC+05, WNAW09]. **Biogas** [DJB+07]. **Biogeneration** [ORFD+09]. **Biogenic** [BMD+04, HMT+08, KFN00, LVB08, SSK06, SDV+06, THWS00]. **Biogeochemical** [ÁÁS07, BSM01, CFMH01, Chr05, CFO+00, GEP08, MBPVR06, PTK+07, BZ03, CV05, CA08, FZL+05, KFW09, LBM+04, LMBP07, LLDS06, MC06, NCPd08, NIE+00, OCSB05, PDM+09, PWS09, PCD+08, SH10, Thi00, TS00, VHL+04]. **biogeochemically** [MPACG01]. **Biogeochemistry** [AJS07, BDSB07, McM00, WSNH06, COK+08, HAA09, HB06, HFZ+07, JCBA08, KA06, KC08, LRF07, NEC03, SBC+08, WGLT05, WMWV04]. **biogeographic** [PGC07]. **Biogeography** [KDMC05, GBL+04, HLGI08]. **Bioirrigation** [MGGM06, MCJ+06, MKV01, SdB06, VPH+07]. **Biological** [AKE04, BSA+00, Gay00, MJW03, PAF+04, SFC+00, TT05, THH02, dVKT+09, FZL+05, Gou01, HHB+09, KCCE06, KHK+03, LLB04, MSZ00, NSH+09, OH00, OB04, SDJT03, SCS+08, WdMD+00, WW02, WCL+07, YYG02, ZZPP01]. **biologically** [MMS+02, RCL+02, VJ07]. **biology** [DORS08, Kil00, TS01]. **Bioluminescent** [vDBL05]. **biomagnification** [CLS05]. **biomanipulation** [Sos00]. **Biomarker** [BKM05, PMPC00]. **biomarkers** [PAS+05, SHS03a]. **biomass** [ADA00a, ADA00b, AFH07, AH03, BDK+06a, BBJ05, CD03, Dup00, FMWC00, Goe02b, HFR08, HK01, JDS08, KRZ06, KLSW00, LJ01, Leh00b, LCC+09, LTB09, MMO06, MGRE+07, New01, RZMB05, SRZ04, SL01, VWPP+06]. **biome** [FAL01]. **biomonitor** [CHT02]. **biooptical** [Zim03]. **biophysical** [PC04]. **Biophysicochemical** [AGP07]. **Bioreactivity** [MBC06, AFB01]. **Biosphere** [FAL01]. **Biostabilization** [DRSL07]. **biosynthesis** [Shi04]. **biota** [Sch01, SMA+06]. **Biotic** [HWYL07, MJ03, BDNF01, ESA06, OBB+04]. **bioturbated** [KGP+02]. **Bioturbation** [VKV07, VPH+07, Shu01, SDH02, VRS09]. **Birch** [SMS09]. **births** [JKS04]. **BIT** [HSB+06, WIK08]. **Bivalve** [RH01, JPK+05, LWU+05, NCO02, PvAB+03, SO07, TCL+09, WSNM00]. **bivalves** [Ben00, GJB+04, GWR+09, NHTF01, PMPC00, RL00, RHM04, SLD00]. **Bivalvia** [Dix00, MBDL01, WSBL06]. **Biwa** [MS05, OKO+01, BVK02, GNU00, INU04, KGYU06, UGY+00]. **Black** [MH04a, AJS07, DKRZ06, FDH+01, JKGT08, KLF+03]. **black-water** [AJS07]. **blackwater** [PCA+00]. **Blackwell** [Wro01]. **Blanes** [DAV04]. **Bleaching** [ACHG07, Fab06, FMWC00, HGFS+05, LRYS06, OFKH01, RG07, RRHPT+06, WLRT06, WAB+08, ZJ03]. **blocks** [OV03]. **Bloom** [CPHM04, TMH+06, AGL03, AH02, BST+05b, BSSL03, CR08, EGPA02, EZA+05, GEJ+02, GRB02, GSW03, GPHS08, LFS+04, LCS02, LU08, LRF07, MWM+04, MG04, MLSS05, PSLO07, PF01b, RLP+06, RHN+02, RRBS03, RNA06, Sar07, ST03, SKH+01, SMG06, TWC+09, VMS+04, WAGH09, WMW+08, YCM+01]. **bloom-forming** [LCS02, RRBS03, Sar07].

blooms [AKG+05, Ber01, BEW+00, BRP+06, BRS01, CC04, CHH07, CFG07, EJL+06, FA03, GFM+01, KNE08, KNC+09, Kut04, LMT05, MCL06, MGVM+06, NKE08, PSEL08, Plo08, PMK08, RC07, RTT+02, SNM+08, TKAW03, UM05, WW03, WL06]. **blue** [Car02, GF02, HFC+04, JWRW07, MV00, REL06, SGPM09, HLD+03]. **bodied** [DGV01a]. **bodies** [Caf01]. **Body** [PSH08, ASH+06, HBH00, HB03]. **Boeckella** [ROP+02]. **Bolivian** [HMT+00]. **bomb** [BW01]. **Bonneville** [KR08]. **Bonney** [LPD+04]. **Book** [Bel01, Boy01, Bri01, Caf01, Dow02, Elm02, Fou02, Gou01, Jun01, Kne02, Mil02, Pom01, Ris02, SG02, Sta01, Wan02, Wro01]. **Borderland** [ME07]. **Boreal** [BCSW07, BST+05a, BP03, BLJ09, CA08, DTFL03, FKS+01, GVT06, GV09, HLL+06, HSB+04, KHP+06, KFR+01, PAF+04, SH10, SLJ00, SKC+01, TXH05, WK09, vWSBT08]. **boryana** [STHG07]. **Bosmina** [ABJ+06, SCH07]. **bosminids** [TIH02]. **Bosporus** [KLF+03]. **both** [BF08a, dGP08]. **bottlenecks** [VAS02]. **Bottom** [CKA03, Arn00, BZ03, BMWW08, CCS06, CLL+03, CV05, DDL+09, FH09, LPW05, LWS01, MSL+03, MMO06, PGP01, SCDR07, SHS03b, TG03, WPW+09, ZB03a]. **Bottom-up** [CKA03, FH09, LWS01, MMO06, SCDR07, WPW+09]. **bottoms** [MS03, MZV03]. **Boudreau** [SR04]. **bound** [CW01, XW02]. **boundaries** [SC00]. **Boundary** [RMK+06, ÁÁS07, BMWW08, GBFJ07, JWRW07, JPK+05, KSM06, LMMW03, LPW05, NA09, PN06, PSJ00, RM04, RHJ02, RHJ04, SSAZ01, SABA02, YM03]. **boundary-layer** [JWRW07, LMMW03, SSAZ01]. **Bow** [BSS+01]. **Brachionus** [Gil03, MA00, SS03, SS06, VZM07]. **brackish** [KAW05]. **branched** [RKM+06]. **branching** [JKLR08]. **Branchipodopsis** [HMD+07]. **Bransfield** [SWD+05]. **Brazil** [RLC+01]. **breakdown** [SSM+09]. **Breathing** [LMMW03]. **breeding** [HRA07]. **breeding-system** [HRA07]. **Brest** [MCL06]. **brevis** [KHNV05, KSP07, PMK08]. **brief** [Ack03]. **brightwellii** [RA00, RNA06]. **brine** [GSA+05]. **brines** [PTK+07]. **British** [NK05, Tun00, BBP+06, LCS02]. **brittle** [VTR03]. **brominated** [KKH04]. **bromine** [HM09]. **bromoform** [MB01]. **Bronk** [SRG00]. **brown** [GRB02, JM02, KCE+00]. **brownwater** [HFE07]. **Brunnsviken** [RMG+04]. **Brunswick** [EF05]. **bryozoan** [FRO01]. **bubble** [ZLL+02]. **bubbles** [BGJ01a, BGJ01b, Ost03]. **budget** [BMT+04, CHB08, CBH08, D'A08, JKLR08, KHM04, MHB03, SSA+04, WBR+03a, YW02]. **budgets** [ÁÁS07, AMS+02, EM02, HLD+03, KM02, MED+08, MAS+02, PCvRR00]. **Buenoa** [HGB00]. **building** [BPC06]. **Bulk** [YSM+03, LSK+03]. **buoyant** [CRC+03, OIH+03]. **burial** [KNE08, SDKZ+09]. **burrow** [MGGM06]. **burrowing** [EMPI07, MHC05]. **bush** [HGBB08]. **Bypassing** [DPC+08]. **Byrne** [BK01b]. **Bythotrephes** [MD09, FS09b, HBM06].

C
[Fou02, Gou01, Jun01, MBCD04, Mil02, VW08, WIK08, AHM+08, ALRM08, ASS03, BCC+04, BSMR08, BLM+06, CEBMF05, CCKP02, CWC+07,

FKCF00, GRB09, GP06a, GSH04, GHN+02, HFR08, IR06, KTG+06, KCP+04, LBM+04, MH07, MBLP01, MdG08, MBB+00, RRSC01, RB01a, RHM04, SRL+09, SL02, SKC+01, SSL05, TMYH02, TB05, VW08, VMS+04, VR01, VvOBM06, VPA02, VMS09, WGKE04, YPBL07, dGMH+08]. **C-DIC** [BCC+04]. **C-enriched** [BLM+06, dGMH+08]. **C-labeling** [MBB+00, VvOBM06]. **C.** [WLP+07]. **C5** [Has06]. **Ca** [TBHS01]. **caddisfly** [SrL05]. **cadmium** [CLS05, CCC+03, CS05, Cul06, DA05, FQC+07, LJCM08, MHC05, NRB08, OHT06, SDC00, TvG02, TLM04, XTSM07]. **caerulea** [dGMH+08]. **Calanoid** [BS01, KSEÖ+02, BHL07, LUHS04, SC07, SSH+07, ZRL06]. **Calanoides** [IOG+04]. **Calanopia** [CF05]. **Calanus** [BKAE01, EAO+02, Has06, IHH+00, IHHH00, KBD+00, ODR+08, PFL07, SvKM01, TKK02]. **calceolata** [DBGR09]. **Calcification** [Chi00, GRVF+00, AS00b, GCM+09, LGJ02, LAHdBJ05, MTC+06, MAL08, SE06, SLDE09, TLrR07]. **calcifying** [GRV+09]. **calcite** [Gre09, MWW06, PIKB08]. **calcitrans** [TSG+01]. **calcium** [AY08, HR00a, LGN+06, TW09, TLrR07]. **Calculation** [OZM+01]. **calculations** [MY05]. **Caledonia** [DJT06]. **Calibration** [JFH+05]. **California** [MBR08, AD05b, AO09, BNM+09, BBG05a, BW99, BRS01, BJBA03, CJ08, CSM+08, CLG08, CHB08, CBH08, DORS08, FL08, HP06, KMC+00, MCJF09, MCPP06b, ME07, PHMR+07, RA09, RCE+02, SMA+06, SMC03, TAB+00, dSYL+08]. **Callinectes** [HFC+04, JWRW07]. **calyciflorus** [MA00, VZM07]. **Calyptogena** [SO07]. **Cambridge** [Bri01, Fou02]. **camouflage** [JS03b]. **campechanus** [BW01]. **Can** [MIDH05, Has04, KVdB+04, LAJ+04, RES+08, TSG+01, WM07]. **Canada** [BBP+06, LCS02, PDS07, RKH03]. **Canadian** [WCB+06, BSS+01, HBM06, KCE+00, QLD+02, TXH05]. **canopies** [GDK03, Zim03]. **canopy** [Ano08a, ERH06, LSF+08, MPB+08]. **canyon** [GCG+02]. **canyon-shaped** [GCG+02]. **capability** [HD09]. **capacity** [BPLH04, JP03, KCP08, LSK07, Sch00]. **Cape** [CBA01, GCP+02, HU07]. **capillary** [BK01b]. **capture** [Ben00, PNPA04, RL00, SLD00, VD08, WSNM00]. **carbohydrate** [SR07]. **carbohydrates** [HY01, SHA08]. **Carbon** [CGCPA08, CYN05, EM02, GDM02, GRdL+08, HPBD01, KMC+00, KDRR09, LZ09, MDL00, MBR08, MSZ00, RRBS03, RRS06, Sch01, SBZ+09, SKC+01, TMYH02, TTG+09, VMS+04, WC04, All00, ASGA+07, ÁSGMP01, ÁS07, AP00b, AG03b, Ano04, ARK+00, ASS03, AGKK08, BMF+06, BMT+04, BGV02, BNC04, BLJ09, BMD+04, BKM05, Bou04, BTS+06, BBP+06, CWWS00, CGD08, CL04, CGH+04, CLPB02, Ceb02, CCH02, CCKP02, CWG+07, CRF01, CS05, DBS+04, DB07, DH01, ET08, EPS00, EGPA02, EB01, FQH+01, Fin04, FLWP09, FSSP02, FSBB05, FXL04, GR01, GM04b, GSW03, GD00b, GMMW03, GGDC04, GKJ04, GP01, GSH04, GSL+07, HPE01, HZG07, HD03a, HBCK03, HW07a, HW08, HPAM01, HDVB01, HLD+03, HA08, HM06a, HST+02, HB06, HKD01, Jan03, JCW08, JMBJ01, KB08a, KB08b, KNE08, KJMJ03, KJJ07, KAJ08]. **carbon**

[KF01, KB07, KFR+01, KWS06, KNN06, KFW09, KHK+03, KGP+02, KA06, KCP+04, KSWC+03, LTM01, LSPC02, LMSE05, Law08, Lee01, LTGG03, LBB+04, LBM+04, LFFC06, Lon00, MMDW09, MPJ08, MH04a, MCF+04, MTC+06, MHK+07, MED+08, MdG08, ML02, MHB03, MBB+00, Møl07, MF01, MF02, MWE+03, MWE+04, MC04, MLPS09, MC01, MB05, NH06a, NA03, NA06, NHN+05, OH00, OB04, OV03, OCNH00, PC02, PCC+07, PWX04, PKKB05, PLW+08, PHF03, PG00, RBC00, RA06, RFM07, RFW08, RCVK09, RZR02, SPW+05, STP+07, SDKZ+09, SWN08, SlBWC+00, SAE+08, SC08, SL00, SH04, TPM01, TG09, TIH+01, TWS03, TPSF01, TB05, TTSC04, TVL+00, Too01, Tor00, TRM00, TM02, TMC06, TPG+08, TSMB05, TDC+09, TB09, THJ+09, TR03, Tun00, VSSTS00, VMH+01, VDK04, VVSM09, VRS09]. **carbon** [VM06, VMS09, WGLT05, WG01, WKH+06, WBD02, WK09, WS04, WWMB05, WLS00, WCL+07, XLF+03, XBD+09, YSM+03, ZXN+08, dGvD07, dGMH+08, dGP08, vOMSM06a, vOMSM06b, vODL+09, vWSBT08, vWBT09, BMH+08]. **carbon-based** [Too01]. **Carbon-nitrogen** [VMS+04]. **carbonate** [BZ02, BZH08, CFMH01, DFBA07, FF04, HA01, JNKdV09, LMZB08, MTC+06, SE06, SLRM03, SMH+02, TMK+07]. **carbonic** [EPS00, MT06]. **carbonyl** [CCF04]. **carboxylic** [PBGV04]. **carcasses** [LJ09]. **Cariaco** [HTAS06, HST+02, LSC+08, TIH+01, TVL+00]. **Caribbean** [BFCLÁ08, GB09, LLvW+03, MG08, MLG+03, PVD+07, RRHPT+06, ZJ03]. **Caridina** [Har01, PH07]. **carinatus** [IOG+04]. **carnivore** [MCB08]. **Carolina** [Mil02, VWPP+06, DAL02, GHS05]. **carotenoid** [ETCP03]. **carotenoids** [MGW+05]. **carrying** [Sch00]. **Carwash** [vHRB+09]. **cascade** [RH03, SK05]. **cascades** [ZHSJ09]. **Cascading** [MVA+09, FLT02a, SVPK+09]. **Casco** [GGDC04]. **case** [CCAÆ06, COK+08, GSB+09, HTWG08, LBSY02, MK00, NSH+09, PPL+02, RVP+09, SCB03, SHS03a, WSL+02]. **cases** [SrL05]. **Castro** [Caf01]. **Catalina** [CHB08, CBH08]. **catastrophic** [CGWK+09]. **catchment** [BLG+07, FL06, HAL+09, SM05a]. **Caulerpa** [CM03]. **Caullerya** [BRE02]. **cause** [Cul06, LAJ+04]. **caused** [BBL+03, FDP+08, TMK+07]. **Causes** [Car02, CC04, HK06, SSvNH01, VC05]. **causing** [LCS02, MCL06]. **cave** [SMP05, vHRB+09]. **Caveats** [AWH07, HR07, HW07b, OSDB07]. **cavernosa** [LMPY00]. **cavities** [dGvD07]. **Cayuga** [Kra05]. **CCFZ** [KCCE06]. **Cd** [CHT02, SH00]. **CDOM** [CLG08, SM01]. **Cell** [AS02, DWA+02, AD00a, BGC04a, BCV+08, BFBHF04, BBG+05b, CLC02, DCMS03, DK06, FZL+05, GvRE+02, GHN+02, GDL+00, Hol00, KB06, LBC+04, LA06, MC00, MCR+07, MH07, MAL08, TS00, WS06, vDBL05, GGP01]. **cell-level** [BGC04a]. **Cell-specific** [DWA+02, TS00]. **celled** [Hol00]. **cells** [DK06, GFPG09, HSN+03, KLC06, LB00, MG04, OHUB00, SDH02, TBF04, YPBL07]. **cellular** [BFCS+01, GGP01, JS08, JTL01, PSJ00, SH04]. **cenotes** [SPR02]. **center** [RMS+08]. **Centimeter** [OD08]. **Centimeter-scale** [OD08]. **Central** [WJMD07, HLK+07, HPT+09, LBEP06, NDT07, PLG+02, PHMR+07, RHCS08, SAH+05, SAHS06, WSNH06, PPL+02, VMKN03].

centrarchids [PDH06]. **centric** [RA00]. **Centropages** [Goe08, Møl07]. **century** [AS06, AC08, OKO+01, Wan02]. **Cerastoderma** [RHM04]. **Ceratium** [HHB05]. **Cercopagis** [BJW+02, CHW+01, GL07]. **cesium** [AGL03]. **cesium-137** [AGL03]. **cf.** [TS01]. **CFF** [GDL+00]. **CFF-SPLITT** [GDL+00]. **CH** [CDBC00, LFFC06]. **Chaetoceros** [KTMM00, LG04, TSG+01]. **Chaetopterus** [TS01]. **chain** [LBEP06, OHT06, SO07]. **chains** [NSM09]. **chalk** [TSA09]. **chamber** [JFH+05]. **Change** [BD07, AOZ+09, BST+05a, BF08b, Boy01, CWJ09, ES00, EJL+06, GCJ+06, Ham05, JCC02, JCK+08, LA09, MLRMR09, Sch09, SA09, SMH+06, TRF+06, VH09, WA09, WGD+02, WSVS09]. **Changes** [AH02, CV05, Dav00, GRdL+08, GP06a, GRG02, HM06a, JJT07, JCBA08, MPACG01, MKG04, VM06, WR00, ZJ03, AS06, ASI+02, BVN+02, BdG02, EPP+08, ESA06, FRO01, FCJ+06, GA00, GN00, GJS01, HVH00, HLD+03, Hol00, HP06, INU04, KM02, Kim05, KDRR09, LES+05, MH07, ME06, MED+08, MSHE09, MPD+06, MCB08, MSZ00, NH06b, PvAB+03, RHM04, RMG+04, RL07, SSH+07, SSS08, TS06, UGY+00, VGP+08, VKV07, WKW09, YYB+05, vdPVB07]. **changing** [FMG+08, Lon00]. **channel** [CH05a, ED05, MSLH02, RC05a, IHH+00, IHHH00, LMBP07, MSSW+07, RV04]. **Chao** [DBWS06]. **Chaoborus** [OHT06, CHT02, DST08, LLS08]. **characteristic** [BRT+03]. **Characteristics** [PN06, GHS05, Has06, MYM+05, PWN07, RSC04, SJH03]. **Characterization** [CCCC07, CCC09, HSB+06, NHS07, ST04, LBC06, LBD+09, MBW+01, RSS+03, SHSH+07, SHL+05, YT03]. **Characterizations** [PED+09]. **characterized** [LASR09]. **Charette** [MWE+04]. **Charlotte** [TRF+06]. **Chasing** [KW04]. **Chasmagnathus** [EMPI07]. **Chatham** [NDP+07]. **CHBr** [MB01]. **Chemical** [CT06, HLCG07, Hes00, KKS+01, KSP07, MYM+05, PSH+07, RAKE05, SWH+03, SWS+03, AFB01, BNM+09, GST+01, HHB+09, KTM01, KNH00, KHK+03, LBT06, MMW06, MCJ+06, MJ03, MCL06, MJW03, NA05, OBB+04, PBM+07, PWN07, RBJ+06, SD00, SHL+05, SS03, WW01, WRD01, WH07, CR10]. **Chemically** [THR00, TNO+08]. **Chemistry** [DJH05, BH02, IKT03, KSM+05, MW02, SE06, Wey04]. **chemoautotrophic** [HPE01, RSS+03, VTO+05]. **Chemoautotrophy** [TIH+01]. **chemolithoautotrophic** [GZY+08]. **Chemosensory** [WW01, KJ01]. **chemostat** [CG08]. **chemosynthesis** [LM02]. **chemosynthesis-based** [LM02]. **chemosynthetic** [CMCB+09]. **chemotaxonomic** [BCM01]. **chemotype** [WŠN+07]. **chemotypes** [RES+08]. **Chena** [CGD08]. **Chesapeake** [CB04, DJH05, FHBW06, GN00, JRS03, KCWC06, KRZ06, KN07, LBC06, NSBA01, PD05, RZMB05, SHA08, TS01, TNO+08, ZC02]. **Chidami** [SH10]. **Chihuahuan** [GBL+04]. **childressi** [BFS+04, DBS+04]. **Chile** [PPL+02, TDJ+06, WBB09]. **China** [lLCChTO08, CLL+09, HWYL07, HWL+00]. **chironomid** [GKJ04, RP06]. **Chironomids** [BPLH04]. **Chironomus** [MPH08]. **Chlorella** [JS08]. **chloride** [CR10, RAKE05]. **chlorophyll**

[BVWB07, BP03, BGC+05, DCC+01, FB03, GRG02, HB03, HMR+07, HB08, JP03, KHH+03, Kut04, LTGG03, LKAB04, MMLH06, MPAS00, MGRE+07, Mor03, OHUB00, PSEL08, PW03, QYEA06, SHGM06, SH04, SŻKL08, TCB+00, VM05, YSO02]. **chlorophyll-a** [GRG02, HB03, LTGG03, MPAS00, Mor03, OHUB00, QYEA06, SHGM06, SŻKL08, TCB+00]. **Chlorophyta** [CM03, MB01]. **chloroplasts** [MZL04]. **cholesterol** [Has04]. **Choptank** [FHBW06]. **chromatic** [HHM+09]. **chromophoric** [CLG08, DD09b, DdG09a, FW07, HSR+08, LBD+09, ORFD+09, OZM+01, OOB09, SM01, WdMD+00, YT09]. **chronic** [Cul06]. **chronologies** [DT00]. **Chrysophyceae** [PCDB09]. **chytrid** [Hol00]. **cichlids** [KK00]. **Ciències** [Wan02]. **Ciliary** [RL01b]. **ciliate** [MBC+05, WSL+02]. **ciliates** [DJT06, HMS+04, JJP04, LN02, MZL04, MBCB08, MA00, SSAZ01, WS06, WNAW09, ZHSJ09]. **Circadian** [JS04]. **circuiting** [LAN08]. **circular** [dlFSIN08]. **Circulation** [RSC04, GP03, HLM08, LIHS03, PL09, TvG02]. **circulations** [MHLN01]. **circumneutral** [ESSS01]. **Cladocera** [GL07]. **cladoceran** [HRA07, LED06, VKvD05]. **cladocerans** [BS01, GD00a, MBK+09]. **Cladophora** [MGH08]. **clam** [HM02, TBHS01]. **Clams** [CTCT03, TG09]. **Clarion** [KCCE06]. **clarity** [BDNF01]. **class** [VWPP+06]. **class-level** [VWPP+06]. **classes** [HPL+06]. **classical** [VMC+07]. **classification** [LRS+03]. **clavipes** [VAS02]. **clay** [Ham02]. **clay-sized** [Ham02]. **Clayoquot** [NK05]. **clear** [DPFL09, JJS+03, KCE+00, KJMJ03, KAJ08, PCC+07, SJ00, WDL07]. **clear-water** [DPFL09, KJMJ03, KAJ08, PCC+07, WDL07]. **Clearance** [BB04a]. **clearest** [MGC+07]. **cleavage** [EKD+07]. **Climate** [AWE07, CPGC09, DPFL09, GA00, KBL08, MFK+09, PvAB+03, SBR+06, VRS09, AOZ+09, AE08, AH03, BST+05a, BF08b, Boy01, CWJ09, DS07a, ES00, EJL+06, FS09a, FKCF00, FAM+06, GDB+09, GN00, GHJ+05, Had08, Ham05, HAL+09, HP06, HAG08, KN07, LSK07, LFA+09, Leh00b, LH08, LP07, LA09, LTHW04, MNA+09, MD09, MIN+05, MCB08, MMKN08, MVA+09, OS01b, PLMPN08, PD05, QLD+02, RCVK09, Sch09, SSH+07, SA09, TDC+09, VH09, WA09, WGD+02, WSVS09, WM06, WSEL09]. **climate-change** [LA09]. **Climate-driven** [GA00]. **Climate-induced** [KBL08, GN00]. **climate-linked** [MD09]. **Climate-related** [AWE07, MFK+09, PvAB+03, AE08, Had08]. **Climatic** [FKS+01, HVH00, JSJ03, LCS+03, PBMSG04, SSvNH01, SSvNH03, SLC+09, ABDS04, BDK+06b, FCJ+06, IKT03, LLK05, LW02, PVP+06, Sal05, SFB+09]. **Climatological** [YSO02]. **Clipperton** [KCCE06]. **Clipperton-Clarion** [KCCE06]. **clockwork** [WSEL09]. **clonal** [SBS07]. **clones** [WH07]. **Close** [CLL+09]. **closure** [GDCG08]. **clouds** [ARO+04]. **Clues** [WCB+06]. **Cnidaria** [WCGBG07]. **cnidarian** [GF02]. **CO** [BSM01, BHL07, MML+08a, SXLM06, BSM01, Bat02, BDS+04, BMH+08, BS03, BARS01, CPGC09, CTCT03, CPL+04, CR06, CRF01, DJB+07, EZA+05, FH03, GR01, GAPR06, GZY+08, HFZ+07, KLS+06, KLS+07, KHQ01, LGJ02, LFFC06, MBG+05, MdG08, RBC00, SNPK+09, SH05b, TT05, WC04, WKH+06]. **co-limitation**

[MML+08a, SXLM06]. **co-occurring** [BHL07]. **Coalescence** [HSS06]. **Coast** [LJ09, Agr05, BMD+04, BFCLÁ08, KNC+09, KF01, PDS07, PSEL08, PHMR+07, SMC08, TvG02, THH02, TWC+09, WSC+05, WSC+06, YSO02]. **Coastal** [CCAÆ06, Dow02, KLG09, WLS00, AOR07, ÁSGMP01, ARO+04, AHF+05, AH02, AWH07, BMFS+03, BEM+02, BGE04, BMU04, BRP+06, BLS+06, BRS01, BS03, BM03, Caf01, CG09, CT05, CC04, CLF+08, CLG08, CWC+06, CTY06, DD09b, DLZ+09, DCMS03, DC05, DRM+09, DR06, Elm02, EM02, Fis00, GLP+08, GM04b, GJB+04, HR07, HFE07, HM06b, KKKT07, KM02, KCV06, KTMM00, KLAF04, LFS+04, LCS02, LN02, LSK+03, LRS+03, LLDS06, MAC+06, MH04a, MCF+04, MMLH06, MG04, MCL06, MW06b, NCÁSP06, OS05, OH00, OSDB07, OAA+06, OLCT08, OOB09, PLK+05, Par01, PD02, PTLJ01, PQP05, PWN07, PCvRR00, RCL+02, Reu02, RlBW02, RV04, RTT+02, SBC+08, SLE04, SP09, SK01, Smi06, SON+03, SMO07, SH04, SH05b, TCL+09, TVSS01, TRM00, TAB+00, TCCG05, UMASG07, VGP+08, VMC+07, VCKS08, WNL+08]. **coastal** [WMWV04, WDX01, WG04, WHC+06, WW07, YJMT08, ZHFD06, Zha00, ZB01, ZWC+04, Dow02]. **Cobalt** [SMCW02, AGL03, SRM05, SG08, TS08, TSG+01, XTSM07]. **cobalt-60** [AGL03]. **Coccolith** [LGN+06, FHB+09]. **Coccolithophore** [RLP+06, MAL08, XTSM07]. **coccolithophorid** [BPF+08, EZA+05, RZR02]. **coccoliths** [GD01b]. **Cochlodinium** [PLK+05]. **cod** [KBD+00, CBA01]. **coefficient** [BS04, CLC02, HMKZ02]. **coefficients** [MKM06, SSMM00]. **coexistent** [CC02]. **coherence** [LP07]. **coherent** [DJG+06, LD01]. **cohesion** [HWA03]. **cohesive** [DRSL07]. **cohort** [AHF+05]. **coin** [MBG+05]. **Cold** [WRG+05, BFS+04, DDL+09, FLT02a, HGBB08, HLGI08, KRM09, RC07, ST03, TBHS01, vODL+09]. **cold-water** [DDL+09, HGBB08, KRM09, ST03, vODL+09]. **coli** [GKS+02]. **colimitation** [BSR+07, BTdB03, NGS+07, SGR08, SG08]. **collected** [AGL03, BDvO+03, GHN+02, SSL05, TBF04]. **collector** [PNPA04]. **colloid** [CW01]. **colloid-bound** [CW01]. **colloidal** [BM00, CG09, CW01, CGL03, CG03, FW07, GSW03, NP01, SW05b, WG01]. **colloids** [GST+01, GDL+00, HA01]. **Colne** [DNS06]. **colonies** [ACW+03, BLHC08, LMPY00, NT08, OGR08, SJRB09, SWCL01, WLRB03]. **Colonization** [DVV+07, Kiø00, BMT+04, CSSNA02, MKG04]. **Colony** [LV01, CPHM04, CEA+09, Fab06, PSJ00, VMS09]. **colony-forming** [PSJ00]. **color** [BST+08, DZL+03, DKRZ06, LES+05, MF03, PC02, TPFS09, WSC+08, WBR03b]. **Colorado** [BMC07, EPP+08]. **coloration** [JS03b, VK06]. **Colored** [BGV02, ACZ00, DGCMK00, DKRZ06, SJ00, TNO+08, ZSS+08]. **Columbia** [BBP+06, LCS02, NK05, Tun00]. **column** [Agr05, Aki00, BEM+02, EDF+03, HST+02, JDS08, LCLP02, MS05, SKR01, TMA03]. **columns** [KL01]. **combinations** [GCG05]. **Combined** [AMS+08, BBG+05b, MBK+09, GL07, HHB+09, LBC06, MBC06, TMA+01]. **come** [WGN+08]. **Comment** [Sch06a, AP00a, Ben00, BK01b, CP03, CR08,

HMKZ02, MCLM02, MWE+04, RL00, SH10, SRG00, SR04]. **comments** [JSJ03]. **common** [GH00, HMKZ02]. **communities** [AS02, AH01b, BST+05a, BSJ02, BGC+05, BdG02, Ceb02, CLC02, CSK+07, CH05b, DTFL03, DdG09b, FAC05, FHDKR03, FF04, FSSH03, GHM+09, GVT06, GV09, GHJ+05, HDSC09, JCK+08, KDS03, LSK+03, LA06, LED06, LCLP02, LSF+08, LZ09, MAC+03, MGL02, NDCP06, NGS+07, OBB+04, QLD+02, RV04, RJS+03, SKJ+07, SlBWC+00, SLRM03, SCV04, SSS08, SMH+02, TS08, TRM00, WDVA08, WŠN+07, WNAW09, WA01, WM06, WKW09, WCL+07, dGB02]. **Community** [AS00b, AR06, BMT+04, BSJM06, DVV+07, ERH06, BKM05, BBLB05b, BBLB05a, BLM+06, CJ08, CGH+04, Car01, CWJ09, CSK+07, DGM+05, DGD04, ES00, FAM04, FGM+03, FWM+05, FTC+06, FTY+06, GLP+08, GCG+02, Goe02b, GAM+01, GSJ+09, Har02, HRGM07, HBM06, JDS08, KCWC06, KR08, LJ01, LLT05, LFS+04, Lee01, Leh00b, LFAB06, LBSY02, MLC+07, MKG04, MBR08, MY05, NSM09, NEE08, NHTF01, NML+05, PS06, PCvRR00, RORR+09, SEC08, SABA02, SK01, SWML08, SG02, SSAH05, SL01, SMG06, TCC06, TCD+03, UHB+08, UVY+01, VDK04, WBD02, WBB09, WWS+00, vdSvdSG+00, vODL+09]. **Comparative** [ACD10, ACW02, SH10, Cal01, JCW08, LRS+03, OAA+06, WLRT06, ZRL06]. **compared** [ET08]. **Comparing** [DJT06, SBB00, WW02]. **Comparison** [AP00b, Ano04, ASAC04, FSBB05, KSWC+03, MMLH06, BMU04, EPS00, FMG01, HMT+00, HCD+09, JS03a, LN02, PGM+09, THA01, WRD01, ZMK+08]. **Comparisons** [EVW07, WBB09, XLF+03]. **compatible** [Har01]. **competent** [PPL+02]. **competing** [QYEA06]. **Competition** [ARV+07, OB04, OHT06, CPCS01, CPCLS04, HTS+03, JM02, LKB04, LTT07, MTV+02, vNHM+09]. **competitive** [HZ00, TRT04]. **competitors** [PMK08]. **Complementary** [HBG+09, SAP+06]. **complete** [GHTJ00, RSS+00]. **Complex** [LW02, SWH+05, SSH+07, SJH03, BvE07, CWWS00, Fly03, GBL+04, HLGI08, HKNG08, KTM01, KS04b, KTMM00, LN04, MHK+07, MSVAC04, Nor04, RS02, SBS07, SS06, DDL+09]. **complexation** [BMC07, QSH+02, TWS01]. **complexed** [CMQ+00]. **complexes** [SRNW06]. **complexing** [CMB00, SWS+06]. **complexity** [Gay00, MWH01]. **component** [OH00, PED+09, WNP04]. **components** [CSK+00, ZHSJ09]. **Composition** [GWL+07, KIB01, RV04, AFB01, BBKC03, BMNB+06, CJ08, CV05, CMSVA02, CC04, Car01, CPH06, CCH02, CSK+07, CRF01, DSD02, DGM+05, DKt08, EB01, FHBK06, GCG+02, GR01, GCS06, HY01, HM03a, HRGM07, HSN+03, HSCF06, HWYL07, HPHT00, JDS08, KB06, KF01, KR08, LLT05, LBB+04, LG04, LB04b, LRMV04, LMBP07, MH00, MH07, MPACG01, MCPP06b, MG04, ME07, NSM09, NML+05, PKKB05, PTK+07, PWS09, PS06, PF01b, Pri05, RORR+09, RKNA09, SCDR07, SL01, TSSWK+06, TGFPT08, TTG+09, VWPP+06, VC05, VMS09, WR00, WKFP06, WŠN+07, WR03]. **Compositional** [BdG02, MM03, GCJ+06]. **compositions** [CYN05, LRYS06]. **Compound** [EPP+08, ZWC+04]. **Compound-specific**

[EPP+08, ZWC+04]. **compounds** [ART+06, BSS+01, EPP+08, HMJ04, HBG+09, LPD+04, MGW+05, TMA03, VCKS08, ZHFD06]. **Comprehensive** [BDK+06b]. **compressibility** [GBH+02]. **concealed** [LWU+05]. **concentration** [AY08, BMFS+03, EZA+05, GAPR06, KLS+06, KLS+07, MB05, NKS+02, PKKB05, QYEA06, RPR+02, RHJ04, SGPK07, SL01, SLS+02, TLS01, TMA+01, WSL+02]. **concentrations** [All00, AY08, BDK+08, BARS01, CMQ+00, CPH06, CBD+06, CMCB+09, ESA06, GR01, GMRVFP02, HW07a, JK08, JJT07, KD02, LGN+06, LH05, MPH08, NKJM06, PWH+04, SHA08, TG09, TCB+00, TLrR07, TKAW03, VMKN03, VM05, WK09]. **concept** [SGR08]. **concepts** [HMKZ02]. **conceptual** [LNB04]. **Conch** [SSV+04, SWML08]. **Concholepas** [PPL+02]. **condition** [DBS+04, MACB07, RRSC01]. **Conditional** [PP00]. **conditions** [AS06, BFC07, BSS09, CRBF+06, GKS+02, HP06, JVL00, LLF+09, LCC+09, MB00, Rit09, RQB+00, Sar07, SGPK07, WJA+07, WTM09, WWS+00, dlM09]. **Confirmation** [SO07]. **conflicting** [SrL05]. **confounding** [SA09]. **congeneric** [GRDCS09, LMPY00]. **conifer** [GVT06]. **connected** [RC05b, VVD+09]. **Connecticut** [HMB06, RB01b]. **Connecting** [WCM09]. **connection** [GSG+05]. **connectivity** [JGE+09, MS06, Reu02, SGPM09]. **Conochilus** [Ham05]. **Consequences** [Dow02, HNB+07, HLNM+03, JLB+06, MM05, BVG+07, Car02, CK00, FZL+05, JWRW07, LSK07, RRCP03]. **conservation** [GBL+04, Bri01]. **conservative** [UGSMN01]. **considerations** [SCARM00]. **conspicuousness** [TKK02]. **Constance** [AIK04]. **constancy** [TKAW03]. **constant** [HMS+04, SCARM00]. **constants** [TRT03, TvdWdB04]. **constituents** [BJG+00]. **constrain** [LBG+09, RC07]. **Constraints** [BLS+06, LBM+04, Aks07, Ben00, BKM05, FMD03, Law08, MB01, MCvEH08, RB06, VVSM09]. **Consumer** [ABJ+06, BS01, WLS00]. **consumers** [AFH07, BH02, CVH+05, KB05a, KKH04, MVFD04, NH06a]. **consumption** [ACZ00, Ceb02, Duf09, GSB+09, HPAM01, HBN+00, PDR+09, SS01, SS04, dVKT+09]. **containing** [CWPL05, PP07, dGMH+08]. **contaminants** [FCJ+06]. **contaminated** [BMU04]. **contamination** [LVSW07]. **contemporary** [CCKC05, JGE+09]. **content** [AS00a, CG08, DPC+08, GHN+02, JP03, JTL01, MF01, MF02, RB08, RB06, SAP+06, SKC+01]. **contiguous** [FS09a]. **continental** [GSO03, GvRE+02, HCC+02, LSPC02, PGP01, TN09, UWA+07, YSO02, vODL+09]. **continuity** [Shi04]. **Continuous** [CFO+00, GD00b, LB04a, MB05]. **continuum** [VWPP+06]. **Contrasting** [CJWR05, KSM+05, LRF07, NSM09, SFR+08, BHMS06, CJ08, DLZ+09, GDCG08, OH00, OAA+06, OCNH00, Reu02, TLM04, KGYU06]. **Contrasts** [Arn00]. **contribute** [VNH+08, WDL07]. **contributes** [BRW07]. **contributing** [MJEM06, MJ03]. **Contribution** [ÁS07, BVK02, CD03, FVD01, FLT02a, KLC06, MF03, ADA00a, ADA00b, All00, BK01a, CDBC00, GVT+09, Ham01, HABF03, KB08a, KB08b, KTG+06, LV01, MBR08, RH06, SSH+09, WHHS06, ZB03b]. **Contributions** [GSO03, TSMB05, MPdVG07, TB09, VVSM09]. **Control**

[BJD05, GFPG09, KJMJ03, KA06, ADA00a, ADA00b, ANSS04, Alt01, BA01, BZS07, BMC07, BB09, CCS06, Ceb02, DPFL09, DHTH05, ET08, FS00, FAM+06, Goe02b, HMS+07, HBAK09, HZ00, HVH00, HSB+04, HFZ+07, JTAM09, LvdB09, LCS+03, LFAB06, LMMW03, LWS01, MSAC06, MW06a, MSVAC04, MNM+09, Mul01, RCAK05, RB03, SC00, SVB+08, SMO07, TKBJ05, TMA03, WCL+07, YYG02]. **controlled** [KLS+06, KLS+07, LAHdBJ05, MGMW06, SCH07, SDKZ+09]. **controlling** [BTS+06, EF05, GCG+02, GCS06, LFS+02, LVC+00, TB05, Thi00, vDBL05]. **Controls** [BCC+04, DAV04, HTRM+07, MLPS09, AGP07, BLWB08, BMD+04, Bou04, CKA03, DD09b, DS07a, DACG01, ERH06, Fin04, FCJ+06, FUG02, HT03, LW02, LLDS06, MMO06, ME07, SR02, SR04, SCDR07, WvE04]. **convection** [SLHK02]. **convective** [LAG+03, LPW05, MVC+05, OS01a]. **Convectively** [FLPL08]. **Convergences** [SMS07]. **conversion** [Shi04]. **conveyer** [JCBA08]. **conveyor** [PDS07]. **Conwy** [DNS06]. **Cooling** [TYK+08, PFH+03, WS01]. **Cooper** [HBTM05]. **coordinates** [RWFK00]. **Copepod** [DKt08, HP06, AD07, AAD08, BF08a, BB04b, CF05, Has04, HKF01, HW09, Kiø07, LH06, MB00, MGW+05, PIKB08, ROP+02, SSH+07, SMDG04, TVT04, WSEL09, WGC00, XW02]. **copepodites** [Has06]. **copepods** [AP00b, BSSL05, BHL07, BS01, CK08, Goe08, HB03, KB05b, KSEÖ+02, KKT05, LUHS04, Møl07, PD05, SCB03, SC07, SSH+09, SAS+03, SvKM01, SSS06, SF03a, WWWY05, ZRL06]. **coping** [MPGB08]. **Copper** [MAC+06, MAMC02, PQP05, QRF06, AKH04, BMC07, CZRD+04, CB04, Cro03, DGD04, DNB+04, DA05, GW03, PFN+05, RRD04, SWS+06, TWS01, TSKA05, TMB07, WTC+05]. **copper-binding** [DNB+04]. **copper-complexing** [SWS+06]. **Copper-dependent** [MAC+06]. **copper-limited** [GW03]. **Coral** [HGFS+05, dGvD07, AS00b, ACHG07, AP00c, BSM01, Bat02, BPC06, BF08b, BTKGA07, CEA+09, CCC+01, DDL+09, DOE+06, EMIP05, EGP08, Fab06, FDP+08, FAL01, FAC05, FMWC00, FSSV08, FB05, GRVF+00, GMR+09, GEP08, GFPG09, GCM+09, GMRVFP02, GMAFP03, HMSI06, HLM08, HG03a, HG03b, JM02, JLP+08, JP03, LBW+08, LGJ02, LSM03, LRYS06, LLF+09, LSF+08, MSL+03, MKM06, OFKH01, PC04, PSH+07, PSS+06, PVD+07, QYEA06, RMK+06, RKK09, RCAK05, Ris02, RG07, RRHPT+06, SE06, Shi04, SLKP05, SMH+02, SSL05, TMK+07, TGFPT08, TTG+09, TGF00, UMY+02, VNH+08, WLRT06, WAB+08, WLRB03, YYG02, YYB+05, ZJ03, ZSS+08, dGMH+08, vODL+09]. **coral-algal** [LBW+08]. **coral-reef** [FSSV08, HG03a, HG03b]. **coralline** [Chi00]. **Corallistes** [EKdF07]. **corals** [ACW02, Fab06, FAL+07, FMWC00, FBW+08, GHWG04, GKLF01, GF02, JKLR08, LLvW+03, LMPY00, MF03, MLG+03, OFKH01, RKM+06, SLDE09, WLRT06]. **cordgrass** [New01]. **Core** [HBH+07, BK01c, SA09, TB00]. **cores** [Boy01, SDJT03, TN09]. **correction** [STST07]. **correlates** [VMS09]. **correlation** [BRW07, BMWW08, CW02]. **correspondence** [ES00]. **cosmogenic**

[BNK02]. **cosmopolitan** [CCGH05]. **cost** [GBA00]. **Costa** [SRM05]. **costatum** [AMP+00, BB04b, SNM+08]. **costs** [AD07, SFR+08]. **cotolerance** [NRB08]. **Could** [Cul06, HSF+08, RFW08]. **Coulometric** [Too01]. **Coulter** [Gou01]. **counteracting** [ROP+02]. **Coupled** [GSNH04, GDL+00, MH07, Nil03, SAPA+02, AJ01, BNM+09, CCKP02, HD03a, JNKdV09, RB02]. **Coupling** [CV05, GVT06, SRZ04, ALH01, AGP07, CVH+05, CL02, CLL+09, DAV+05, GM04a, HDSC09, HBF+06, LLT05, MCV+05, NFFK00, NCPd08, NHTF01, SR07, SKBC01, TS01, VMH+01, VMS+04]. **cover** [BSG+08, LA09, MSL+03, MVA+09]. **covered** [PCD+08, VGP+08, WSNH06]. **covers** [FS09a]. **crab** [EMPI07, HFC+04, HH05, PDS07]. **crabs** [JWRW07, KA06, REL06]. **Crassostrea** [KN07, TG09]. **crater** [SKTD04, UVY+01]. **Crayfish** [SFC+00, KTM01]. **CRC** [Bel01, Elm02, Kne02, Ris02]. **Creek** [AD05b, HBTM05]. **creeks** [BdBS+08, GHS05]. **Crepidula** [MTC+06]. **crepuscular** [YYB+05]. **Cretan** [BLM+06, SH05a]. **criteria** [OIH+03, SCS+08]. **critical** [LG04, VHL+04]. **Critique** [EWE02]. **Crocosphaera** [FMG+08]. **crops** [PCA+00]. **Cross** [GCJ+06, HCD+09, GZL02, GDL+00, LN02]. **Cross-basin** [HCD+09]. **cross-flow** [GDL+00]. **cross-latitude** [LN02]. **cross-shelf** [GZL02]. **Cross-system** [GCJ+06]. **Crossed** [GRDCS09]. **crowding** [Gil03, SS06]. **CRS** [SCARM00]. **Crustacea** [DD09a, Har01]. **crustacean** [BFS02, RYS+02, CRY+08]. **crustaceans** [WHHS06]. **crustose** [Chi00]. **Cruz** [BBG05a]. **Cryptic** [JS03b, MVD05, DST08, PH07]. **Cryptomonas** [UGY+00]. **ctenophore** [Ano08b, CSG+06, GLVFH09]. **ctenophores** [PD05]. **Cu** [ALRM08, CMB00, CBvEK03, MHRW02, MJW03]. **cucullata** [DGV01b]. **cue** [NA05, SS03]. **cues** [DHKH05, KDO09, KRM09, LBT06, WW01]. **Cultural** [FHBW06, VJV+03, CVH+05, Gou01]. **culture** [DGL+04, EKD+07, GD00b, LB04a, SBL06]. **cultured** [MC01]. **cultures** [Ano04, BS03, DA03, GW03, GSNH04, KSWC+03, MB05]. **Cumbria** [GHTJ00]. **Current** [AO09, DORS08, ÁÁS07, HP06, HHW+02, IOG+04, MBR08, NCPd08, SMA+06, SLKP05]. **currents** [CFG07, DDL+09, FNM07, GZL02, GDK03]. **curve** [BMSA08]. **curvirostris** [DPK+00]. **cuspidata** [TWC+09]. **cyanate** [KCP08]. **Cyanobacteria** [KCP08, WA09, ARV+07, BRT+03, BSC+09, BD07, BFQF+07, CPHM04, CK00, DGV01a, FSM+07, JJT07, KSEÖ+02, LB09, MAMC02, MCvEH08, MHKP02, MPRC02, NKE08, NFS+07, RSY04, SW05a, Sar07, SEL+02, TRT04, TWR04]. **Cyanobacterial** [BEW+00, Plo08, Ber01, GEJ+02, HMJ04, KNE08, Kut04, MPZ08, MGVM+06, SPG05, SKH+01, VW01, WST06, WH07]. **cyanobacterium** [BVG+07, BFBHF04, CT06, CBvEK03, FMG+08, HKNG08, IB05, MTV+02, PM08, RSWH04, RES+08, SHSH+07, STHG07, VMS09]. **cycle** [AR06, AG03b, BBAW09, BBG+05b, Cro03, HPE01, HKNG08, LB09, Lee01, Lon00,

MCV+05, MC06, MN04, MAL08, PTKP00, SGG+08, SMDG04, WMRK06]. **cycles** [HMS+07, JS04, JKS04, SLDE09, YYG02]. **cyclic** [GSB00, HD09]. **Cycling** [GSW03, MWW06, SMH+02, BGV02, BNK02, BNOK+04, BRL03, CL04, CT05, Chr05, CCF04, DD09a, Dal03, DGL+04, ESSS01, EF05, FCGC+09, GM04b, GTS+09, GFM+01, GK03, GSH04, HZG07, HST+02, JBH+04, KB07, KFW09, KIB01, LBM+04, LF09, LZ09, MPJ08, MAM07, MA08, RB01a, RA06, RTT+02, SAPA+02, SdB06, SH00, TMS+00, TWS03, TS08, TDC+09, VDK04, WKFP06, WCL+07, Wur07, XBD+09, ZXN+08, ZB00, vODL+09]. **cyclone** [FDP+08]. **cyclones** [SCM08]. **cyclopoid** [MB00]. **Cyclotella** [AGL03]. **cylindrica** [JM02]. **cylindrical** [PNPA04]. **cylindrus** [KMvD+09]. **Cymodocea** [BMT+04]. **cyst** [BZS07, KRM09]. **cytoarchitecture** [BR00]. **cytometer** [SON+03].

D [AE08, Pom01, SMS09, SG02]. **D.** [JS03a]. **D.C** [Dow02]. **Dagow** [CCC09]. **Daily** [YYG02]. **dam** [AD05b]. **damage** [ROP+02, RMS+08]. **damaging** [GWK01]. **Damariscotta** [FW07]. **dammed** [SCY00]. **damping** [SI08]. **Danish** [CCAÆ06]. **Daphnia** [AFL07, AKE04, AMW+07, AY08, BSMR08, BAPMMB01, BB03, BB05, BD07, BRE02, Boe00, BMNB+06, BvE07, BJL01, CT04, CWPL05, DGV01a, DGV01b, DLDE04, DPK+00, FXL04, GPAP+04, HCH00, HW07a, HW08, HWA03, HD09, HM03b, HR00a, JS03a, JLH01, KVdB+04, KS04b, KWTS07, KBE+04, LBT06, LW01b, LV01, Lür03, MCvEH08, MVD05, MSJMN02, PvE00, RK02, RBMN03, RB06, RCD+05, Sak00, SD05, SW05a, Sar07, SSLE02, SJR+04, SBS07, SS01, SS04, TW09, VW01, VPA02, WGKE04, WH07, WKB+04, YW02, vE02]. **daphniids** [TBG01]. **dAPS** [Tho09]. **dark** [BAG+09, CGCPA08, GZY+08, WKW09, AGDH09]. **data** [AHHH+07, BJBA03, KSS+07, RBW09, WMW+08]. **dataset** [MGRE+07]. **dating** [SCARM00]. **davisae** [Kiø07, SCB03]. **dead** [LLF+09]. **Death** [GWR+09, BFBHF04, LA06]. **deaths** [JKS04]. **debris** [SD00]. **Decadal** [GRB09, LES+05, AO09, BDK+06b]. **decades** [HM06b]. **Decapoda** [CRY+08, Har01]. **decay** [LRF07]. **decaying** [KLSW00, New01]. **Deciphering** [SA09]. **decline** [KB06]. **declines** [CGWK+09]. **Declining** [Sch00]. **decomposing** [DVV+07]. **decomposition** [BLWB08, CA08, SH10, VW08, WG01, ZGP+00]. **decoupling** [EGPA02]. **Decrease** [HYH04, NHPHH08]. **decreases** [BSMR08, GCM+09, Jan03, VMKN03]. **Decreasing** [BF08b]. **Deep** [PFH+03, VBH+05, AHHH+07, AVJ+00, AELS04, BVWB07, BBJ+06, Bou04, BLM+06, CMC+09, CMCB+09, DDL+09, DH01, Dit04, DS07b, DKKA09, EKdF07, EPD09, FLT02a, FLT02b, FH03, GSG+05, GTS+09, GSB+09, GSFB02, GSL+07, HPAH+02, Jun01, KSM06, KHH+03, LAG+03, LSPC02, NFFK00, NEE08, NDP+07, NHN+05, PSLO07, PGM+09, PW03, PMPC00, RS01, RLJdB08, SO07, SL02, SR02, SR04, SJH03, TLvAH06, TTSC04, VRC07, WBH03, WRG+05, YWR+07]. **deep-ocean** [NDP+07].

deep-sea [Bou04, CMCB+09, DS07b, EKdF07, EPD09, GSFB02, Jun01, LSPC02, NHN+05, PMPC00, SO07, SL02, SR02, SR04]. **Deep-water** [PFH+03, VBH+05, AELS04, DDL+09, DKKA09, GSG+05, HPAH+02, WRG+05]. **deepening** [MRK02]. **deepest** [BL07]. **deepwater** [DJG+06]. **defend** [KKH04]. **defense** [CF05, KSP07, SWH+03, SWS+03, WH07]. **defenses** [BH02, CT06, LBT06, SD05]. **defensive** [vDBL05]. **deficiency** [DGV01b, DP01, FGM+03, LBC+04, MH07]. **deficient** [DH01, dSFFTD07, HW08, PP04, TDJ+06]. **deficit** [ME06]. **Definition** [CHH07]. **definitions** [SGR08]. **degassing** [JCW08, WC04]. **degeneration** [BII05]. **deglaciated** [RM06]. **Degradation** [ART+06, BPOT04, BLG+07, CS06, FPPH06, GWL+07, GP01, HR00c, KKT05, MSC+04, MMCW09, MSZ00, NMK03, SM05b, SŻKL08, TVL+00]. **degrading** [GHM+09]. **degrees** [SMA+06]. **del** [Wan02]. **Delaware** [CD03, HU07, KDMC05, YNCK04]. **delayed** [FL06]. **delivery** [FQH+01, MSSW+07]. **delta** [BDSB07, CGL+04, MSJMN02]. **demand** [ASGA+07, ORH01, SKBC01, SH05b, TPM01]. **demersal** [TMYH02]. **demise** [BFBHF04]. **democratica** [LIE06]. **demographic** [SGPM09]. **demographics** [PF01a]. **Demonstration** [SLB+00, WLTF03]. **denaturing** [DMEPA04]. **Denitrification** [FCGC+09, GMRD04, MHS+09, RGRPD04, AJ01, ATJH08, BHV04, DNS06, HLK+07, JKGT08, KD02, MVW+04, Nil03, PCvRR00, SLL+04, TN09]. **denitrifying** [GW03, GSLT08]. **Denmark** [PKKB05]. **densities** [AH03, FMWC00, JJT07, SLC+09]. **Density** [DD09a, Ber03, BZ02, GBH+02, HPV+00, HL06, HG03a, HG03b, PP00, QYEA06, SS03, WCGBG07]. **Density-dependent** [DD09a, HL06, PP00, SS03]. **depend** [GM03a]. **dependence** [BFD+04, CPHM04, KJMJ03, LGN+06, PP00]. **dependent** [DD09a, DJO00, De 02, FSBB05, GBA00, HL06, HBS04, LLK05, MAC+06, PP00, RZR02, SS03, SAE+08, WGD+02]. **depends** [DK06]. **depleted** [WJA+07]. **depletion** [HSF+08, JLB+06, JPK+05, KCSM07, RM09a, TvdWdB04]. **deployment** [FDH+01]. **deposit** [CMQ+00, GM04a, KNE08, PW01, RB08, RHM04, SM02, SdB06]. **deposit-** [RHM04]. **deposit-feeder** [PW01, SM02]. **deposit-feeding** [GM04a, KNE08, RB08, SdB06]. **deposited** [JM08]. **Deposition** [NTM+05, BBJ05, BBJ+06, CH05a, DFBA07, DT00, EBS07, FT03, GDM02, HSB+06, HAL+09, LJ09, MOK+03, MED+08, MLRMR09, MTM+01, NDP+07, SEC08, TNM+01, TSSWK+06, Tun00]. **deposits** [GJB+04]. **depress** [TMP02]. **Depth** [DS07b, TS00, BD07, BK01a, Bou04, CMJ07, DET04, FBW+08, HKF01, HM03a, JDS08, KCCE06, LLS08, LW01b, MKM06, SD05, SR02, SR04, SHS03b, SLL+04]. **Depth-related** [DS07b, TS00]. **depth-selection** [LLS08]. **depths** [BDK+06a, PDB03, SBR+06]. **derived** [BLSQ07, CBA01, PS06, SBC+08, SAH+04, SMD+04, SBL06, SM01, TCP+03, THJ+09, UM05, UMY+02, VW08]. **describing**

[JPJS06, WSNM00]. **Description** [Har01]. **desensitization** [vDBL05]. **Desert** [GBL+04, KR08, KBG+08, Vin00]. **desferrioxamine** [MHB01]. **design** [LW01a]. **designed** [MPACG01]. **Desmodesmus** [VVD+09]. **detached** [GD01b]. **detailed** [NSBA01]. **detected** [GDB+09]. **Detecting** [JLH01]. **Detection** [YT03, APH+03, DWA+02, Kut04, YTVR07]. **determinant** [Bat00]. **determinants** [HAL+09, XLF+03]. **Determination** [HKD01, MMS+02, SHS03b, vE02, DHKH05, HU07, MSL+03, Mor03, TPFS09]. **determine** [MC04]. **determined** [BYF09, KJJ07, KKH06, Lan03, MWH01, RlBW01, RWFK00, SMS09, VB00, WBR+03a]. **determines** [ATJH08, KDO09, vNHM+09]. **Determining** [MHK+07, LAG+03, LCLP02, MMW00, PWN07]. **detrimental** [MSVS+07]. **detrital** [CSSNA02, KB08a, KB08b, LLB07, SPM04, TB09, WNL+08, vNHM+09]. **detrital-based** [SPM04]. **detritivores** [CJWR05, EW07]. **detritivorous** [vNHM+09]. **Detritus** [CCC+01, BA01, MSHE09, RPR+02, XW02]. **detritus-based** [RPR+02]. **detritus-bound** [XW02]. **developed** [PWH+04]. **developing** [GEJ+02, MBF+03, SCS+08, vDBL05]. **Development** [DL00, KHH+03, DS07a, HM06a, HFR08, JHGGP06, MG04, MFG+09, PDTR06, PSLO07, PN06, RNA06, SNFT07, SMDG04]. **developmental** [MSBHG01, SvKM01]. **developments** [GFM+01]. **Deviating** [TKK02]. **DGT** [FDH+01]. **DGT/DET** [FDH+01]. **diagenesis** [CDD07a, FSK+04, HYH04, HRS04, KCSM07, LNJL09, SMD+04, Shu01, TB09]. **Diagenetic** [ME07, AFB01, BGJ01a, BGJ01b, GRB09, HAES02, MGF03]. **diagnosed** [HDMB04]. **diagrams** [WKH+06]. **diameter** [DCMS03]. **diapause** [CT04, GRCS06, IOG+04]. **diapausing** [BDvO+03, GS04, JKS04, KS04b]. **Diaptomus** [VAS02]. **diapycnal** [D'A08]. **Diatom** [IKT03, PAS+05, AMP+00, BA01, BB04b, BRP+06, BRS01, BS03, DKt08, ES00, EM08, EH00, EGPA02, FHDKR03, GR01, GP01, HBH+06, Has04, Hol00, IHHH00, JGZ+08, JGSB07, KTMM00, LJCM08, LBC+04, MBF+03, MMLH06, MH07, MW06b, MF01, MF02, PFL07, PG00, PHK02, PP07, Pri05, RLM+04, RA00, RNA06, RJS+03, RBJ+06, SNM+08, SWN08, ST03, SF04, SSC02, SH04, SH05b, TCC06, TSKA05, VHL+04, vdPAJ+06]. **diatom-based** [MBF+03]. **diatom-dominated** [HBH+06]. **diatom/Phaeocystis** [BRP+06]. **diatomas** [MVBM04]. **Diatoms** [HMS+07, Alv07, ALRM08, BARS01, CWPL05, Fin01, Gai00, GM03b, HMS+04, Ham02, HM09, KVdB+04, KFN00, KSM+05, LSK07, LES+05, LFPH07, LLC+09, MAC+06, MG04, MDL00, MTM+01, OLCT08, PP04, PQP05, TS08, TGdB+01, TvdWdB04, WTC+05, WW07, dlM09]. **diazotroph** [NTDV06]. **Diazotrophic** [LB09, NFS+07, TWR04]. **diazotrophs** [KFH+09]. **DIC** [BCC+04]. **Diego** [CZRD+04]. **Diel** [BF08a, BBG+05b, BDC00, CBB+02, DKKA09, KKT+07, SS01, TWR04, UGY+00, YYB+05, ZXN+08, BBAW09, GZL02, HKF01, HM03b, IJA+04, LLS08, SLDE09, TCCG05, SS04]. **diet**

[ABJ+06, BMNB+06, DPC+08, EKdF07, GJS01, Has04, RRSC01, VVSM09]. **Dietary** [MGW+05, AS00a, DGV01b, SDC00]. **diets** [BL07, CWPL05, CD02, dSFFTD07, RH01]. **difference** [GNU00, SSAH05]. **Differences** [GA01, OH00, DJH05, LAJ+04, LLK05, MBDL01]. **Different** [AFH07, HPL+06, SR07, BK01a, BLM+06, BARS01, BS01, CSSNA02, CDD07a, EAO+02, FAL01, GR01, GCG05, GWL+07, HW07a, HK01, JJT07, JHW05, KFR+01, LB04b, Lür03, MMDW09, MW06b, MBC+05, MPRC02, MJW03, MWW06, OHCP02, OCNH00, OCSB05, PGC07, PH07, TW09, WWS+00, ZRL06]. **Differential** [BB05, FSSP02, JS08, LTM01, PWX04, PS06, WDVA08, AAD08, GDL+00, HRGM07, LBC+09, PFH+03, SMDG04, TFNT07]. **differentially** [PSH+07]. **differentiation** [Ham05, PCDB09, SJR+04, SBS07, SM01]. **differs** [BGE04, LSK07]. **diffuse** [BLG+07]. **Diffusion** [PHK02, GGRJ03, MNSV03, RENA06, SL02, YPBL07]. **Diffusive** [NA09, PSJ00, GBFJ07, LMMW03, RM04, RHJ02, RHJ04]. **diffusivity** [PP07, PIF08, WdBD+01, WPV00]. **digestion** [VMJ08, ZB03b]. **digestive** [SM02, ST03]. **dimensional** [FG06, LH05, PGM+09, RWFK00, SF04, ZB03a]. **Dimethyl** [RA09, SSS06, EMWL06]. **dimethylated** [LPD+04, VCKS08]. **dimethylated-sulfur** [LPD+04]. **Dimethylsulfide** [ZHFD06, DJB+07, KL00, SAPA+02, SKNK09, TKK+03, dVKT+09]. **Dimethylsulfoniopropionate** [MKVK05, BS03, EKD+07, MKK04, SAPA+02, SWS+03]. **dimethylsulfoxide** [SKNK09]. **Diminished** [BBL+03]. **diminishing** [GSG+05]. **dinitrogen** [Ano04, BSC+09, KSWC+03, PLW+08, PM08]. **dinitrogen-** [Ano04, KSWC+03]. **dinocysts** [MPdVG07]. **dinoflagellate** [AD07, AAD08, BZS07, CFG07, DCMS03, DA03, HHB05, JVL00, JTL01, KHNV05, KSP07, LASR09, MPdVG07, PMK08, SEL+02, ZGP+00, vDBL05]. **dinoflagellates** [AR06, FMWC00, KBBJ00, KRM09, LES+05, LN02, LNB02, MDL00, WLRT06]. **Dinophyceae** [GGP01]. **Dinophysis** [GGP01, SGG+08]. **dinophysistoxin** [KUP+06]. **dinophysistoxin-1** [KUP+06]. **Dinosterols** [MPdVG07]. **dioica** [AK00, LUHS04, TFNT07]. **dioxide** [BMD+04, CGCPA08, CS05, HPBD01, JCW08, KFR+01, Sch01, SWN08, SKC+01, TG09, WC04]. **dipeptides** [ML09]. **Diptera** [BPLH04]. **Direct** [EMPI07, GP00, HGB00, HU07, HMD+07, JKS04, MdG08, NP01, PC04, PP07, PIKB08, RCL+02, WRG+05, EZA+05, WH07]. **directed** [PVD+07]. **Directly** [HD03a]. **discharge** [CB04, Cha07, CIWH09, GGM03, GMMW03, HU07, HDFM08, HLK05, KH03, KC08, PSS+06, SSA+04, SMGP06, THA01, TSDK+09, dCCL09, dSYL+08]. **discharges** [PBGJ09, TSSWK+06]. **Discontinuities** [AB07]. **discontinuous** [HC01]. **discovered** [AD07]. **Discovery** [AP00c, GGS06]. **discriminate** [FSSV08]. **discrimination** [KMMS00, KDS03, MVBM04]. **disease** [Duf09]. **disequilibrium** [EPS00, MT06, MWE+03]. **dislodgment** [CMD+09]. **dismutases** [PP04]. **disparity** [PHF03]. **Dispelling** [TF00]. **Dispersal** [AHF+05, GSA+05, KR08, PHMR+07, AG03a, BPC06, DGCMK00, DL00,

HCH00, HS04, HMD+07, HR03, JGE+09, MVD05, REL06, WNAW09, WM07, ZRL06]. **dispersion** [JLP+08, LN06, SI03, UGSMN01]. **dispersive** [FRO04]. **disposed** [FH03]. **Disrupted** [WSEL09]. **dissimilar** [RES+08]. **dissimilatory** [GMA+06, GSLT08]. **dissociate** [JGE+09]. **Dissolution** [FH03, GJB+04, LVB08, SM02, BM00, BBL+03, BJBA03, BZ02, BZH08, FAC05, GWR+09, Gre09, JNKdV09, PSS00, RBJ+06]. **Dissolved** [BFC07, BI07, BLBB07, HBH+07, HPAM01, HDVB01, LBC06, OH08, RSH08, SH05a, TPSF01, VMSB08, AW05, AVJ+00, All00, ÁSGMP01, AFB01, ACZ00, ARK+00, ASS03, AHR+01, BFDC01, BFC05, BMF+06, BPOT04, BJG+00, BGV02, BK03a, BRL03, BT00, BK03b, BTS+06, BW00, BMC07, BB07, BM03, CWWS00, CKPS04, CGH+04, CGL03, CG03, CDK02, CLG08, CSK+07, CSPW00, CS05, Cul06, DD09b, DGKA06, DB07, DGCMK00, DKRZ06, Dit04, DGD04, DdG09a, DR06, EB01, FAL+07, FS09a, FQH+01, FSSH03, FSSP02, FW07, FXL04, GBM+04, GFJ+02, HY01, HBCK03, HSR+08, HKD01, HFDO05, HFE07, JR07, KB01, KS04a, KB06, KD02, KWS06, KL00, KKH06, KNN06, KHK+03, KCV06, LFZ+07, Lee01, LBM+04, LBG+09, LFFC06, LBD+09, LTT07, MYM+05, MPJ08, MH00, MH04a, MCF+04, MHK+07, MBC06, MBW+01, MCPP06b]. **dissolved** [MHB03, MMCW09, MPD+06, ML05, Møl07, MSZ00, MC04, NSM09, NA03, NCÁSP06, NA06, OH00, ORH01, OB04, OV03, ORFD+09, OZM+01, OOB09, PC02, PWX04, PWH+04, PS06, PAF+04, PBGV04, RKGC+01, RBC00, RA06, RvBB02, RS01, STC03, SMD+04, SHL+05, SDvEB06, SR07, SRG00, STP+07, SMH+06, SlBWC+00, SWML08, SM01, SM05a, SM05b, SHA08, SC08, TPM01, TvG02, TYK+08, Tho09, TNO+08, UWA+07, VSSTS00, VJ07, VW08, WKH+06, WW07, WK09, WV00, WdMD+00, WS04, WTM09, XLF+03, YT03, YJMT08, YT09, ZSS+08, ZB00, ZWC+04, dGvD07, dGMH+08, dVKJK07, vWSBT08, vWBT09]. **distance** [HMD+07, ZRL06]. **distances** [HR03]. **distinct** [BLBB07, FTY+06, Fyf03, KWTS07]. **distinctive** [TNO+08]. **distinctness** [HSLV05]. **Distinguishing** [DJH05]. **distributed** [STP+07]. **Distribution** [BB04b, CSSNA02, CGL03, CG03, DMEPA04, GSB00, HHM+09, HMB06, KL00, MGF03, RKGC+01, RCE+02, SLE04, SGT+06, TLvAH06, UWA+07, Ann05, BKAE01, BJW+02, BSJ02, BZS07, BRM+07, BBLB05b, BBLB05a, CDD+03, CMJ07, CMC+09, CW02, DPC+06, GD00a, GBFJ07, GSB+09, GGS06, GSL+07, HD03a, HDWDD09, HOFD01, Hol00, HFDO05, JL08, KLWS08, KFH+09, KL01, LSK07, LW01b, LCC+09, LBD+09, MNSV03, MZV03, NFFK00, Par01, SSA+04, SMP05, SVC+07, SMR+01, TvG02, THWS00, Tho09, TKK02, VB00, VMS+03, WLRT06, WS06, WBP+06, WSBL06, YT09, ZW06, Zim03, vNHM+09]. **distributions** [BGC04a, BST+08, CSM+08, CBK+08, DG06, EWE02, FSM+07, GZL02, HC01, HTAS06, KH03, MH04b, RHK+09, SBB00, SMA00, ZJC+07, vHRB+09]. **disturb** [MHLN01]. **Disturbance** [FDP+08, BS02b, CMD+09, CCKC05, EBS07, HW09, MW02, WA01]. **disturbances** [HZ00]. **disturbed** [KCCE06]. **Ditylum** [RA00, RNA06].

Diurnal [DLZ+09, DGL+04, KDRR09, ORH01]. **divergence** [HWA03]. **divergences** [SMS07]. **diverse** [AVA+02, LTB09, QRF06, SMA00]. **diversion** [DFBA07]. **Diversity** [MG08, AH02, CMH+08, CMC+09, FQC+07, FPZ09, GLP+08, GBL+04, HGBB08, HZ00, LLvW+03, LFS+04, NTDV06, OBB+04, RB02, RL07, RA00, Thi00, vdSvdSG+00, Gou01]. **division** [MC00]. **DMS** [SWH+03, TKK+03, dVKT+09]. **DMS-producing** [SWH+03]. **DMSO** [dVKJK07]. **DMSP** [BCM01, EKD+07, KL00, MKK04, MKVK05, SWS+03]. **DNA** [CDD07a, CDD07b, DSD02, LTT07, RA00, VPA02, WGKE04]. **DNRA** [GMA+06]. **Do** [BP03, BEM+02, Fly03, HD03b, JKLR08, KNC+09, KKH04, WDL07, WKB+04, NA09, TDT01, WGN+08]. **DOC** [All00, AG03b, HTS+03, RB01a, YSM+03, dGvD07]. **docosapentaenoic** [PWP07]. **document** [CCM07]. **documentation** [JKS04]. **Documenting** [DCC+01]. **Does** [JJS+03, KHNV05, MWE+03, MTV+02, PCC+07, RC07, SSAH05, GM03a, GRVF+00, Sak00, VW01]. **DOM** [BFC05, KS04a, MH00, MRNT+07, ORH01, WR00, YJMT08, dGMH+08]. **DOM-feeding** [dGMH+08]. **dome** [SRM05]. **Dominance** [BOC01, RSWH04, BHMS06, ERH06, WA09]. **dominant** [CLC02, DVV+07, GHS05, GGIA06, NDT07]. **dominate** [HZG07]. **dominated** [CL02, Cha07, DD09b, DT00, DRSL07, DBWS06, EMPI07, FAM04, HMS+07, HBH+06, JCW08, MGL02, WC04]. **dominates** [KB05a]. **Domoic** [TAB+00, WTC+05, BKK+06, MHRW02, THH02, THL+09]. **DON** [Ber01, BW99, PWH+04, SSS02, SLJ00]. **DON/TDN** [PWH+04]. **don't** [KKH04]. **DOP** [CSSNA02]. **dormant** [DLDE04, DPK+00]. **Doughnut** [KBG+08]. **Dover** [Jun01]. **down** [CCS06, CBD+06, DHTH05, Goe02b, KMHE04, LWS01, MMO06, SCDR07, SMO07, WPW+09]. **downside** [MK00]. **downward** [SSH+09]. **Downwelling** [DDL+09, BTKGA07, SGG+08]. **drag** [MKM06]. **drainage** [AB07, SKR01]. **draining** [HA01]. **Drake** [BTB+08, HMR+07]. **drawdown** [PLW+08]. **Dreissena** [BFC05, BFC07, BDNF01, MGH08, MBDL01, SWH+05, WBvE02, WvE04]. **drift** [HR03]. **drifters** [BMH+08]. **driven** [FLPL08, GZL02, GA00, HLM08, LKAB04, PFH+03, PTKP00, PH03, PFPH04, RKK09, REL06, RLJdB08, SP09, SL02]. **drivers** [SK05]. **drives** [BFS+04, HRGM07]. **driving** [CSM+08]. **droebachiensis** [GWH06]. **Dronning** [WSNH06]. **drop** [OFKH01]. **drought** [FHDKR03]. **drought-induced** [FHDKR03]. **Dry** [DP01, GMRD04, TPM01, Vin00, MSBHG01]. **drying** [CH05a]. **dryland** [HBTM05]. **dual** [WKFP06]. **Duarte** [Fou02]. **due** [MH07]. **duebeni** [DHKH05]. **Dumai** [AJS07]. **dune** [HB05]. **Dungeness** [PDS07]. **Duplin** [WC04]. **duration** [LA09, MD09]. **during** [AGL03, AS06, AMS+08, AELS04, AH02, BD04, BVWB07, BJG+00, BLSQ07, BSSL03, BJD05, BAP+05, CJ08, Coc01, CPCK00, CCCC07, CCC09, ET08, GRdL+08, GP06a, GM04a, GRB02, GSW03, GSNH04, GSLT08, HYH04, Har02, HFC+04, HM06a,

JBM+07, JJS+03, JGSB07, JHGGP06, KKKT07, KTLS03, KB06, Leo08, LRYS06, LKM03, LP07, LNJL09, LRF07, MSGK06, MBL+01, MPACG01, MAC+03, MSZ00, MLSS05, OKO+01, OBSD04, PTK+07, PWP07, PSH08, PVD+07, PPL+02, PD05, RSC04, RCVK09, SKTD04, STHG07, SLJ00, SLC+09, SGG+08, SMG06, SLS+02, TvG02, TMS+00, TBF04, VMH+01, VMS+04, WMRK06, WAGH09, WW03, WHC+06, WTM09, ZJ03, dSYL+08].
dust [HCK02, MLRMR09, RORR+09, SWF04, TSSWK+06]. **Dutch** [DGV01a, DGV01b]. **Dynamic** [YCM+01, BKB02, LKB04, vdPVB07].
dynamical [KSS+07]. **Dynamics**
[FWM+05, HBH+06, MVBM04, RB02, SHA08, AD05b, Ano08b, AP00c, BJW+02, Boo00, CSM+08, CNGV09, lLCChTO08, CBH08, CDD07b, CSG+06, CIWH09, CFG07, DGH+07, DAC+07, DJB+07, DAMM+09, DBGR09, Duf09, EWE02, EGPA02, FL08, FMD03, FG06, GMA+06, GA00, GD00a, GGRJ03, GM04b, GBM+04, GAPR06, HNB+07, HSB00, HFR08, HH02, HTWG08, JS03a, JPJS06, JBvHS08, KRZ06, Kiø07, LAG+03, LFS+04, LMB05, LSC+08, LLDS06, LWB+01, MFK+09, MLC+07, MFF07, MLPS09, New01, NCO02, ORH01, PFPH04, RKNA09, RBW09, SSLE02, SSH+07, SDM+09, SKJ+07, SAPA+02, SNFT07, SSV+04, SSJ07, SC08, SLC+09, TCL+09, TVSS01, THH02, TMH+06, VKvD05, VCKS08, Vin00, WGLT05, WG04, WMW+08, WSEL09, WNP04, YJMT08, dVKT+09].

Early [CDD07a, SMD+04, HYH04, HAES02, LWS01, PTK+07, PWP07, REL06, SvKM01, SLS+02, TMH+06]. **earth** [Gai00]. **East** [FSS+00, MRK02, SLS+02, VBH+05, WSNH06, EF05, CWJ09, HWL+00, MVD05, Pil04].
Eastern
[BLM+06, ÁÁS07, BZS07, Coc01, DPC+08, FCGC+09, GST+01, HB08, KN07, LBW+08, LMBP07, MC00, MOK+03, MMPA04, MWH01, RvAV+06, SRF+01, SKBC01, StLHB+07, SH05a, TM02, VDK04, KHM04, TG09].
Echinodermata [MSBHG01, VTR03]. **echinulata** [VMS09]. **Eckernförde** [SSA+04, TKBJ05]. **Ecklonia** [WLP+07]. **Ecological** [BRE02, Boo00, HD09, Par01, QMS+07, RCL+02, SJR+04, SFB+09, BSSL05, BBCW09, BBKC03, BCBS04, CG08, CGWK+09, HVH00, HA08, KAM04, LW02, OS01b, PvE00, PH03, RLM+08, RES+08, SMP+01, Tor00, TWC+09, WLRT06, WSKL06].
Ecology [WGC00, AWH07, BB04b, Bri01, CR08, Fis00, HR07, Ham01, JGZ+08, Jun01, Kem00, KW04, KBL08, Kne02, LU08, MAMC02, OSDB07, Pom01, Smi00, WNP04, Wro01, Fou02, SG02]. **ecophysiological** [AKE04, PCDB09]. **Ecophysiology** [BH07, RCE+02, WLP+07, WSBL06].
ecoregion [Fis00]. **Ecosystem** [HT03, Vin00, ÁSGMP01, BK07, CC04, CNGV09, DD09a, EPP+08, GLP+08, GHS05, GHB+05, GBM+04, HBG00, HP06, JCC02, KHB+00, LAJ+04, LRMV04, LVSW07, LLDS06, MCF+04, MdG08, MCL06, Nor04, RNC03, RKNA09, Ris02, RlBW02, SCS+08, SCDR07, SFC+00, TCCG05, WGN+08, WNL+08, WGLT05, YYTH07].
ecosystem-specific [SCS+08]. **ecosystems**
[BMU04, Cal01, CBRC01, CDD07a, GBA00, HTS+09, HPV+00, HA08,

HM06b, LN02, MPJ08, MVA+09, Mul01, MHS+09, PVP+06, PSS+06, RH06, SJH06, TVSS01, WBB09, ZHL06, vdHPH+09, Dow02]. **ecotone** [SMD+04]. **ecotype** [ZJC+07]. **ecotypes** [SFR+08]. **ectoenzyme** [FSS+00]. **ectohydrolases** [BA01]. **Ed** [Pom01]. **eddies** [SLKP05]. **Eddy** [BRW07, BMWW08, THL+09]. **Edge** [BBCW09, BGR+09, STG+07]. **Edmondson** [Leh00a]. **Eds** [Caf01, Gou01, Mil02, SG02, Sta01, Wan02, Wro01, Dow02]. **edule** [RHM04]. **eelgrass** [FHBK06, GBP03, Reu02]. **EEM** [YJMT08]. **EEM-PARAFAC** [YJMT08]. **Effect** [AKH04, BGC+05, BM03, BR00, CWG+07, CCC+03, GR01, GBFJ07, GM03b, GCG05, GMRVFP02, HHB05, HK01, IJA+04, JVL00, JTL01, KS04a, KDO09, KTMM00, LASR09, LH05, LBC+04, MBC+05, MF01, MF02, PL09, QMS+07, RORR+09, RRS06, SH00, SH05b, SBM04, TXH05, TGFPT08, TTG+09, TLrR07, VTR03, WS06, WSBL06, ZHSJ09, AS00a, AOR07, Bat02, Ber01, BZ03, BCDH09, BMNSK00, Cal01, CCKC05, CBG01, CRF01, DKA+03, EZA+05, FRO04, GRV+09, GAPR06, HDSC09, HBS05, HMNL06, KCE+00, KLS+06, KLS+07, KHK+03, KHQ01, KDRR09, LLS08, LEML09, MHRW02, MB05, MS05, NA06, OS01a, OFKH01, PS06, PFL07, RB09, RSS+03, SE06, SHSH+07, SDvEB06, SA09, SBR+06, ST03, TCR03, TR03, UMASG07, WSL+02, YYTH07]. **effective** [HH03]. **Effects** [ARO+04, ACHG07, ABDS04, AKP+09, BST+05a, BBJ05, BS02b, CWPL05, CG01, CS05, DGV01b, DDZ03, DA05, EDF+03, Fab06, FAC05, FAL+07, FHDKR03, FQH+01, FS09b, FGM+03, FNM07, GPAP+04, GEP08, GVT06, GSL+07, GSJ+09, HPV+00, HFR08, HG03a, HG03b, HH05, KCSM07, LFZ+07, LCC+09, LH06, MPA+07, MSLH02, MKM06, MPD+06, MS03, MZV03, MPZ08, NPE08, NH06b, PMK08, PSHM04, PBGV04, PD05, RCVK09, SCB03, Sal05, SWCL01, SPM04, SCP08, SCM08, SWN08, SDH02, SL01, SLRM03, SSC02, SCV04, TYK+08, TSSWK+06, VKvD05, WG04, WWMB05, WST06, WBR03b, WL06, WWS+00, ZB00, ALRM08, Ann05, Ano08a, AMS+08, AY08, AH01b, BVH02, BB03, BB05, BTKGA07, BBAW09, BRM+07, BSG+08, BLSQ07, BBG+05b, BvE07, BDNF01, BS01, CLL+03, CFMH01, CVH+05, CD02, CSK+07, CT02]. **effects** [DD09a, DAMM+09, DSW05, EMPI07, EMK08, FS09a, FH09, FSK+04, GRB09, GGH07, GGS06, GNU00, HGB00, HH03, HS04, HFR09, HWL+00, JWRW07, JS08, JM02, KNC+09, KBL08, KBD+00, KSM+05, LTM01, LCS+03, LBEP06, LFA+09, Les01, LLB04, LL05, MBK+09, MSVS+07, MHKP02, MPB+08, MY05, OBB+04, PLMPN08, QLD+02, RKM+06, RNR08, RCD+05, RPR+02, SSvNH03, Sch09, STC03, SJH03, TG09, TDT01, WBvE02, WA09, WMWV04, WDVA08, WH07, vdPAJ+06]. **Efficacy** [GJRM07]. **efficiencies** [GP00, HK06, Too01, XTSM07]. **Efficiency** [Aki00, BMBA07, NH06b, ASGA+07, BBL+03, CEBMF05, KTM01, MRNT+07, MNM+09, OHUB00, PBGV04, SP04, SDKZ+09, SA04, TCD+03, UPC+05]. **effluent** [SLE04]. **efflux** [CBvEK03, KHP+06]. **effusus** [KLSW00]. **egesta** [PW01]. **egg** [AFL07, GRCS06, Has04, IHH+00, IHHH00, JS03a, JKS04, KS04b, SK04, WvE04]. **egg-bank** [JS03a]. **egg-production** [Has04]. **eggs**

[BDvO+03, BSSL05, DPK+00, GS04, KSEÖ+02, YM03]. **Ehrenb** [KHH+03]. **Eighty** [LD01]. **Eilat** [BTKGA07]. **eject** [OH08]. **Elbe** [DBE08]. **Electron** [MED+08, PTKP00]. **electrophoresis** [DMEPA04]. **electrospray** [SHL+05]. **electrospray-ionization** [SHL+05]. **Element** [CG08, TBF04, SDvEB06, WA01, YSM+03]. **Elemental** [BBKC03, GHN+02, HSN+03, BFML05, DL00, FQR+06, FH09, GR01, GGP01, HABF03, HPHT00, HFZ+07, LG04, MH07, Pri05, SL01, VC05, WSC+05, WSKL06]. **Elements** [Thi00, AVJ+00, BFS02, CLL+03]. **elephant** [BTB+08]. **Elevated** [LPD+04, SNPK+09, CMCB+09, GCG05, MAC+03, SWN08, TG09]. **elevation** [NSM09, SMC03]. **elevational** [TSMB05]. **Elizabeth** [CB04]. **Elkhorn** [BNM+09]. **elodes** [GGH07]. **Elopidae** [MH04b]. **Elops** [MH04b]. **Elucidating** [FMD03, GVT+09]. **embayment** [EM02, MRK02, RC05a, RC05b]. **embedded** [WSHN00]. **embryonic** [JHGGP06]. **embryos** [KBD+00, LLB04]. **emergence** [GS04, IOG+04, SJ08, TVT04, VKV07]. **emergent** [KLSW00, OS01a]. **emersion** [HBH+06]. **emigration** [PP00]. **Emiliania** [BTdB03, DNB+04, DA05, EZA+05, EMWL06, EKD+07, EW08, FHB+09, GRV+09, GD01b, LGN+06, Leo08, LMT05, MAL08, RZR02, SXLM06, SWH+03, TSG+01, TLrR07, XTSM07, vdPVB07]. **emission** [YJMT08]. **Empirical** [BMNSK00, KTAL04, BSJ02, JPJS06, MBC01, WSC+08]. **Emulsions** [VMJ08]. **enantiomeric** [PPH03, TvAVH06]. **enantiomerization** [PTLJ01]. **encounter** [HK06, KB05b, KKT05]. **encystment** [KRM09]. **endemic** [GCM+09]. **endopeptidases** [OS05]. **endosymbionts** [RSS+03, ZB03b]. **Energetics** [AI01, SI08, ACHG07]. **Energy** [RG07, ACW02, AMS+02, DPFL09, Jan03, KB05a, LFA+09, MAS+02, RS09, SO07, SIH+06, WBR+03a, WPV00]. **energy-budget** [WBR+03a]. **engineering** [DD09a]. **engineers** [SFC+00]. **England** [GSO03, TCP+03]. **English** [FUG02, IHH+00, IHHH00, LMBP07, RV04]. **enhance** [Has04]. **Enhanced** [ACG07, TCD+03, WAGH09, Fra01, FT03, HSF+08, LBC+09, MV03, dSYL+08]. **Enhancement** [AJ01, FA03, CPL+04, GB09]. **enhances** [EMIP05, MSAC06]. **enrich** [vE02]. **enriched** [BRP+06, BLM+06, CBRC01, NH06a, dGMH+08, dSYL+08]. **Enrichment** [KLAF04, AS00a, AS06, AWH07, BHMS06, CV05, Coc01, CJWR05, HR07, HPV+00, LSK+03, LLF+09, MBL+01, OSDB07, RH01, SSK06, SMC03, Smi06, TMK+07, TMA+01, WA01, YS06]. **enrichments** [CLP+03, GSH04, LCPS05]. **enslave** [MZL04]. **Entrainment** [STK+04, FLT02a]. **entrance** [KHH+03]. **enumeration** [MKK04]. **Environment** [BFS+04, BN01, BMD+04, CFMH01, DFBA07, DVV+07, DC05, DRSL07, Dup00, DST08, EKdF07, FF04, FBW+08, GSB00, Hei08, Hes00, JTAM09, KAW05, KBD+00, Les01, MPGB08, MB00, NH06b, RLP+06, SRNW06, SŻKL08]. **environment-indicating** [DST08]. **Environmental** [SSLE02, TKBJ05, AS00b, AHHH+07, BZS07, BBLB05b, BBLB05a, CSM+08, CCKC05, Dav00, DHKH05, EPP+08, Gai00, HAHS+09, LALE04, LCC+09, MSH+06, RM06, RBW09, RMG+04, SGPK07].

environments [DLZ+09, HGBB08, LRS+03, MNM+09, OH08, OH00, SLRM03, SMA00, TW09, TCL+09, YJMT08]. **enzymatic** [CS06]. **enzyme** [SHA08]. **enzymes** [OS05, STC03]. **ephemeral** [CIWH09]. **ephippial** [KBE+04]. **epibiont** [BAPMMB01]. **epibionts** [DLDE04]. **epidemics** [DHTH05]. **epifluorescence** [SF05]. **Epilimnetic** [HBM06, KFR+01]. **epilimnion** [HHS05, MBDL01, PBC02]. **epilimnion/hypolimnion** [MBDL01]. **epilimnion/hypolimnion-related** [MBDL01]. **Epilithic** [HHT01, LZ09]. **epilithon** [ML05]. **epipelagic** [SRZ04]. **epiphyte** [DDZ03]. **epiphytes** [CT02]. **epiphytic** [TCC06]. **Episodic** [HLM08, LSM03, SCM08, GM03b, NSBA01]. **Eppley** [BMSA08]. **EPS** [HBH+06, LB00]. **Equatorial** [TM02, Alt01, BDK+08, Coc01, MC00, vdSvdSG+00]. **Erie** [ALH01, BLHC08, HBG00, HBS04, NGS+07, RHCS08]. **erosion** [EMPI07, SFC+00]. **Erratum** [Ano07, Ano08a, Ano08b, CR10, DdG09a, KB08a, KLS+07, MBH+06a, SS04]. **error** [Lan03]. **errors** [McA03]. **erythraeum** [PM08]. **Escape** [BHL07]. **Escherichia** [GKS+02]. **Essential** [KAM04, AP00b, PWP07, RB06]. **Establishment** [LED06, RB03]. **esterase** [RvBB02]. **estimate** [ACD10, MPdVG07, SH10]. **estimated** [BZH08, KM02, LHWE01, Lee01]. **estimates** [BNC04, BLS+06, CRJ08, DB07, EWE02, IJA+04, MSLH02, MV03, Too01]. **Estimating** [CDBC00, LMSE05, WPV00]. **Estimation** [HR03, SSMM00, Har01, OHUB00]. **estuaries** [BDS+04, BdG02, CHH07, CBD+06, DBE08, DNS06, FHBW06, GMA+06, HOFD01, JCW08, LTOS04, McM00, OCNH00, SMP+01, THA01, TLM04]. **Estuarine** [Bia01, Dow02, ACG07, AJ01, BN01, BKB02, CG09, CV05, CK08, CCH02, DAC+07, DVV+07, DGD04, GSW03, HBH+06, JTAM09, JCBA08, KLG09, MYM+05, MH00, MH04a, MVFD04, MBCD04, MBC06, MA08, MGF03, MSZ00, Nil03, PVP+06, Par01, RBW09, SDC00, SBL06, SSS02, SWS+06, SMJ+06, Smi06, YTVR07, Zha00, ZWC+04, dGB02, CWWS00, VWPP+06]. **Estuary** [FW07, GGDC04, How00, MWM+04, TRF+06, AJS07, AHM+08, AR06, BKM05, BDSB07, BLBB07, BDK+06b, CL02, CBA01, Cha07, CGL03, CG03, CD03, DBE08, DAC+07, EF05, GSG+05, HMS+07, HDWDD09, HDVB01, KM02, Kim05, LF09, MA08, MPZ08, NA03, RNC03, RBC00, RB01a, REL06, RL07, SBC+08, SMD+04, SCM08, SMH+06, SM05a, TWS03, Tho09, THA01, TCP+03, TM05, VVSM09, WC04, YNCK04, YS06, KCSM07, KDMC05, Leh00b, LBG+09, SMJ+06, WKFP06]. **ether** [WIK08]. **eucaryotic** [CMB00]. **Eudiaptomus** [ZRL06]. **Eugene** [Dow02]. **eukaryotic** [DMEPA04, DR06, SKM05, SFR+08, TSG+01, WNP04]. **Euphausia** [ASAC04, AW00a, AW00b, AMS+02, ASH+06, JHGGP06, MAS+02, MFG+09, RQB+00, SAP+06, SHS03a, TSH+06, TKM07]. **euphausiids** [GYBA04, JHGGP06]. **euphotic** [AO09, BK03b, BW99, LKAB04, NEE08, TCB+00]. **EURO90** [Wan02].

Europe [DJG+06]. **European** [BDS+04, JLB+06, JGE+09, Law08, OAA+06, PLG+02, UWA+07, VMKN03, WJA+07]. **eurystoma** [SE06]. **eutrophic** [BOC01, BDK+06b, CCC09, GCG+02, GFM+01, GCS06, GP06b, HLNM+03, HTWG08, JPJS06, KFW09, Law08, LBM+04, MCF+04, MGVM+06, PWS09, RA09, RB02, SKJ+07, Zha00]. **Eutrophication** [Dod06, MSVS+07, SJH06, SQTA07, CCS06, CCAÆ06, CHH07, CVH+05, CS06, CWC+06, FHBW06, GCJ+06, GP06a, HOFD01, HM06b, HLK05, IR06, LFS+02, PVP+06, PD02, PDTR06, Sch06b, THT+09, VJV+03, VM06, WSBL06, WL06, YYTH07, ZC02, Elm02]. **Eutrophication-induced** [SQTA07]. **evaluate** [HBI01, MBC01]. **Evaluating** [CCKC05, MC06, RENA06, SJW03, CBA01]. **Evaluation** [BCM01, LTGG03, LBSY02, HHB+09, WSC+08]. **Evaporation** [WBR+03a]. **evasion** [HPBD01, RBC00]. **event** [AGL03, BZH00, LJ09, LRYS06, RRHPT+06]. **events** [AR06, CTR+02, GWH06, GV09, HLK+07, HAHS+09, NSBA01, PPL+02, SCM08, SVPK+09]. **Everglades** [Ris02, CBD+06, GCJ+06, IR06, NHS07, SIRO05]. **Evidence** [AP00a, Aks07, ÁÁS07, BAG+09, BAPMMB01, BZ03, BNM+09, CTY06, CLS05, DGV01a, DLDE04, Dit04, DAA+01, ED05, FAC05, FL06, FRO04, GKS+02, HMS+04, HDFM08, KRZ06, LAG+03, LvdB09, LA06, ME06, NGS+07, PDS07, PLW+08, RHM04, SMC03, SQTA07, TSMB05, THJ+09, TGF00, VMH+01, WKW09, Zha00, ZWC+04, dGMH+08, ARB+04, Alt01, AE08, BBCW09, DPK+00, GLVFH09, Had08, HVP+07, HR00b, HPHT00, KTG+06, LNB04, LFA+09, LM02, MW02, MCJ+06, MVFD04, PC04, PD02, PTKP00, PCD+08, RCL+02, Sch00, WRG+05, RC07]. **Evolution** [DHP03, AIS00, AI03, BST+05b, CRY+08, GPHS08, TIH02, VRC07, dlFSIN08]. **Evolutionary** [SBS07, Tor00, HA08]. **Evolving** [HM06b]. **ex** [DDZ03]. **exacerbates** [GRV+09]. **Examination** [CL02, MW06a, SIRO05]. **examined** [TMYH02]. **Example** [DAC+07, CTCT03, Leo08]. **exceeds** [LH06]. **Exceptional** [HAHS+09]. **Excess** [HA08, SL02]. **excessive** [vdPAJ+06, vdPVB07]. **Exchange** [MHC05, RC05a, BSM01, Bat02, BMD+04, CGL+04, CWG+07, FUG02, GJRM07, HM08, HLM08, HDP09, MCJ+06, OV03, PH03, PFPH04, RSC04, RHJ05, THA01, UL05, VPH+07]. **exchanges** [SH06]. **excitation** [SIK07, YJMT08]. **exclusion** [BGV02, DGV01a, HZ00, PL09]. **excreted** [HY01, SH03]. **excretion** [AW00a, AW00b, AH01b, MTC+06, ZHL06]. **excursions** [KSM06, TB05]. **exhibit** [BP03]. **existence** [TF00]. **exopeptidases** [OS05]. **exopolymer** [ASP04, LB00, PP07]. **exopolymeric** [MBLP01]. **Exotic** [HBG00, BKB02, CPB+08, DPK+00, MGH08, NPE08, RSWH04, RL07, WM06]. **Expansion** [SCY00, JGE+09]. **expeditions** [Smi00]. **Experiment** [BJD05, BAP+05, KTLS03, OBSD04, TBF04, BMD06, BHV04, Coc01, EGP08, GCG+02, HTS+03, HPAM01, KLS+06, KLS+07, LTT07, MJW03, PBMSG04, PW03, TCD+03, VMS+04, vOMSM06a]. **Experimental** [BVH02, DAV+05, KTG+06, KNC+09, KW04, MW02, RRH+03, SPM04, SF03b, SF03c, AD05a, BGR+09, BPLH04, CSWD07, ED05, HPV+00, HD09,

JPK+05, LW01a, LNB04, LED06, MSAC06, MW06a, MSPAE06, OAA+06, PSHM04, RL00, SCDR07, SFC+00, SCV04, SHS03a, VMS+04, WMRK06, FKS+01]. **Experiments** [EMK08, SSS08, ZMJ+07, AWH07, BLM+06, EVW07, EZA+05, HR07, HTS+09, HR00b, KCP+04, MT06, MHS+09, NHN+05, OS01a, OSDB07, TKAW03, WST06, BVG+07]. **explain** [KR08, MTV+02, TF00]. **Explaining** [MPH08]. **explains** [SPW+05]. **explanation** [BWK+07, Fra01, TA03]. **explicit** [Ano08a, MCPP06a, MPB+08]. **Exploring** [WGN+08]. **export** [ÁS07, BAP+05, BB09, Ceb02, DBTK02, ET08, GSL+07, GSJ+09, HBAK09, HD03a, MWE+03, Pil04, SSH+09, TVSS01, SVPK+09, WC04, WTM09]. **exports** [FL06, KCV06]. **exposed** [ABFS09, AAD08, BVH02, JJT07, OAA+06]. **exposure** [EMWL06, GCG05, HH03, HD03b, LW01b, SDKZ+09, WLP+07, ZSS+08]. **Expression** [LPAQ+05, MPZ08, PP00, ZMJ+07]. **extend** [VPH+07]. **extended** [AP00b]. **extends** [HGBB08]. **extensive** [RA00]. **extent** [LFS+02]. **External** [LFAB06, ESA06, JPJS06, SKR01]. **Extracellular** [KSM+05, CDD07a, CDD07b, CMB00, DSD02, EPS00, HBH+06, MT06, TSKA05, VOG+08]. **extraction** [AD00b]. **extraordinary** [HGBB08]. **extratropical** [PLW+08]. **Extreme** [BL07, DMS+03, GV09, GSH04]. **extremes** [GDCG08]. **exudate** [LV01]. **exudates** [LMZB08]. **exudation** [DA05]. **exuded** [DNB+04].

faceted [CLL+03]. **facilitate** [SPZ03]. **facilitated** [GKS+02]. **facilitates** [ABFS09, NA05]. **facilitation** [ARV+07]. **factor** [CPCLS04, GWR+09, MRNT+07, YJMT08, ZB01]. **Factors** [GCS06, LFS+02, LVC+00, MJEM06, SNM+08, TB05, BSM01, BFCLÁ08, EF05, GCG+02, HVH00, HDWDD09, KRZ06, KSS+07, LALE04, MJ03, MBCB08, MJW03, RBW09, SGPK07, SA09, WW02]. **facultative** [vNHM+09]. **fairy** [HMD+07]. **Falkenbergia** [MHDH00]. **fall** [AMS+08, GJT+08, GBM+04, SR07]. **fallout** [NSBA01]. **farcta** [WSL+02]. **Fast** [RSY04, RP06, CEBMF05, DJB+07, GFK00, Lan03, SKH+01, SQTA07]. **fat** [Has06]. **Fate** [VvOBM06, BMU04, CZRD+04, DSD02, Duf09, Hes00, KGYU06, MPJ08, MBB+00, SGG+08, TMA+01, WNL+08, vOMSM06a]. **fatty** [AP00b, BB05, BMNB+06, KAM04, KK00, PWP07, PAS+05, RBMN03, RB06, SO07, SAP+06, TGFPT08, TTG+09, VVSM09, VW01, WBvE02, WvE04, vE02]. **fauna** [PWP07, VEMM07, WG04]. **faunal** [GGRJ03]. **faveolata** [LMPY00, QYEA06, RRHPT+06, SSL05, ZJ03]. **Fe** [ALRM08, BRT+03, BFQF+07, CT05, FMG+08, MP00, MHRW02, MKS08, RW02, SWCL01, SH00, WKSM08]. **Fe-limited** [MP00]. **feature** [SRM05]. **features** [BSG+08, FSSV08, GRCS06, GS04, MS06, PE07, SGLT08]. **fecal** [PIF08, PIKB08, RFM07]. **fed** [BSS+01, DMJ09, HLD+03]. **feed** [KSEÖ+02]. **feedback** [ME06]. **feeder** [BB04a, PW01, SM02]. **feeders** [CMQ+00, Com02, WLTF03]. **Feeding** [AMS+02, IHH+00, MAS+02, SWH+03, TJV01, BB04b, BDC00, GPAP+04,

GM04a, GMRVFP02, HK06, HW09, JS04, KNE08, LH06, MK00, MIDH05, MA00, Møl07, MTM+01, NHTF01, NH06b, PSH08, RB08, RL00, RL01b, RHM04, SC07, SGPK07, SSAZ01, SLD00, SdB06, SWS+03, THR00, TKM07, TS01, TGFPT08, TTG+09, WSNM00, YSM+03, YWR+07, dGMH+08].
Feitsui [CWLH06]. **FeL** [SRNW06]. **female** [HFC+04]. **females** [YM03].
ferric [SRNW06]. **ferrichrome** [KTMM00]. **ferrisiderophore** [KTMM00].
fertilization
[AWLH04, FF04, GWH06, GRG02, HPL+06, LDC+01, OFKH01]. **fertilized** [GS04, YM03]. **few** [Kiø07]. **fiddler** [KA06]. **Field** [ARB+04, CMD+09, DGL+04, HWL+00, Ano04, AIS00, BM00, DA03, Fra01, Har01, JLH01, KSWC+03, Leo08, McA03, MVW+04, RQB+00, RA00, VB00, VCCS05].
field-compatible [Har01]. **field-flow** [VB00]. **fields**
[Dix00, KCCE06, ZZPP01]. **Fifteen** [SMA+06]. **filamentous**
[BD07, NKE08, RSY04, STHG07]. **filaments** [ÁS07, DGV01a]. **filiformis** [VTR03]. **filter** [BPC06, BD07, MTM+01, RL00, RL01b]. **filter-feeding** [MTM+01, RL00]. **filter-screen** [BD07]. **filtration** [GDL+00, JPK+05].
finding [KTM01, Kiø07]. **Fine** [UMY+02, WdBD+01, AHR+01, CSM+08, DJH05, ETCP03, FT03, HA01, NTM+05, Tun00]. **fine-particle** [FT03].
Fine-scale [UMY+02, WdBD+01, CSM+08, DJH05, Tun00]. **fingerprinting** [DL00, RA00]. **Fingerprints** [LALE04, BFML05, MWH01]. **fingers** [KLF+03]. **Finland** [CSPW00, GL07, KHH+03]. **finmarchicus** [Has06, KBD+00, ODR+08, SvKM01]. **Finnish** [SJR+04]. **Fiordland** [WLP+07]. **first** [BJG+00]. **first-year** [BJG+00]. **Fish**
[CA08, SPZ03, SH10, ANSS04, Aks07, AH01b, BSSL05, BBLB05b, BBLB05a, BJL01, CBG01, CCM07, Dav00, FSSV08, FB05, GHWG04, GCP+02, HNB+07, HCC+02, HH02, HG03a, HG03b, HW09, KLWS08, LBC+09, LKM03, MK00, MACB07, MD09, MM05, MAC+03, MIDH05, MID+07, NH06b, OKO+01, PC04, PvE00, RHK+09, Rit09, RH03, SK04, SK05, SD00, SRL+09, SLC+09, TMYH02, VNH+08, WSC+05, WSC+06, WM06, Wur07, ZW06, ZHL06].
fisheries [HH02, Wro01, Wro01]. **fishes**
[BTKGA07, BKB02, CCC+01, DS07b, JB00, PVD+07, SP09, SLKP05].
fishless [SCV04]. **fitness** [LH06, WKB+04]. **five** [WM06]. **fixation**
[ÁÁS07, Ano04, BFCS+01, BFQF+07, CGCPA08, lLCChTO08, CM03, FPZ09, FMG+08, GEJ+02, GMA+06, GGH07, GZY+08, HHT01, HVP+07, HFZ+07, HCD+09, KFH+09, KSWC+03, LHWE01, MW06a, MCC02, MB05, MBH+06a, MBH+06b, NFS+07, PLW+08, PGL06, PM08, StLHB+07, SH04, ZMJ+07].
fixed [MBH+06a, MBH+06b]. **fixing** [ARV+07, CPHM04, CBK+08]. **Fjord**
[Cro03, AELS04, CTWFP06, ESA06, MLSS05, PBM+07, SLL+04, Tun00, WGLT05, YWR+07, BDS+04]. **fjords** [WIK08]. **flagellate** [BWK+07].
flagellates [CMJ07, SSAZ01, UMASG07, WNAW09]. **flat**
[FAM04, GBM+04, WBP+06]. **flats** [RLJdB08]. **flavicans** [LLS08]. **Flexible** [WSKL06]. **flip** [GP03]. **flip-side** [GP03]. **float** [BST+08, RNR08].
float-based [RNR08]. **floats** [MJR08]. **flocculation** [vWSBT08, vWBT09].
flood [AMS+08, BS02b, SLJ00]. **Flooding** [LVSW07]. **floodplain**

[TMUW02]. **Floods** [LAJ+04]. **floor** [Bea03, WCL+07]. **Florida** [CL02, DGCMK00, DCC+01, Ris02, SSV+04, TRF+06, BHVC05, BHVC06, BSA+00, BSL+07, CCKC05, CBD+06, CDBC00, DC05, GCJ+06, GDB+09, HRGM07, JNKdV09, LSM03, LWP+07, LDC+01, MCJ+06, PF01a, Sch06a, SWML08, SLKP05, SP02, SSL05, ZSS+08]. **Flow** [CEA+09, RM09b, SPW+05, AGKK08, DMS+03, Fab06, FAC05, FRO01, Gay00, GRR+07, GDL+00, HMSI06, HZG07, HBTM05, HG03a, HG03b, JVL00, KBBJ00, LASR09, LAN08, LSF+08, MKM06, PTKP00, PP00, RVP+09, RG06, RMK+06, RKK09, RLJdB08, SSAZ01, SABA02, SON+03, TBHS01, VB00, WBD02, vDBL05, CBH08]. **flow-induced** [JVL00]. **flowing** [THJ+09]. **flowpath** [FQH+01]. **flows** [NA09, PF01c]. **fluctuating** [DBGR09]. **Fluctuations** [OKO+01, LSK07, LIE06, RHJ04, Sal05]. **fluid** [BHVC05, BHVC06, JTL01, RL01b, Sch06a, TBHS01]. **fluids** [CH01, SM02]. **Flume** [FT03, Bea03]. **fluorescence** [DCC+01, HFE07, LLA05, MF03, MSL+03, Mor03, ORH01, OHUB00, SM05a, SM05b, YJMT08, ZJ03]. **fluorescens** [CG08]. **Fluorescent** [CKPS04, MLG+03, NCÁSP06]. **fluorometer** [GFK00, SKH+01]. **fluorometry** [CEBMF05, Lan03, RSY04, SQTA07]. **fluorosensor** [HAES02]. **flushed** [TCP+03]. **flushing** [MCLM02, OS01a]. **fluvial** [ASS03, FAM+06]. **fluviatilis** [LB04a]. **Flux** [GCP+02, Lon00, All00, BNC04, BRW07, Bou04, BMH+08, BMWW08, BB09, BLG+07, CH01, DAL02, DS07a, FLWP09, LSPC02, LMSE05, MSLH02, MWE+03, NHTF01, RFW08, RHJ02, SSH+09, SKTD04, SR02, SR04, SlBWC+00, SVB+08, SBM04, VRS09, VTR03, VTO+05]. **Fluxes** [BSS+01, SKR01, ACD10, BNM+09, CGD08, HKD01, HSB+04, JFH+05, JHW05, KCSM07, Law08, MTC+06, MdG08, MWE+04, NFFK00, Plo01, Plo08, RlBW01, SI01, SBC+08, SH10, STG+07, SWML08, SLL+04, TVL+00, TMA03, dBSN+06]. **flyash** [BRB+01]. **Focusing** [NDP+07]. **following** [AD05b, GFM+01, HGFS+05, HLL+06, MKG04]. **Food** [HB05, Law08, SH03, WBvE02, WvE04, ABJ+06, AFH07, AY08, ASH+06, AGKK08, BFS02, BFD+04, BFC07, BSMR08, BMBA07, BL07, BSG+08, BMNSK00, BvE07, CSWD07, CV05, CSK+00, CPCK00, CGWK+09, CCC+01, CLS05, DGH+07, DDL+09, DGV01a, DET04, DPC+08, EW07, FH09, HMSI06, HMS+04, Ham05, HSS06, HSB00, HTS+03, HW07a, HH05, JLH01, JSJ03, KAM04, KTG+06, KDO09, KHKS05, KTM01, LFFC06, LFPH07, MB00, MBK+09, MRM07, MBCB08, MGVM+06, MSJMN02, NH06a, NKE08, OHCP02, OAA+06, OHT06, PCC+07, PSHM04, QMS+07, RBMN03, SO07, SGPK07, SSvNH01, SAP+06, SPM04, SBS07, SAPA+02, SKBC01, SBR+06, SRKK08, STST07, SS01, SS04, SHS03a, TRT03, TJV01, THJ+09, VJ07, VR01, VMC+07, VZM07, VKvD05, VW01, VPA02, WSL+02, WWMB05, WH07, WLTF03, WLS00, ZHSJ09, vODL+09, vE02]. **food-finding** [KTM01]. **food-web** [vODL+09]. **foodwebs** [HL02]. **Foraging** [BL07, WM07, DG06, JS03b, JJP04]. **foraminifer** [GSFB02]. **Foraminifera** [AG03a, LEML09, NHN+05, Spe00, vHRB+09]. **foraminiferans** [HGBB08].

forced [NSH+09, WPV00]. **forces** [CSM+08, GDK03, HD03b, OD08, RKK09]. **forcing** [Cha07, ESA06, LLK05, LP07, MMKN08, PBMSG04, SSLE02, SLC+09]. **forecasting** [CLF+08]. **forest** [DTFL03, FKS+01, GRR+07, KJJ07, TYK+08, TMS+00]. **forested** [HBL02]. **forests** [GVT06]. **form** [BHMS06, RSS+03, RES+08, SHSH+07]. **formation** [BdBS+08, CR08, CPHM04, DNS06, KRM09, LU08, LV01, MMS+02, NDT07, NEC03, SMS07, SSM+09, VOG+08, ZWC+04]. **formed** [Plo08]. **Forming** [LL06, LCS02, PSJ00, RRBS03, Sar07]. **forms** [FAC05]. **fornicata** [MTC+06]. **fossil** [BLS+06, CPL+04]. **fostering** [MID+07]. **found** [TP03]. **founder** [FRO04]. **four** [RLM+08, TvdWdB04]. **Fourqurean** [EW03]. **fraction** [MPAS00]. **fractional** [Alt01]. **fractionated** [CEBMF05, HWYL07]. **fractionation** [AHR+01, BSC+09, CCCC07, CCC09, GR01, GSNH04, GSLT08, GDL+00, JGSB07, KTLS03, RZR02, SPW+05, VB00, VR01, WGLT05]. **fractions** [SM05b]. **Fracture** [KCCE06]. **Fragilariopsis** [KMvD+09]. **Fragilidium** [HHB05]. **fragmentation** [GYBA04]. **framework** [SCS+08]. **France** [DAC+07, MCL06, MWM+04]. **Francisco** [CTCT03, CGL03, CG03, CGL+04, CCH02, Leh00b, LRF07, LF09, MC06, NCC00, SH06, WKFP06, Kim05]. **Franklin** [WCB+06]. **Franks** [SMS09]. **free** [BdG02, FSM+07, HMJ04, LAN08, Lür03, MG08, MWH01, MSBHG01, RS01, THJ+09, dGB02]. **free-flowing** [THJ+09]. **free-living** [BdG02, FSM+07, HMJ04, MG08, MWH01, dGB02]. **free-surface** [LAN08]. **French** [APH+03]. **Frequency** [CC04, AWE07, BIIA03, GGIAY08, GBH+02, LPB06]. **Frequent** [BCSW07]. **fresh** [HU07, dSYL+08]. **freshly** [RFM07]. **Freshwater** [Cra07, AGL03, ARB+04, Alv07, BSSL05, BK01a, BGE04, BSL+07, BMNSK00, CT06, CWPL05, CF01, CMJ07, CLS05, DMJ09, DRSL07, FRO01, FRO04, GD00a, GJRM07, GHB+05, GVT+09, HZG07, HS04, HSLV05, HBS05, HBN+00, KAW05, KFW09, LFS+02, LBEP06, MBK+09, MAC+03, MGW+05, MSJMN02, NPE08, NRB08, NA03, NA06, PH07, RVP+09, RRH+03, RH06, ROP+02, RW02, RES+08, RC05a, RC05b, RBJ+06, SSH+07, SJH06, SJW03, SS01, SS04, SdB06, WSL+02, WS06, WS04, WST06, WSEL09, WBR03b, ZRL06]. **freshwaters** [SAE+08]. **Friday** [CC02]. **fringing** [JLP+08, RMK+06, THA01, TMA+01]. **fronds** [SHS01]. **Front** [GST+01, CFO+00, NDP+07, SLB+00]. **Frontal** [BTB+08, GRG02, BMH+08, SRZ04, SLKP05]. **fronts** [DMEPA04, HP03]. **frustule** [EH00]. **Fuca** [THL+09]. **fuel** [CPL+04]. **Fulfilling** [MW06b]. **fully** [LASR09]. **function** [Agr05, BPF+08, GSFB02, Hei08, Kir03, LVSW07, MVBM04, MZV03, OAA+06, PG00, TFNT07, VM05, ZLL+02]. **function-environment** [Hei08]. **Functional** [AK00, GDL+00, MA00, FB05, Hei08, RLM+08, RHJ05]. **functioning** [BKM05, LLT05, Nor04]. **functions** [MBF+03, OZM+01]. **Fundamental** [BVN+02]. **fundyense** [JTL01]. **fungal** [KVdB+04, New01]. **Furcilia**

[MAS+02]. **Further** [HPHT00]. **fusiformis** [LIE06]. **future** [AWE07, FS09a, HFZ+07, Boy01].

G [Kne02, Ris02, UGSMN01]. **Gadus** [KBD+00]. **Gaines** [SG02]. **galeata** [BRE02, JS03a, vE02]. **Galician** [SGG+08]. **Galilee** [RVP+09, KKS+01]. **Galveston** [HLCG07, THWS00, TWS01]. **games** [KL01]. **Gammarus** [DHKH05, GBL+04, ZB03b]. **Garda** [Sal05]. **Gas** [BDS+04, CW03, BSC+09, FUG02, NDT07, TN09]. **gaseous** [PAF+04]. **gassy** [TKBJ05]. **gastropod** [AM08, FMS04, PPL+02]. **gatunense** [SEL+02]. **Gdańsk** [WSBL06]. **gel** [DKA+03, DMEPA04, OV03]. **gelatinous** [AWE07, KKKT07, MCB08]. **gels** [ET08]. **gene** [CHW+01, FPZ09, FRO01, LPAQ+05, PCDB09, ZMJ+07]. **general** [SKM05]. **generated** [GGIAY08]. **generation** [PFL07]. **generators** [CTCT03]. **Genetic** [FRO01, GBL+04, DVV+07, HCH00, RA00, RNA06, SJR+04, VVD+09, ZRL06]. **genetics** [JGE+09]. **Geneva** [ASI+02, LMB05, PGM+09]. **Genome** [SMA00]. **genomic** [RSS+00]. **genus** [WGKE04]. **Geochemical** [BLWB08, DD09a, KCCE06, TCL+09, BNM+09, LvdB09, LWB+01, MBC06, RMG+04, ZC02]. **Geochemistry** [BCC+04, Can00, FS00, NK05, RLC+01, SFB+09]. **Geographic** [HBG00, NFFK00]. **geology** [RPR+08]. **geometry** [RS02, ZB03a]. **geomorphic** [SFC+00]. **Geophysical** [Caf01, Dow02]. **George** [Gou01]. **Georges** [ODR+08]. **Georgia** [LAN08, AW00a, AW00b, Cra07]. **geostrophic** [CFO+00]. **geothermal** [SO07]. **German** [TKBJ05, JHW05]. **Germany** [CCCC07, CCC09, MLPS09, WBP+06]. **get** [JKLR08]. **Ghent** [Gou01]. **giant** [FSB+08, GRR+07]. **Gili** [Wan02]. **Gironde** [DAC+07]. **GIS** [HBG00]. **Glacial** [CWJ09, GMRD04, SCY00, TMUW02]. **glacier** [BSS+01]. **glacier-fed** [BSS+01]. **glass** [YWR+07]. **Glider** [DORS08, GJT+08, NEE08, NCPd08]. **gliders** [BF08a]. **Global** [HB03, Lee01, Lon00, MSVS+07, MV03, BJBA03, Cal01, Cul06, DPC+06, MLRMR09]. **globally** [XLF+03]. **Globigerinella** [LEML09]. **Globigerinoides** [LEML09]. **globosa** [DK06, EPS00, TJV01]. **Gloeotrichia** [VMS09]. **Glover** [SGLT08]. **glucose** [SWSJ02]. **glucosidase** [AH02]. **glutathione** [DGL+04, HMB06, TSKA05]. **glycoproteins** [YT03]. **gobiid** [OKO+01]. **governing** [RBW09]. **governs** [OS01b]. **gracile** [TGF00]. **gradient** [BMT+04, BDK+06a, BdG02, CSK+00, CS06, DMEPA04, FF04, FSS+00, GCM+09, GK03, JCBA08, KB07, KLWS08, KVR03, LFFC06, LZ09, MH00, PDB03, SIH+06, SMP05, SNFT07, SWSJ02, SLL+04, TLS01, TSMB05, dGB02]. **gradients** [BBCW09, CWC+07, DET04, FDP+08, FDH+01, HOFD01, HMR+07, MSH+06, SMA+06, SLS+02, WWWY05]. **grains** [SrL05]. **Grand** [HT03]. **granulata** [VOG+08]. **granulatus** [EMPI07]. **grass** [BZ02, DJH05]. **grasses** [BZH08]. **grassland** [SNFT07]. **gravel** [SA00, SFC+00]. **gravitoids** [GDL+00]. **gravity** [AI01, HBI01, PH03]. **Grazer** [TCC06, TBG01, FXL04, KDO09, SCP08, WDVA08]. **Grazer-diatom** [TCC06]. **grazer-induced** [SCP08]. **grazer-mediated**

[WDVA08]. **grazers** [FA03, GNU00, TJV01, TMP02]. **Grazing** [AVA+02, Cal01, CP03, CL04, CCS06, CPHM04, CLL+09, CCC+01, EKD+07, EW08, GMR+09, GGH07, GRB02, HBH00, HK01, JRS03, KSP07, Law03, LB00, MFF07, OLCT08, PG00, SK05, SMO07, VVD+09, WL06]. **Great** [JBM+07, MGH08, XLF+03, SHGM06, ARK+00, Chi00, FLWP09, GEP08, KDS03, LLvW+03, PGL06, PLMPN08, SSK06]. **greater** [LLF+09, SBR+06]. **Greedy** [HFLD03]. **Green** [MLG+03, GWH06, Lür03, NT08, OGR08, SBZ+09, VJV+03, VVD+09]. **Green-fluorescent** [MLG+03]. **greenhouse** [SCV04]. **Greenland** [KTAL04, RBJ+06, SM01, VJV+03]. **Greifen** [PWS09]. **gross** [AD05a, BW00, DdG09b, HHY+05, SAH+05, SAHS06, BW99, SMG06]. **ground** [Sta01]. **Groundwater** [CIWH09, KCV06, BSA+00, CBA01, CB04, Cha07, CDBC00, DBWS06, GGM03, GMMW03, HU07, HLD+03, HLK05, KM02, KH03, KC08, MSLH02, PSS+06, PBGJ09, RVP+09, RB09, SBC+08, SSA+04, SMGP06, THA01, TMA+01, dSYL+08]. **groundwater-augmented** [BSA+00]. **groundwater-derived** [CBA01, SBC+08]. **groundwater-dominated** [Cha07]. **groundwater-fed** [HLD+03]. **Groundwater-transported** [KCV06]. **groups** [BRT+03, CD03, KDMC05, LMSE05, YNCK04]. **growing** [GR01, GGP01, GM03b, WCGBG07, WWS+00]. **grown** [EM08]. **Growth** [AFH07, ASAC04, BGR+09, BCV+08, BPF+08, DBGR09, FKCF00, GD00b, HB03, RQB+00, SON+03, TGdB+01, TvdWdB04, YNCK04, AKE04, ABJ+06, ASGA+07, ALRM08, Ano04, ACW02, ABFS09, ASH+06, BSC+09, BB05, BSR+07, BMSA08, BGJ01a, BGJ01b, CL04, CC01, CF01, CLL+09, CG01, CG08, CLP+03, Cul06, DBS+04, DTM+08, DGV01b, DCMS03, DSW05, EKdF07, dSFFTD07, FMG01, GP00, HDSC09, HBH00, Har02, Har01, HHB05, HL06, HFZ+07, JS04, JVL00, JTL01, KNC+09, KB06, KLS+06, KLS+07, KLG09, KMC+00, KLL04, KTMM00, KSWC+03, LSPC02, LASR09, LB04a, LALE04, LLB07, LG04, LFPH07, LB00, LCPS05, LH06, Lür03, MHRW02, MGH08, Mar05, MBK+09, MFG+09, MML+08a, MPZ08, MF01, MF02, MNM+09, MC01, MB05, OIH+03, OLCT08, PP04, PQP05, PG00, PSJ00, PAS+05, PBGV04, RP06, RB06]. **growth** [RC07, SWSJ02, SP04, SSV+04, SWN08, SSS08, SWH+03, SEL+02, SH04, SH05b, SH07, SMDG04, TMK+07, TJV01, TSH+06, Too01, VW01, VPA02, WGKE04, WSL+02, WS06, WST06]. **guidance** [WW01]. **guide** [CK00]. **Gulf** [DBWS06, GGDC04, AKG+05, BW01, CG09, DS07a, FPZ09, FWM+05, GHM+09, GL07, Has06, HVP+07, KL00, KHH+03, LAG+03, MLC+07, MKK04, MKVK05, MH04b, McM00, MBH+06a, MBH+06b, SBC+08, SRT+03, SMGP06, SMO07, SBM04, WSBL06]. **Gullmar** [Cro03]. **gut** [GM04a]. **guts** [BSSL05, CMQ+00, LKM03]. **Gypsum** [PSS00]. **gyre** [NEE08, VD08, ZMJ+07, BNK02, BK03b, CDK02, CLAK08, GAM+01, HPLG09, LKAB04]. **gyres** [Mar05].

H [AE08, Caf01, ORH01, VTO+05]. **Håkon** [dBSN+06]. **Habitat**

[PVD+07, FL08, GRCS06, HPT+09, HLNM+03, KK00, MDJ+04, PVD01, SWD+05, SF04, VHL+04, vdHPH+09]. **habitat-specific** [VHL+04]. **habitats** [ARO+04, DJH05, HK01, JS03b, LRS+03, SJW03, WGN+08]. **Haddock** [AE08]. **half** [TvdWdB04]. **half-saturation** [TvdWdB04]. **halibut** [FL08]. **halides** [HBN+00]. **Halimeda** [SSV+04]. **Halisarca** [dGMH+08]. **Halocaridina** [CRY+08]. **halocline** [EDF+03]. **halogen** [HM09]. **hamatus** [Goe08]. **Hampshire** [WBR+03a]. **Handbook** [Bel01]. **handling** [HK06]. **Haptophyceae** [Leg01]. **Haptophyta** [Leo08]. **Harbor** [CHB08, CBH08, CC02, RB01b, TRF+06]. **hard** [FLWP09, JM02, MWW06, TG09]. **hard-water** [FLWP09]. **harmful** [BGR+09, BGC04a, CFG07, EJL+06, PMK08, SWH+05, SH03]. **harpacticoid** [KKT05]. **Harrison** [Wro01]. **hatch** [BCBS04]. **hatchability** [BSSL05]. **Hatteras** [GCP+02]. **Haunted** [DLDE04]. **Haven** [RB01b]. **Hawai'i** [GGM03, Par01, PBGJ09]. **Hawaiian** [CRY+08]. **Hay** [SG02]. **HCO** [BARS01]. **head** [AD05b]. **headwater** [HBM08, HTRM+07, LVSW07, LZ09, WWMB05]. **health** [CK00]. **Heat** [JKLR08, DOE+06, JLB+06, SKTD04, ZJ03]. **heat-induced** [ZJ03]. **heavy** [CSK+00, OFKH01, RB01b]. **height** [MKM06]. **Helgoland** [WMW+08]. **helgolandicus** [IHH+00, IHHH00]. **helium** [CH01]. **Hemiptera** [HGB00]. **hemistoma** [CCGH05]. **Hemminga** [Fou02]. **hemprichii** [SHBM01]. **Henlopen** [HU07]. **herbivore** [Har02, SS01, SS04]. **herbivorous** [dSFFTD07]. **Herbivory** [AP00c, WW00, BF08b, CT06, JM02]. **hermatypic** [LMPY00, SE06, SLDE09]. **herring** [AH03]. **Heterocapsa** [KHH+03]. **heterocystic** [CPHM04]. **heterocystous** [MHKP02]. **Heterogeneity** [LRYS06, HSCF06, KNH00, LH05, MAM07, Ost03, PHF03, PCDB09, RM09b]. **Heterosigma** [BGC04a, LCS02, SNM+08, TDT01]. **Heterospecific** [Goe08]. **Heterotrophic** [RlBW01, AGMP04, BRT+03, BMCvE06, CKPS04, CNGV09, Coc01, CJB00, DAA+01, GLP+08, GAPR06, GNU00, HH04, JS04, KHP+06, LN02, Nil03, OBSD04, RC07, SRZ04, SR07, SMH+06, SWH+03, TRT04, WNAW09]. **heterotrophs** [RH06]. **heterotrophy** [ÁÁS07, CPCK00, RBC00]. **Hexactinellida** [YWR+07]. **hexafluoride** [PLK+05]. **hexafluoride-based** [PLK+05]. **Hg** [GKS+02]. **hidden** [PHF03]. **High** [BIIA03, CMQ+00, FDH+01, GKJ04, GBA00, GZY+08, HPE01, KJH03, LPB06, MSL+03, NDT07, NAH+08, SLJ00, ARK+00, AY08, BM01, BRL03, BSS+01, CMSVA02, CTWFP06, DZL+03, ES00, EB01, FSBB05, GGIAY08, Har02, HTWG08, JGSB07, KKH06, LBW+08, MPGB08, MMLH06, MSVAC04, MBPVR06, NSM09, OHUB00, RB08, RA06, Reu02, RM04, SMC03, SCM08, SHS03b, TVSS01, TMA+01, TBH07, VRC07, WDVA08, ZWC+04, MVA+09]. **high-** [FSBB05]. **high-affinity** [JGSB07]. **high-altitude** [BSS+01]. **high-elevation** [NSM09, SMC03]. **High-frequency** [BIIA03, LPB06, GGIAY08]. **High-latitude** [NAH+08]. **high-light** [MPGB08]. **high-molecular** [BRL03]. **high-molecular-weight** [EB01, RA06, ZWC+04]. **high-nitrate** [MMLH06]. **High-resolution**

[FDH+01, GBA00, KJH03, MSL+03, NDT07, BM01, DZL+03, ES00, OHUB00, SHS03b]. **higher** [KAM04, WAB+08]. **highly** [CR06, FRO04, HMS+04, HDVB01, TWS03, VMC+07]. **hillebrandii** [MHDH00]. **Himal** [SCY00]. **Himalaya** [SCY00]. **Himmerfjärden** [BEM+02]. **Hiroya** [Gou01]. **Historic** [SSK06]. **historical** [CCKC05, JGE+09, KSS+07, PLG+02]. **histories** [BB03]. **History** [EBS07, BCMR00, CWPL05, CHW+01, HCH00, KR08, MB00, MGVM+06, RRCP03, Sak00, SD05, SPW+05, TBHS01, VAS02]. **Hoare** [VH06]. **Holarctic** [TIH02]. **hold** [KHKS05]. **Holocene** [CPGC09]. **hologrammetry** [RWFK00]. **holomixis** [SKTD04]. **holoplankton** [BH02]. **holosymbiont** [DOE+06]. **Holthuis** [CRY+08]. **Holzmaar** [MLPS09]. **Homarus** [Ann05]. **homing** [TGF00]. **homology** [RSS+00]. **Hook** [SWD+05]. **Horizontal** [MWH01, SIK07, SI03, PF01c, RS09, SWSJ02]. **host** [BAPMMB01, BRE02, FBW+08, GFPG09, GCG05, Hol00, TGFPT08]. **host-symbiont** [GCG05]. **hosts** [GF02]. **hotspot** [vODL+09]. **hours** [TG03]. **Hudson** [ACD10, TWS03, dGP08]. **hudsonica** [BB04b]. **human** [BEW+00, RMG+04]. **human-induced** [BEW+00]. **humans** [LFA+09]. **Humber** [DNS06]. **Humboldt** [HHW+02]. **humic** [AG03b, HPHT00, JMBJ01, KHP+06, KJMJ03, LvdB09, OH00, SBL06, VSSTS00]. **Huron** [BDNF01]. **Hurricane** [TSML07]. **huxleyi** [BTdB03, DNB+04, DA05, EZA+05, EMWL06, EKD+07, EW08, FHB+09, GRV+09, GD01b, LGN+06, Leo08, LMT05, MAL08, RZR02, SXLM06, SWH+03, TSG+01, TLrR07, XTSM07, vdPVB07]. **hyalina** [JS03a, SD05]. **Hyalodaphnia** [SJR+04]. **hybrid** [BvE07, KS04b, SBS07, WKB+04]. **hybridizing** [KWTS07]. **hybrids** [HD09]. **Hydraulic** [FS00, LB04b, RB03]. **Hydroclimatic** [BRP+06, LIE06]. **Hydrodynamic** [FAM+06, HL06, JTAM09, OD08, RKK09, BNM+09, HW09, JGE+09]. **Hydrodynamics** [Bat00, CTR+02, Fol05, Ano08a, MPB+08, NA06, SP09]. **hydrogen** [CYN05, PLM+09, PM08, RKGC+01, TDT01]. **Hydrogeomorphic** [BSG+08]. **hydrographic** [DMEPA04, SGLT08]. **hydrographically** [HLGI08, MHK+07]. **Hydrologic** [Cha07, HBAK09, RB03, GMRD04, MS06, SDJT03]. **hydrological** [CJ08]. **hydrologically** [VWPP+06]. **hydrology** [PLM+09]. **hydrolysis** [Arn00, MGL02, ML09]. **hydromedusa** [CCGH05]. **hydromedusae** [CC02, HK06]. **hydrophobic** [TLM04, VOG+08]. **Hydrophobicity** [TM05]. **hydrothermal** [AM08, CH01, CSP+01, CMCB+09, Jun01, Met04, RKGC+01, RSS+03, SWD+05]. **hydroxamate** [KTMM00]. **hydroxyl** [PBGV04]. **hyperborea** [ST03]. **hypereutrophic** [DGV01a, DGV01b, GSH04, VOG+08]. **hypernutrified** [DNS06]. **hypersaline** [LAHdBJ05]. **Hyperspectral** [JP03, APH+03]. **hypertrophic** [TB05]. **hyphomycete** [BB04a]. **Hypolimnetic** [MHB03, JLB+06, KNN06, ME06, RENA06]. **hypolimnia** [RM09a]. **hypolimnion** [MED+08, UL05]. **hypolimnion-related** [MBDL01]. **hyporheic** [FVD01, FSSH03, HDP09, SA00]. **hypothesis**

[AKE04, AKG+05, dSFFTD07, KHKS05, KW04, KLWS08]. **hypoxia** [DS07a, Dow02, LBG+09, MJEM06, RHCS08, SRT+03].

IA [SHSH+07]. **Iberian** [ÁSGMP01, CFG07]. **Ice** [Boy01, HM08, BJG+00, BGV02, BGHA04, DJB+07, FS09a, JBM+07, KSS+07, LLB04, LA09, MVA+09, PTK+07, PL09, PDS05, PCD+08, RG04, SKC+01, TS08, VGP+08, WSNH06, WCM09]. **ice-covered** [PCD+08, VGP+08, WSNH06]. **ichthyoplankton** [STK+04]. **Idaho** [DFBA07]. **Identification** [GHM+09, JL08, MKK04, MHB01, Dix00]. **identify** [GCG+02, RBW09]. **Identifying** [RLM+08]. **identity** [BA01]. **II** [GKS+02, RWK08, WKSM08, AMS+02, ASH+06, Coc01, JHW05, OHUB00, RSS+03, SWS+03]. **III** [BRT+03, CT05, NKS+02, RW02, BVWB07, MAS+02]. **Illinois** [WGN+08]. **Illumination** [CLL+03]. **Ilyanassa** [FMS04]. **imagery** [DZL+03, MSL+03, SHS03b]. **imaging** [OHUB00, WdBD+01]. **Imbalanced** [TMK+07]. **immersion** [HBH+06]. **immigrate** [KAW05]. **immigration** [PW01]. **Impact** [BZ02, PGP01, BJW+02]. **Impacts** [GRB02, DAL02]. **Implication** [GM04b, HST+02]. **Implications** [AG03b, BST+05a, BGV02, Ber01, BBKC03, BRS01, BLBB07, CRJ08, DR06, Fab06, GBL+04, GFM+01, GSH04, HABF03, HLL+06, HFZ+07, IKT03, JLB+06, JB00, JS03b, KHM04, MTC+06, MC01, PNPA04, PIF08, RA06, RTT+02, SXLM06, SABA02, SSM+09, SdB06, SH00, TS01, VR01, WGD+02, YPBL07, BFD+04, BSSL05, CV05, CA08, Duf09, FB05, Gay00, GLVFH09, HA08, KM02, LB04a, MH00, Par01, PSJ00, PH03, RCL+02, RC07, SH10, SMP+01, TB05, THA01, WLRT06, WS06, WSKL06]. **Importance** [CMSVA02, GGRJ03, LLB07, MRM07, PW03, QSH+02, ZSS+08, AR06, AH01b, BFC05, Bou04, CNGV09, CCM07, GJS01, HSB00, HLP08, LFFC06, ML02, SGR08, SKR01, SMGP06, SR02, SP04, SR04, VMC+07, WNP04, ZLP+03, dVKT+09]. **important** [DBWS06, Goe02a, PSS+06, PN06, WA01]. **impoundment** [HLL+06, MPA+07]. **impoundments** [DPC+06]. **improve** [JJP04, Sos00, VW01]. **Improved** [WAB+08]. **Improving** [BMSA08, SF04, RL07, TSH+06]. **IMS** [Ano04, KSWC+03]. **IMS10** [MB05, PM08]. **IMS101** [MC01]. **In-channel** [ED05]. **in-stream** [HDP09]. **in-water** [SSMM00]. **inactivated** [RHW00]. **inactivation** [KMHN07]. **including** [MY05]. **Incorporation** [KNE08, BFD+04, CD03, EH00, KJ00, TS00, VEMM07]. **increase** [HHS05, HW09, LHWE01, MD09, PD02, WJA+07]. **Increased** [AG03b, BCDH09, Ham05, LNB02, NRB08, LGJ02, MSVS+07, SPM04, TYK+08, TKK02]. **Increases** [OOB09, AWE07, AE08, CDK02, Had08, SNPK+09]. **Increasing** [VMKN03, FL06, GCM+09, RG08, WK09]. **incubations** [MPACG01]. **independence** [dGP08]. **index** [HSB+06, WIK08]. **India** [BMD+04]. **Indian** [MCJ+06]. **indicate** [HBF+06, HMD+07, PAS+05, SMA00]. **indicated** [GJS01, HPAH+02]. **indicates** [JHW+07]. **indicating** [DST08].

indication [MBW+01]. **Indications** [PVD+07]. **indicator** [HP06, HPHT00]. **Indicators** [Kra05, DdG09a, HSR+08, HMR+07, IR06, KK00, RG07, TRF+06]. **indirect** [EMPI07, HGB00, HMD+07]. **indirectly** [Har02]. **Individual** [DG06, HKF01, DKKA09, GHN+02, Has06, KKT+07, OHUB00, PE07, RWFK00, TBF04]. **individuals** [HKF01]. **Indonesia** [AJS07, COK+08, SHBM01]. **induced** [BEW+00, BST+05b, CWLH06, DMS+03, ESSS01, FHDKR03, FB05, GN00, HHS05, HDP09, JVL00, KBL08, LA06, LPW05, MCJF09, MGGM06, RK02, RHN+02, RH03, RMG+04, SCP08, SSS08, SQTA07, UM05, VAS02, VTO+05, VM06, WBH03, WAGH09, YYTH07, ZJ03, vWBT09]. **induces** [Gil03]. **Inducible** [LBT06, CF05]. **Induction** [SS03, GRDCS09, LV01]. **Inertial** [Mor06]. **infaunal** [MW02, TPFS09, WMWV04, ZLP+03]. **infected** [EW08]. **Infection** [Hol00, BVN+02, BVG+07, CDD07b, WAGH09]. **Infectious** [EMWL06]. **infer** [HW07b, SGPM09]. **inferences** [CFO+00]. **Inferred** [GCM+09, CPB+08, DPC+08, RNR08, SSK06, TvG02, vdSvdSG+00]. **inflow** [AELS04, BI07, HLK+07, Kra05, LTHW04]. **inflows** [RM09b]. **Influence** [BS03, CWJ09, CF01, CPH06, CLP+03, CHT02, DTL+05, DFBA07, DGM+05, FSM+07, JDS08, LB04b, MAL08, NCO02, TSDK+09, WV00, WPD+01, ZJC+07, dCCL09, AD01, BSJ02, BBP+06, BFCLÁ08, BDNF01, CSWD07, CTR+02, DGH+07, EKdF07, HDP09, IHHH00, KD02, KLG09, KN07, Leh00b, LG04, MPJ08, MCB08, MTM+01, MML+08b, Nil03, PTLJ01, RM06, RGAS04, RHJ05, SA09, SSV+04, SJW03, SC08, SŻKL08, TNM+01, VPA02, WLP+07, WM07, ZB03a, dlFSIN08]. **Influences** [CW01, EBS07, LVSW07, SSAZ01, AS00b, Ber03, BDK+06b, FKS+01, HFE07, HB08, KTM01, NSM09, PVP+06, Rit09, WPW+09, WW02]. **influencing** [BSM01, DKA+03, HDWDD09, SNM+08, ZW06]. **Infochemical** [VZM07, JJT07]. **Infochemical-mediated** [VZM07]. **information** [HBG00]. **infrared** [BS02a, DRM+09, RDPM06]. **Ingestion** [RCD+05, Fra01, NHN+05, SDC00, TFNT07]. **inhabiting** [AVA+02]. **inherent** [BZ03, GSO03, HDFM08]. **inhibit** [KNC+09]. **Inhibition** [SWS+03, SEL+02, JVL00, YS06]. **Inhibitory** [MS05]. **Inhomogeneous** [MS03]. **Initial** [Sar07]. **initiate** [JCK+08]. **initiated** [TKAW03]. **initiation** [PLK+05, SNM+08]. **injection** [KLF+03]. **Inland** [TMYH02, Boo00, SPG05]. **Inlet** [Tun00, LB04b]. **inner** [GZL02, MSSW+07]. **inner-shelf** [GZL02]. **Inorganic** [RlBW02, SDJT03, TRM00, TMC06, TPG+08, TSML07, ASS03, BTS+06, CWWS00, CLPB02, CSK+07, DGH+07, EPS00, GGS06, HDVB01, JR07, LTM01, LJCM08, Lee01, MOK+03, MCPP06b, MPZ08, NA03, NA06, NP01, NH06b, PSS+06, RBC00, SMH+06, SWML08, TM02, TMA03, WC04, WKH+06]. **input** [CBA01, Cra07, KM02, RG02, WHC+06]. **inputs** [AMS+08, DBWS06, ET08, EBS07, MSVS+07, MBPVR06, NSM09, RORR+09]. **insect** [Wur07]. **insectivorous** [MID+07]. **insects** [MIDH05]. **inshore** [FDP+08]. **Insight** [Cha07]. **Insights** [BJBA03, PWS09, SFB+09, SHA08, SAP+06]. **inspired**

[BK07]. **instabilities** [GAM+01]. **instantaneous** [ASAC04]. **Institut** [Wan02]. **instrument** [GTK+01]. **instruments** [KDS03]. **intact** [TN09]. **integrated** [SAS08]. **Integrating** [SDJT03, SCS+08, VVSM09]. **integration** [SS01, SS04]. **integrative** [Wro01]. **integrator** [PSS00]. **integrators** [Sch09, WSVS09]. **Intense** [CJB00, GMR+09]. **intensities** [MBC+05, TLrR07]. **intensity** [DKKA09, HH04, PVD01, Shi04, SCM08]. **intensively** [PWN07]. **interact** [MW06a]. **Interaction** [CWC+07, HSS06, MPB+08, CMSVA02, FMG01, LJCM08, MSAC06, Sar07, STC03, WA01, Ano08a]. **Interactions** [AVJ+00, CGH+04, FMG+08, MLSS05, NHPHH08, WdMD+00, BBCW09, BRE02, BRM+07, BI07, GL07, HHB05, HL06, HH04, KBE+04, LW02, PCvRR00, PvE00, SWH+05, TJV01, TBG01, VMS+04, VZM07, Mil02]. **Interactive** [DSW05, DGD04, Ham02, HB08, WSL+02, AY08]. **Interannual** [HB06, LBB+04, LHB04, NBW+02, PBMSG04, SKJ+07, SJ00, ASI+02, DBTK02, LAJ+04, MLPS09, PVD01, Pil04, Sal05]. **Interbasin** [UL05]. **intercontinental** [HCH00, HWA03]. **Interdecadal** [SRL+09, MMKN08]. **Interface** [BMH+08, BNM+09, GMMW03, HFDO05, LMMW03, MCvEH08, MCJ+06, SLHK02, SSAZ01, SDV+06]. **interfaces** [CGCPA08, GTK+01]. **interfere** [HTS+03]. **interfering** [DGV01a]. **interflow** [CWLH06]. **intergenerational** [HR03]. **intergenic** [WGKE04]. **interior** [BMWW08, PPH03]. **interlake** [MM03]. **interleaving** [LCLP02]. **intermediate** [BCV+08]. **Intermittent** [BMWW08, LA09]. **intermolt** [TSH+06]. **Internal** [EMK08, LMB05, AIS00, AI01, AI03, BIIA03, BII05, GGIA06, GGIAY08, HISW00, LPB06, MCJF09, MBF+03, Mor06, PDM+09, SKR01, STG+07, SI08, SSV+04, TG03, UL05, VCCS05, VRC07, dlFSIN08]. **interplay** [LAG+03]. **interpretation** [BPLH04, LW01a, SF04]. **Interpreting** [HR07, HL02, OHCP02, TB05, AWH07, OSDB07]. **interreplacement** [XTSM07]. **Interspecific** [RHM04, LH06]. **Interstitial** [All00, ZWHP04]. **Intertidal** [CWWS00, BBG05a, GBA00, Har02, HH03, HD03b, HR00b, KNC+09, MBB+00, NBW+02, PDR+09, PSH08, Rit09, RLJdB08, SMA+06, SMP05, TMG03, VvOBM06, VEMM07, WBP+06, WW02, dBWF+05, vOMSM06a, vOMSM06b]. **Intestinal** [RCD+05]. **intracellular** [BS03, TMC06]. **intraguild** [MDJ+04]. **intraspecific** [GKJ04, LH06, RHM04]. **Intrinsic** [OLCT08]. **introduced** [AHF+05]. **Introduction** [DIMP08]. **intrusion** [DCC+01]. **intrusions** [RHN+02, WRG+05]. **inundation** [GK03]. **invader** [BJW+02, MGH08]. **invasion** [CHW+01, DPK+00, FS09b, FHBK06, GLVFH09, HBG00, HBM06, MDJ+04, MVD05]. **invasions** [GJRM07]. **invasive** [BFC07, GSA+05, MTC+06]. **inventories** [CDK02, FNLG00]. **inverse** [FSK+04, MKV01]. **Invertebrate** [SA00, BDvO+03, BFML05, DL00, FRO04, GJRM07, Kiø00, MD09, QLD+02, TMP02]. **invertebrates** [BBG05a, FS09b, GM04a, HBF+06, LW01a, NBW+02, SLB+00, TSA09, VMJ08]. **investigate** [PF01b]. **Investigating** [EKdF07, IR06]. **Investigation** [LMBP07, ZRL06, MCPP06b, RRH+03]. **investigations**

[SFB+09]. **iodate** [TKAW03]. **Iodine** [dlM09, HM09, TKAW03]. **iodocarbons** [HMNL06, HMT+08]. **ion** [TF00]. **ionization** [SHL+05]. **ions** [OHT06]. **Ireland** [BLG+07]. **Iron** [Ano04, BFCS+01, BRS01, BDK+08, BAP+05, HMR+07, KSWC+03, LDC+01, LCPS05, MBL+01, MC00, MMLH06, OBSD04, RTT+02, TBF04, ACW+03, AWLH04, BM00, BSR+07, BGC+04b, BST+05b, BJD05, BLBB07, BB07, CT05, Car01, CSE+08, CFMH01, CW01, Coc01, CLP+03, CCC+03, Cul06, DGM+05, ET08, EH00, ESSS01, FSBB05, GRG02, HHB+09, HPL+06, HB08, HHW+02, JCBA08, KS04a, KTLS03, KMC+00, KA06, KTMM00, KSM+05, LvdB09, LTM01, LJCM08, LBC+04, MAC+06, MCPP06a, MH07, MW06b, MKS08, NKS+02, NP01, NGS+07, PP04, PQP05, PTKP00, PRKHW04, Pri05, SRNW06, SKM05, SH05a, SH04, SLS+02, TGdB+01, TvdWdB04, TWR04, UWA+07, WJMD07, WAGH09, WTC+05, WHC+06, NKS+02, RWK08]. **iron-deficient** [PP04]. **iron-induced** [BST+05b, WAGH09]. **iron-limited** [Car01, Pri05]. **iron-rich** [PTKP00]. **iron-storage** [CSE+08]. **Iron-sulfur-phosphorus** [RTT+02]. **IRONAGES** [BVWB07]. **IronEx** [Coc01]. **Irradiance** [FQR+06, BGV02, Fab06, FMG01, JTL01, Kir03, WW00, Zim03, vdPVB07]. **irradiances** [MW06b]. **irradians** [TG09]. **irradiation** [MSHE09, Shi04]. **irrigation** [GGDC04]. **Isaza** [OKO+01]. **ISBN** [Bel01, Boy01, Bri01, Caf01, Dow02, Elm02, Fou02, Gou01, Jun01, Kne02, Mil02, Pom01, Ris02, SG02, Sta01, Wan02, Wro01]. **Island** [BBG05a, HLK05, LRS+03, NK05, PBGJ09, ZVRL03, STK+04, Ano08b, CSG+06, WIK08]. **Islands** [CRY+08]. **isolated** [BGJ01a, BGJ01b, TGFPT08]. **Isolation** [CT02, Goe08, HMD+07, KWTS07, ZRL06]. **isolation-by-distance** [HMD+07, ZRL06]. **Isopoda** [ZB03b]. **isotope** [BMD06, BHV04, CCKC05, CCH02, CCCC07, CCC09, CT02, CRF01, DBS+04, EVW07, ES00, Fin04, GR01, GMMW03, GSNH04, GSLT08, GJS01, GKJ04, GCS06, HAA09, HLD+03, HBF+06, HM06a, HB06, JGSB07, KTLS03, LW01a, LBG+09, LBC06, MT06, MM03, MBCD04, MCC02, NDT07, NEC03, OKO+01, PDH06, PWS09, RVP+09, RH01, RSS+03, RZR02, Sch01, SAS+03, SHSH+07, STST07, SPR02, TB05, TMA+01, TBH07, TTG+09, TR03, VVSM09, YPBL07, vOMSM06a, vOMSM06b]. **isotopes** [BRB+01, BCMR00, BLS+06, CBA01, Cha07, CPB+08, CH01, DBE08, DPC+08, EPP+08, HPLG09, HL02, KM02, Kra05, KH03, LBSY02, MBR08, MLPS09, NH06a, OHCP02, PLM+09, RPR+08, RB01a, SAH+05, SAHS06, SAS08, SAP+06, SVPK+09, VM06]. **Isotopic** [DES03, LM02, MVFD04, MAM07, Sch00, Alt01, BSC+09, BKM05, CYN05, EPS00, FHBK06, HVP+07, IR06, KF01, LBB+04, LWP+07, LRYS06, MCPP06b, MVBM04, MMW00, PKKB05, PHF03, PCD+08, VMS09, WKFP06, WBD02, YTVR07, ZWC+04]. **Israel** [HPE01, HAA09, KKS+01, NEC03, RVP+09, SEC08, SMGP06]. **ISSN** [Wan02]. **Issue** [DIMP08]. **Issyk** [HPAH+02, LWB+01, PFH+03]. **Issyk-Kul** [HPAH+02, LWB+01, PFH+03]. **Italiantartide** [Smi00]. **Italy** [BMU04, HAHS+09, Sal05]. **Ivory** [LJ09]. **ix** [Gou01]. **Iyo** [KKKT07].

Iyo-Nada [KKKT07].

J [ACD10, Bel01, Elm02, Mil02, Ris02, SMS09, Sta01, Wan02, Wro01]. **Jamaica** [AP00c, GGS06]. **Japan** [GTS+09, GSB+09, HHY+05, KKKT07, MS05, OKO+01, SAH+05, SAHS06, SNM+08, TMYH02, YYTH07]. **Jeju** [HLK05]. **jellyfish** [AWE07, BBJ+06, DKKA09, Had08, KKT+07, LHB04, RG08, WPW+09, AE08]. **Jersey** [Agr05]. **Jesogammarus** [INU04]. **Ji** [KHK+03]. **Joaquin** [MSJMN02]. **Joint** [Lon00]. **Jolla** [WV00]. **Jones** [Sta01]. **jouinae** [RB08]. **Juan** [THL+09]. **Juncus** [KLSW00]. **June** [TAB+00]. **juvenile** [BFS02, FL08, GJB+04, GWR+09, HGB00, HNB+07, HL06, KN07, NA05, RRSC01, REL06]. **juvenile-adult** [NA05]. **Juveniles** [AMS+02].

Kahana [GGM03]. **Kaltenbacher** [BK01b]. **Karenia** [KHNV05, KSP07, PMK08]. **Karlodinium** [JRS03]. **karst** [BdBS+08]. **karst-water** [BdBS+08]. **karstic** [CSP+01]. **Kattegat** [CC04]. **Kawanabe** [Gou01]. **Keddy** [Bri01]. **Keeling** [KJJ07, MC04]. **keeps** [KWTS07]. **kelp** [FSB+08, GDK03, GRR+07, KNC+09, SHS01]. **Kenobi** [Gou01]. **Kenya** [BDSB07]. **KEOPS** [ET08]. **Kerguelen** [ET08]. **Key** [SWML08, AG03a, CDD07b, KLG09]. **Keys** [Ris02, LWP+07, SSV+04, ZSS+08]. **kilometers** [BL07]. **kindti** [MKG04]. **kindtii** [VKvD05]. **kinematics** [HW09]. **Kinetic** [RSS+03, SHSH+07, SC00, SKM05, WPV00]. **Kinetics** [HW07a, RW02, BR00, LLA05, LBC+04, NKJM06, QRF06, Shi04, SY07]. **Kingdom** [DNS06]. **kink** [Cul06]. **Kinneret** [HPE01, HAA09, RVP+09, SEC08, AI03, Ber01, BW05, DES03, GGIA06, HSB00, KKS+01, LBSY02, NIE+00, NEC03, Ost03]. **Kirchman** [Pom01]. **Kirghizstan** [LWB+01]. **Kivu** [LTHW04, PDM+09]. **Knox** [Kne02]. **König** [DDZ03]. **Korea** [HLK05, PLK+05]. **koreni** [JGE+09]. **krill** [ASAC04, AW00a, AW00b, AMS+02, ASH+06, MAS+02, MFG+09, ORFD+09, PAS+05, RFW08, SAS+03, SAP+06, SHS03a, TCR03, TSH+06, TKM07, WCM09]. **Kul** [HPAH+02, LWB+01, PFH+03]. **Kuroshio** [lLCChTO08]. **Kyrgyzstan** [HPAH+02].

L [Jun01, Wan02]. **L.** [DDZ03, MTC+06]. **L1** [TF00]. **L2** [TF00]. **label** [CT02]. **labeling** [BMD06, GHB+05, MBB+00, MMW00, VvOBM06, VEMM07, vOMSM06b]. **labile** [DB07, HTS+03, MMS+02, WWMB05]. **Laboratory** [BM00, Bea03, LH05, NCO02, WST06]. **Lac** [FAM+06]. **lactuca** [MB01]. **lacustrine** [HDSC09, SNPK+09, SF04, SMDG04, TTSC04]. **ladderane** [JHW+07]. **ladyfish** [MH04b]. **Lagoon** [BMU04, MCJ+06, AHF+05, BM03, DACG01, HLM08, TMA03, WKH+06]. **Lagrangian** [DIMP08, PLK+05]. **lagunensis** [LB00]. **Lake** [AIK04, BDNF01, CJ08, CRBF+06, DFBA07, DPK+00, HBCK03, IKT03,

KNH00, Kra05, LWB+01, MCJF09, MS06, RHK+09, RCE+02, WBR+03a, AVJ+00, AIS00, AD01, BCC+04, BD04, BPOT04, BST+05a, BGV02, BDK+06a, BRB+01, BSS+01, BSA+00, CC01, CSM+08, CMSVA02, CPGC09, CRC+03, CCKP02, CSP+01, CCCC07, CCC09, CIWH09, CW03, DTL+05, DT00, DR00, EPP+08, FLT02a, FLT02b, FH03, FUG02, GDB+09, GLP+08, GRdL+08, GRB09, GHTJ00, GGIAY08, GKJ04, GSH04, GCS06, HPE01, HB05, HZG07, Hei08, HLD+03, HAL+09, HISW00, HLP08, HLNM+03, HBN+00, HTWG08, HRS04, JLB+06, JSJ03, JBH+04, JM08, JMBJ01, KHP+06, KAJ08, KTAL04, KNN06, KHB+00, KMHN07, KT02, KCP+04, LVC+00, LPD+04, LBM+04, LFFC06, LH05, LD01, LP07, LA09, LPB06, MSGK06, MFK+09, MMDW09, MGH08, MED+08, MHB03, MKG04, MSC+04]. **lake** [MSVAC04, MMCW09, MLRMR09, MGMW06, MGVM+06, MS05, NSM09, NHPHH08, PCC+07, PBMSG04, PLG+02, PSLO07, PS06, PGM+09, PLM+09, PL09, Pil04, PAF+04, PCD+08, RVP+09, RA09, RM09a, RCVK09, RS01, RC05a, RC05b, RM09b, RBJ+06, SI01, SCY00, SSvNH01, SEC08, SKR01, SKJ+07, SKTD04, SIK07, SI08, SHGM06, SDKZ+09, SDH02, SSJ07, SFL05, SI03, SJH03, SMG06, TYK+08, TS06, TB00, TB05, TCD+03, TMB07, UL05, VSSTS00, VHL+04, WR00, YPBL07, vWSBT08, ALH01, AHHH+07, ASI+02, AI03, ABDS04, AC08, BHVC05, BHVC06, BVK02, BJW+02, Ber01, BW05, BSS+01, BLHC08, BH07, CWJ09, CH01, CCCC07, CCC09, COK+08, DES03, ES00, FCJ+06, GGIA06, GNU00, HPE01, HAA09, HBG00, HSS06, HSB00, Har01, HHB+09, HHT01, HBS04, HPAH+02, HAHS+09, INU04, JGZ+08]. **Lake** [KGYU06, KBG+08, KKS+01, KSS+07, LPD+04, LBB+04, LBM+04, LMB05, LTHW04, LBSY02, MRK02, MBF+03, MMW06, MGH08, ME06, MSVS+07, MMPA04, MMO06, MHB03, MLPS09, MS05, NIE+00, NGS+07, NEC03, OKO+01, Ost03, PDM+09, PBM+07, PWS09, PFH+03, PED+09, PGM+09, Pil04, RSC04, RHCS08, RKWG00, RKH03, RMG+04, RJS+03, Sal05, SAH+04, Sch06a, SDG+07, SEC08, Sos00, SSM+04, TTSC04, UGY+00, UVY+01, VMH+01, VH09, VBH+05, VH06, VM06, WSNH06, WMRK06, WRG+05, ZZPP01]. **Lake-wide** [RHK+09]. **Lakes** [AOZ+09, Mor06, Sch09, TDC+09, WSVS09, ACD10, AG03b, AI01, AB07, ARK+00, AKP+09, AKH04, BCC+04, BSMR08, BP03, BCSW07, BLJ09, BBJ05, BT00, BHMS06, BGE04, BIIA03, BII05, BBP+06, BMWW08, BLS+06, BLSQ07, BS01, CKPS04, CPV00, CSSNA02, CGCPA08, CSK+00, CA08, CS06, CPCK00, CCKP02, CR10, CMC+09, COK+08, DGV01a, DGV01b, DET04, DHP03, DJG+06, DTFL03, DP01, DPC+06, DPFL09, ESSS01, EBS07, ESI01, FS09a, FHDKR03, FKS+01, FLWP09, FLPL08, GM03a, GDCG08, GP06a, GA00, GA01, GGH07, Gou01, GVT06, GV09, GH00, GHJ+05, HHS05, HC01, HBF+06, HABF03, HBM06, HMB06, Jan03, JPJS06, JJS+03, KCE+00, KTG+06, KJMJ03, KB05a, KJJ07, KFR+01, KLWS08, Kil00, KHK+03, LFZ+07, LVC+00, LIHS03, Law08, LCS+03, LBEP06, LFA+09, LB04b, LFAB06, LLK05, MNA+09]. **lakes** [MJEM06, MCPP06a, MPAS00, MPA+07, MdG08, MJ03, MIDH05, MID+07,

MBPVR06, MVA+09, MWW06, OZM+01, PC02, PGL06, PWS09, PLMPN08, PFN+05, PBC02, QMS+07, QLD+02, RSWH04, RORR+09, RAKE05, RENA06, RRD04, RB02, RS02, RS09, RYS+02, RLM+04, RHW00, SK05, SSvNH03, SLHK02, SFB+09, SH10, SMC03, SP04, SJ00, STP+07, SC08, SKC+01, TPM01, TYK+08, TXH05, TLS01, VJV+03, VMKN03, VM06, WHHS06, WSC+08, WS01, Wey04, WJA+07, WK09, WDL07, WM06, WBR03b, Wur07, XLF+03, vWBT09, JBM+07, SSK06, SDM+09, XLF+03].
Lambertian [CLL+03]. **laminated** [BVB03]. **Land** [WSNH06, ATJH08, AD01, BSG+08, FQH+01, GMMW03, HSB+04, KVR03, LVB08, PWH+04, PLMPN08, SDV+06, UMY+02]. **land-derived** [UMY+02]. **land-use** [PLMPN08]. **lander** [FDH+01]. **Landscape** [HSB+04, LBEP06, QLD+02, RPR+02, AD01, MS06, NSM09, RPR+08, RP06, SFB+09]. **Landscape-scale** [LBEP06]. **landscapes** [KTM01, Sch09]. **Langmuir** [MHLN01]. **Large** [ASGA+07, HLK05, LP07, NFFK00, PLW+08, PF01a, TLS01, Aks07, AIS00, AI01, BIIA03, BDK+06b, CCS06, CRC+03, DD09b, DGV01a, EGP08, FSSV08, FBW+08, GWH06, GM03b, GSJ+09, HLP08, JMBJ01, KGYU06, KNN06, LAJ+04, LPB06, MM05, MMKN08, PVP+06, PLG+02, RHK+09, RS01, RC05a, RC05b, SB03, TGdB+01, TvdWdB04, UHB+08, UL05, dGP08]. **large-bodied** [DGV01a]. **Large-scale** [ASGA+07, LP07, PF01a, EGP08, MMKN08]. **larger** [HD03b]. **largest** [Wey04]. **Largo** [SWML08]. **larvae** [AM08, DL00, Dix00, FSSV08, FMS04, GKJ04, HH05, MHLN01, MRM07, MAS+02, PC04, PDS07, PHMR+07, PDS05, PPL+02, RKK09, WBvE02]. **Larval** [GZL02, MK00, AM08, AHF+05, BPC06, BFML05, CTR+02, FNM07, GCP+02, HCC+02, JB00, JGE+09, MBDL01, Met04, MFG+09, SLB+00, TG09]. **laser** [MSL+03]. **Last** [CWJ09]. **Late** [KBG+08, NML+05, AS06, BJG+00]. **Late-winter** [KBG+08]. **Lateral** [KLF+03, MRK02]. **latitude** [LBW+08, LN02, NAH+08]. **latitudes** [LTGG03, RM04, TVSS01]. **Latitudinal** [GD00a, KFH+09, SMA+06, SRF+01]. **Laurentian** [JBM+07, MGH08]. **lava** [LTHW04]. **Lavaca** [BMU04]. **law** [HFDO05]. **Lawrence** [KCSM07, LBG+09, SMJ+06, GSG+05]. **Laws** [CP03]. **layer** [AVJ+00, BHVC05, BHVC06, BVWB07, BYF09, Bou04, CS06, GBFJ07, JWRW07, JPK+05, KJH03, LHWE01, LB00, LMMW03, MRK02, PW03, PN06, RMK+06, RHJ02, RHJ04, Sch06a, SSAZ01, SABA02, SR02, SR04, SMS07, SMS09, SSM+09, SI03, TG03]. **layer-associated** [TG03]. **layering** [SFL05]. **layers** [BBCW09, BB04b, DG06, LPW05, NA09, PSJ00, RM04, SGG+08, YM03]. **Lazarev** [MFG+09]. **Lead** [PFN+05, BRB+01, HSF+08, HD03b, RRD04]. **leading** [OHT06]. **leaf** [AMS+08, KLSW00]. **leaving** [DKRZ06, RDPM06]. **Ledvica** [VM06]. **Lee** [LRS+03, ZVRL03]. **legacy** [FCJ+06]. **leidyi** [Ano08b, CSG+06, GLVFH09]. **length** [ASH+06, RRS06, RS09, WGKE04]. **Leptocheirus** [SDC00]. **Leptodora** [MKG04, VKvD05]. **Leptolyngbya**

[STHG07]. **Lessons** [Fis00, AWH07, HR07, OSDB07]. **Lethal** [LWU+05, LL05]. **Leucine** [KJ00, CD03, TS00]. **Levantine** [MOK+03]. **level** [AS00a, BGC04a, GCM+09, HB05, HH03, RB02, SSK06, SHL+05, VWPP+06]. **levels** [BF08b, CMH+08, GCG05, HWL+00, KAM04, LPD+04, MGRE+07, NA09, OHCP02, RP06]. **liberating** [LMZB08]. **Life** [CWPL05, HRA07, RRCP03, SD05, SMDG04, VAS02, AR06, BB03, BVB03, BCMR00, HKNG08, JKS04, KKT05, LWS01, MB00, MD04, Sak00]. **Life-history** [CWPL05, BCMR00]. **Ligand** [LCPS05]. **ligands** [AKH04, CMB00, SRM05, SWS+06, TF00, WKSM08]. **Light** [Ack03, BS02a, BMFS+03, BFD+04, BVN+00, BDK+06a, ESSS01, Fin01, GD01b, Har02, JB00, LMPY00, LKAB04, MBCB08, PE07, PCA+00, RZR02, SSS08, dVKJK07, Aki00, ARO+04, ACHG07, AKP+09, BVN+02, BBAW09, BSJ02, BBG+05b, BB09, BM03, DBGR09, DRM+09, DKKA09, EMIP05, EDF+03, FAM+06, GM03b, GCG05, GMRVFP02, HFR08, HFR09, HG03a, HG03b, HB08, HMNL06, HWL+00, KHKS05, LSK07, LB04a, LG04, Leo08, LKB04, MPGB08, MV00, MS05, NA09, NH06b, PED+09, QMS+07, RH06, RRHPT+06, SMP05, SSC02, SW05b, STK+04, TKM07, TGFPT08, TTG+09, TLrR07, VDK04, ZJC+07, vWSBT08]. **Light-dependent** [RZR02]. **Light-induced** [ESSS01, SSS08]. **light-limited** [Fin01, LB04a]. **light-mediated** [vWSBT08]. **Light-scattering** [PE07]. **Light-stimulated** [dVKJK07]. **lightness** [LM02]. **lignin** [WIK08]. **Ligurian** [NCPd08]. **like** [HOFD01, MGW+05, Shi04, TLS01, TS06, WV00]. **limit** [LLC+09, NA09]. **limitation** [AFL07, BBJ05, BBP+06, BMNSK00, BS03, CC01, CK08, CR06, CCC+03, Cul06, DTM+08, DGV01a, DET04, DSW05, EM08, FAM04, FMG+08, GR01, GD00b, GH00, HMR+07, HB08, HHW+02, JS08, KMC+00, KLL04, KHM04, MACB07, MML+08a, RRCP03, RQB+00, SMCW02, SXLM06, SMC08, SrL05, SSM+04, SSC02, SH05b, SH07, SQTA07, TB00, VD08]. **Limitations** [SK04, KR08, SAS+03]. **Limited** [LTOS04, Boe00, Car01, Fin01, GW03, HBF+06, LNB04, LB04a, LNB02, MP00, Pri05, SIRO05, VJ07, VAS02, Zha00]. **limiting** [BGE04, HM06b, vE02]. **Limits** [Ben00, Har02, JS03a, MC00, PDM+09]. **limnocorral** [PW03]. **Limnological** [CRBF+06]. **limnology** [AWH07, HR07, OSDB07, Ano01, DIMP08]. **limpet** [MTC+06]. **line** [MSL+03]. **lineages** [FTY+06, MVC+05]. **Lines** [McA03]. **Lingulodinium** [LASR09, vDBL05]. **link** [CHH07, GBA00, HPE01, WLTF03]. **Linkages** [AFB01, MdG08, MW02]. **linked** [ABJ+06, MD09, PVD01]. **Linking** [FL08, NHTF01, WGLT05, WSHW05, dGB02, vWSBT08, ZMJ+07]. **links** [LHB04]. **lipid** [DKt08, Has06, SHS03a, WIK08]. **lipid-poor** [Has06]. **lipid-rich** [Has06]. **Lipids** [CCM07, JHW+07, JHGGP06, VMJ08, ZWC+04]. **lipophilic** [LV01]. **liposome** [RBMN03]. **Liquid** [BK01b, BK01c, FH03]. **Liss** [Pom01]. **lithistid** [EKdF07]. **lithogenic** [Ham02]. **litter** [AMS+08, KLSW00]. **Little** [WMRK06]. **Littoral** [BJL01, KB05a, AD00a, BBLB05b, BBLB05a, DAV04, GVT06, HB05,

HHS05, Hei08, HHT01, HLP08, LAJ+04, LLB07, LL05, LPB06, WHHS06]. **live** [LLF+09]. **lived** [JBvHS08, KH03]. **Living** [BSMR08, WGC00, BdG02, Dow02, FSM+07, HMJ04, MG08, MWH01, dGB02]. **Livingston** [Elm02]. **load** [DDZ03, SRT+03]. **loading** [Caf01, JPJS06, MCPP06a, PDM+09, WLS00]. **loads** [HU07]. **Lobophora** [JM02]. **lobster** [Ann05, BFCLÁ08, GB09]. **Local** [ABFS09, HH03, MMKN08, SW05a, VVD+09, AH01a, AM08]. **Local-** [HH03]. **Local-scale** [ABFS09]. **localized** [EBS07]. **located** [TLS01]. **Loch** [GJS01]. **Long** [CWC+06, FCJ+06, GVT+09, INU04, Kim05, LIE06, ME06, PCvRR00, RL07, SMH+06, VW08, VWPP+06, AI01, BK01c, CJWR05, JS03a, LBB+04, MGRE+07, MCB08, MSZ00, RBW09, RC05a, UL05, WMW+08, YYTH07]. **Long-term** [CWC+06, FCJ+06, GVT+09, INU04, Kim05, LIE06, ME06, PCvRR00, RL07, SMH+06, VW08, VWPP+06, CJWR05, JS03a, LBB+04, MGRE+07, MCB08, MSZ00, RBW09, WMW+08, YYTH07]. **longicornis** [Møl07]. **longimanus** [HBM06]. **longirostris** [SCH07]. **longitudinal** [LN06]. **longwave** [OOB09]. **look** [BHVC06, NT08, OGR08]. **loop** [HSB00]. **López** [CR08]. **Lophelia** [DDL+09]. **loss** [GRdL+08, HBH+06, JHW+07, JTAM09, KB01, MSZ00, VJV+03]. **lost** [PFL07]. **lotic** [Fin04, LW01a, PVD01]. **Lough** [BLG+07, FL06]. **Louisiana** [EB01, PDTR06]. **Low** [BSMR08, LLvW+03, AD05b, AY08, BFC07, BKB02, BGC+05, CW03, FSBB05, GM03b, GBA00, HB05, HU07, HRA07, HR00a, JGSB07, LTGG03, MPGB08, MHLN01, MMLH06, NSH+09, NKJM06, PSH08, RSWH04, RC07, SSK06, SLC+09, TA03, TM05]. **low-affinity** [JGSB07]. **low-chlorophyll** [MMLH06]. **low-cost** [GBA00]. **low-head** [AD05b]. **low-iron** [FSBB05]. **low-level** [HB05, SSK06]. **low-nutrient** [MPGB08, RSWH04]. **low-oxygen** [MHLN01]. **low-salinity** [BKB02, TM05]. **lower** [HMT+00, KCSM07, LKAB04, LBC06, NIE+00, SBM04, TS01, WKB+04, CF01, LBG+09]. **lowland** [CKA03, GP06b, RP06, TSA09, THJ+09]. **LR** [GPAP+04]. **Lugano** [AHHH+07, HAHS+09, LBB+04, LBM+04]. **lumholtzi** [HCH00]. **lunar** [BBAW09]. **Lutjanus** [BW01]. **Luxury** [SS01, SS04]. **Lymnaea** [GGH07]. **Lyngbya** [CT06]. **lysed** [KGYU06]. **lysis** [AD00a, AD02, BW05, EKD+07, LCS02, RvBB02, STHG07]. **Lysogeny** [WBH03]. **lytic** [Thi00].

M [ACD10, Caf01, Fou02, Wan02, GSL+07, HBH00, KCCE06]. **MAAs** [Shi04, WV00]. **machine** [Boy01]. **Macoma** [PvAB+03, RHM04]. **Macro** [CSM+08, BH02]. **Macro-** [CSM+08]. **macro-holoplankton** [BH02]. **macroalgae** [Dal03, KNC+09, LLF+09, LWS01, MZL04, UMY+02]. **macroalgal** [ERH06, LW02, RTT+02]. **macrobenthic** [FSK+04]. **macrobenthos** [LM02]. **macrobiological** [DAL02]. **macroconsumers** [SPM04]. **Macrocystis** [FSB+08]. **macrofauna** [KNE08, PDR+09, SdB06, TSA09]. **macroinvertebrate**

[CH05a, CGWK+09, HL02]. **macroinvertebrates** [Hei08, HR03, ML02, MTM+01]. **macronutrients** [BRS01, WDX01, WHC+06]. **macrophyte** [BSJ02, IR06, KLSW00, LL05, NA06, NA09, RB03, RKH03, RL07]. **macrophytes** [BSJM06, RL07, SJW03]. **macrotibialis** [HGB00]. **Macrourid** [DPC+08]. **macrozoobenthos** [LH05]. **Magalluf** [DAMM+09]. **magna** [BB05, HW08, MCvEH08, TW09, YW02]. **magnetic** [ART+06, CEA+09, WdBD+01]. **Magnitude** [BW00, DKA02]. **main** [LMSE05, VC05]. **Maine** [AKG+05, FW07, GGDC04, Has06, MA08]. **mainstream** [HMT+00]. **maintaining** [MH04b]. **maintains** [SMH+02]. **maintenance** [How00, SBS07, SMS07, SSM+09]. **Major** [KB08b, PPH03, WHHS06, ACZ00, Bat00, BGC+04b, CD03, KDMC05, KMvD+09, YSM+03, YNCK04, ZHFD06, KB08a]. **make** [SSAH05]. **makeup** [ES00]. **Malawi** [HHT01, VBH+05, CWJ09, Pil04]. **Malawian** [KK00]. **males** [Kiø07]. **Mallorca** [DAMM+09]. **management** [CBD+06, CK00, Fis00, Par01, Sch06b, Wro01]. **manganese** [AGL03, CS05, PP04]. **manganese-54** [AGL03]. **Mangrove** [MPJ08, BMD+04, DHWW02, KA06, SMD+04]. **mangroves** [PVD+07]. **manipulation** [SPM04]. **manipulations** [CPCK00, ED05, TMP02]. **Mapping** [JN08, SGLT08, ASI+02, UMY+02]. **Mar** [Wan02]. **margin** [ÁSGMP01, DD09b, EPD09, GTS+09, GSB+09, GvRE+02, HKD01, SGB04, UWA+07, SVPK+09, WIK08]. **margins** [LSPC02, vODL+09]. **Marina** [Wan02, PKKB05, DVV+07, DDZ03, EW08, FG06, FHBK06, GBP03, KA06, Reu02]. **Marine** [BZH00, Can00, KJ01, MZL04, RM04, Aks07, All00, Alv07, AFB01, AD00b, AP00b, AR06, ACZ00, ALRM08, AMP+00, AVA+02, AD07, AAD08, ASP04, BMFS+03, BFDC01, BVN+02, BRT+03, BVH02, BCV+08, BK01a, BNOK+04, BK03a, BRL03, BMBA07, BFBHF04, BBKC03, BMSA08, BMU04, BLSQ07, BW00, BH02, BARS01, Cal01, CL04, CT05, Car01, CSE+08, Ceb02, CMH+08, CFMH01, CW01, CYN05, CF05, CSK+07, CTY06, CDD07b, CBvEK03, CRF01, DSD02, DL00, DRM+09, DdG09b, DGL+04, ES00, EH00, EPS00, FA03, Fin01, FQR+06, FQC+07, FMG+08, GR01, GM04a, GSB00, Goe08, GD00b, GD01a, GM03b, GYBA04, GWL+07, GSNH04, GJB+04, GAPR06, GFJ+02, HY01, HYH04, HKF01, HPAM01, HSN+03, HB03, HM06b, HMNL06, HMT+08, HAES02, IB05, JFH+05, JHW05, JCW08, JGSB07, KCP08, KF01, KKH04]. **marine** [Kiø00, KIB01, KTMM00, KSM+05, LJCM08, Les01, LN02, LH08, LMBP07, LWU+05, MCV+05, MHB01, MPACG01, MBG+05, MV03, MVBM04, MPRC02, MNM+09, MPdVG07, MJW03, MMW00, NP01, OH00, PWX04, PWP07, PTLJ01, PIF08, PRKHW04, PM08, QRF06, QSH+02, RSS+00, RRBS03, RRS06, RHJ05, RGRPD04, SC07, SRNW06, SIH+06, SD00, SHSH+07, SFR+08, SRG00, SJH06, Smi06, SlBWC+00, SKNK09, SM01, SLRM03, SAE+08, SMA00, SF03a, SF03b, SF03c, SSC02, SHS03a, SH07, SMDG04, SŻKL08, TPFS09, TP03, TWR04, VB00, VHL+04, WMWV04, Wan02, WBP09, WBH03, WM07, WNP04, WWS+00, XW02, ZW06, ZHSJ09,

dlM09, vOMSM06b, vdPAJ+06, SG02]. **marine-derived** [BLSQ07]. **marine-dominated** [JCW08]. **marinus** [SHSH+07]. **Mark** [SG02]. **markers** [HCH00, VHL+04]. **marsh** [BCDH09, CWWS00, Cha07, FSK+04, GK03, GHB+05, GVT+09, LN06, NA03, TMA+01, TMG03, TSML07, WC04, Ham01]. **marsh-dominated** [WC04]. **Marshall** [AP00a]. **marshes** [Cra07, EMPI07, PDTR06, SDV+06, THT+09, TNO+08]. **Mary** [BCBS04]. **Mass** [BBJ+06, EGP08, FAM04, LNB04, LJ09, RB01b, SC00, WSHN00, BMFS+03, BS04, CZRD+04, CR10, DPFL09, FAC05, FAL+07, FKCF00, GHTJ00, GEP08, HABF03, KKH06, KFW09, LFA+09, NA06, NIE+00, RB01a, RKM+06, RAKE05, SHL+05, SB03, STHG07, STST07, VW08]. **mass-specific** [BS04]. **Mass-transfer** [FAM04]. **Mass-transfer-limited** [LNB04]. **Massachusetts** [TT05, Too01]. **masses** [HLGI08, Par01, TLvAH06]. **Massive** [GFM+01, JKLR08, TWC+09]. **mat** [APH+03, LAHdBJ05, WdBD+01]. **Matano** [COK+08]. **Mate** [CK08, Kiø07, KB05b]. **material** [Ham02, MBW+01, MHB03, RJS+03, TSMB05]. **mating** [Goe08, Kiø07]. **matrices** [BKK+06]. **matrix** [Shu01, YJMT08]. **mats** [GFM+01, SIRO05, VH06]. **Mattaponi** [HB06]. **matter** [AGL03, AVJ+00, AHM+08, AFB01, ACZ00, AKP+09, BFC05, BFC07, BAG+09, BPOT04, BLWB08, BGV02, BK03a, BT00, BGE04, BMC07, CKPS04, CSWD07, CS06, CDK02, CLG08, CSK+07, DAL02, DD09a, DD09b, DGKA06, DGCMK00, DCC+01, DKRZ06, FSSH03, FW07, FPPH06, GJS01, GBM+04, GCS06, HAA09, HBH+07, HDMB04, HMT+00, HSR+08, HSB+06, HFE07, HLL+06, KS04a, KB06, KKH06, KNN06, KUP+06, LFZ+07, LLB07, LRMV04, LBC06, LBD+09, LNJL09, MYM+05, MH00, MH04a, MVFD04, MSSB06, MBCD04, MBC06, MBW+01, MSC+04, MMCW09, MPD+06, ME07, MTM+01, MSZ00, MLPS09, MPdVG07, NSM09, NCÁSP06, NK05, ORH01, ORFD+09, OZM+01, OOB09, PS06, PBGV04, QSH+02, RSH08, RGAS04, STC03, SMD+04, SHL+05, SDvEB06, SCDR07, SM01, SM05a, SM05b, SBW07, TYK+08, TB00, TMUW02, TB09, TLM04, TNO+08]. **matter** [VJ07, VW08, SVPK+09, VM06, WNL+08, WIK08, WW03, WHC+06, WW07, WV00, WdMD+00, WTM09, YJMT08, YT09, ZSS+08, ZB00, ZWC+04, vWSBT08, DdG09a]. **maturity** [ASH+06]. **Maud** [WSNH06]. **maxima** [FB03, HB08, PSEL08]. **Maximum** [CEBMF05, GEJ+02, JK08, ACG07, BVWB07, BMSA08, KHH+03, LL06, CWJ09]. **may** [JJP04]. **mayfly** [CF01, MHC05]. **McMurdo** [DP01, GMRD04, TPM01, Vin00]. **meadow** [GDM02, SHBM01, ZB00]. **means** [DBE08, GJRM07]. **measure** [MPACG01, SRG00]. **measured** [CEA+09, CW03, FDH+01, HTS+09, HM08, KLC06, MVW+04, MHS+09, RHJ05, WLRB03]. **Measurement** [AH01a, GGM03, GFK00, AKH04, MdG08, PP07, WdBD+01]. **Measurements** [TRT03, VM05, ZMK+08, BD04, BRW07, BZH00, DCC+01, ETCP03, GTK+01, GBH+02, GP00, JPK+05, LSPC02, PIKB08, RNR08,

RDPM06, SDG+07, SON+03, SSMM00, ZVRL03]. **measures** [HMD+07]. **Measuring** [BCMR00, TBH07]. **mechanics** [RG06, RL01b]. **mechanism** [JM08, LCLP02, PC04, PF01c, SEL+02]. **Mechanisms** [HS04, IOG+04, MH04b, MSSW+07, Ben00, CHH07, DDL+09, JCC02, LBSY02, MCF+04, PMK08, ROP+02, Thi00]. **mechanistic** [CMD+09, Fly03]. **MedFlux** [RFM07]. **media** [LSF+08]. **mediate** [BSG+08, Sar07]. **mediated** [BM00, BF08b, BBL+03, FNM07, JR07, MDJ+04, NH06b, SH03, TDT01, VZM07, WDVA08, ZHSJ09, vWSBT08]. **mediating** [CPCLS04]. **mediation** [BdBS+08, HL06]. **Mediterranean** [BLM+06, GST+01, SH05a, AD00a, AMS+08, CAP09, DAV04, FNLG00, GDM02, GCM+09, GWL+07, HCK02, KHM04, LMSE05, LB09, LIE06, MBLP01, MOK+03, MWH01, MIN+05, MCB08, MBPVR06, NCPd08, RORR+09, RSH08, RG02, RFM07, SL02, TRT03, TRT04, TS00, SVPK+09, VCKS08, WKW09]. **medium** [SI03]. **medium-sized** [SI03]. **medusa** [THR00]. **Meganyctiphanes** [TCR03]. **meio** [PDR+09]. **meio-** [PDR+09]. **Meiobenthos** [NHN+05]. **Meiofauna** [TSA09, BDC00, NKE08, SSAH05]. **meiofaunal** [RM06]. **melt** [BGHA04, SKC+01]. **meltwater** [GMRD04]. **Membership** [NDCP08]. **membrane** [AS02, AGMP04]. **Memoriam** [Leh00a]. **Memphremagog** [RKH03]. **meneghiana** [AGL03]. **mercaptopropionic** [HMB06]. **Mercenaria** [TG09]. **Mercury** [SDM+09, BMU04, CBG01, CGL03, CG03, CGL+04, CMCB+09, EBS07, FCJ+06, HLCG07, LF09, PAF+04, RLC+01, SAH+04, ZWHP04]. **Meristematic** [GBP03]. **meromictic** [AHHH+07, AVJ+00, HAHS+09, PDM+09]. **meroplankton** [KBL08]. **Mertensia** [GLVFH09]. **mesnili** [BRE02]. **meso** [HSCF06, RvAV+06, TvAVH06]. **meso-** [HSCF06, RvAV+06, TvAVH06]. **mesocosm** [EGPA02, EZA+05, HTS+03, KLS+06, KLS+07, LGJ02, LTT07, MJW03, TKAW03, WdMD+00]. **mesohaline** [ZC02]. **mesopelagic** [CGH+04, SRZ04]. **Mesoscale** [Ano07, MCM06, ZZPP01, AWH07, BST+05b, Coc01, GAM+01, GSL+07, HR07, MBL+01, OSDB07]. **mesotrophic** [JBH+04, MLPS09, MS05, RS01]. **Mesozooplankton** [Cal01, CP03, Law03, KRZ06, TF04, VVSM09, WLTF03]. **Meta** [WST06]. **Meta-analyses** [WST06]. **Metabolic** [FSSH03, HDMB04, AD05a, Ano07, BFC05, CR08, DdG09b, GAM+01, LU08, MCM06, PBC02, SAS08]. **Metabolism** [SJRB09, BCC+04, BAG+09, BMT+04, BOC01, CKPS04, DS07b, DAV04, EF05, FVD01, Fin01, GK03, HT03, HBCK03, JN08, LRMV04, MJR08, MdG08, MSLH02, MVBM04, RG07, SP04, SSJ07, SHA08, SMG06, TKM07, TBH07, YWR+07]. **metabolites** [PSH+07]. **metacommunities** [LN04]. **Metagenomic** [HPT+09]. **metal** [CBG01, FDH+01, HWYL07, MPH08, SSM+04, TSSWK+06, TF00, YW02, Zha00, ZW06]. **metalimnion** [SI01]. **metals** [CSK+00, CMQ+00, CLS05, HA01, JS08, LRF07, MLSS05, RB01b, TPFS09, TM05, TF04, WG01, XW02, ZW06]. **metamorphosis** [HH05, MBDL01, PDS05, TG09]. **metaphyton** [KR08]. **metapopulation**

[Ano08b, CSG+06]. **metazoan** [LJ01, SSAH05, TCD+03]. **metazoans** [BVB03]. **metazooplankton** [DGKA06]. **Meteorological** [FUG02]. **meters** [SBR+06]. **Methane** [Ost03, SGB04, ACG07, BGJ01a, BGJ01b, CCCC07, CCC09, HPBD01, KTG+06, KHP+06, LM02, MS05, NEC03, SDG+07, TKBJ05, THJ+09, WSNH06, WBD02]. **methane-derived** [THJ+09]. **methane-supported** [WBD02]. **methanogenic** [CCCC07, SEC08]. **Methanotrophic** [KHP+06]. **method** [AG03a, ASAC04, EWE02, GMMW03, HM03a, KJJ07, MMW00, SD00, VD08, WBR+03a, vE02]. **methodology** [Par01, TSH+06]. **methods** [Ben00, THA01, YPBL07]. **methyl** [HBN+00]. **Methylmercury** [MA08, CAP09, SKR01, WMRK06, ZWHP04]. **Mexican** [HKD01, SGB04]. **Mexico** [BW01, BFCLÁ08, CG09, DS07a, GHM+09, HVP+07, KL00, MKK04, MKVK05, MH04b, McM00, MBH+06a, MBH+06b, SBC+08, SRT+03, SPR02, SBM04, vHRB+09]. **Meyers** [Caf01]. **micelles** [VMJ08]. **Michigan** [HTRM+07, JBvHS08, KBG+08, Mor06, TTSC04, VMH+01]. **micro** [WLTF03]. **micro-** [WLTF03]. **microaggregate** [LLDS06]. **microalgae** [Dal03, HMNL06, MMW00, Nil03, PVD01]. **microalgal** [BDC00, HBH+06, KDO09, SLRM03]. **microanalysis** [HSN+03]. **Microbial** [AGDH09, BdBS+08, CBRC01, CS06, FH09, GLP+08, GP01, KLSW00, LFS+04, NMK03, NCÁSP06, SWSJ02, APH+03, BLM+06, CGH+04, DGH+07, DGD04, FSSH03, GHM+09, GFM+01, GVT+09, HSB00, HTS+03, HPT+09, Kem00, LAHdBJ05, PBM+07, RW02, SEC08, SAPA+02, SHA08, TRT03, TS08, TPSF01, VJ07, VW08, VMC+07, VH06, WBD02, WdBD+01, ZHSJ09, dBSN+06, Pom01]. **Microbially** [vWBT09]. **microbiological** [MBC06]. **microcosm** [MAC+03]. **microcrustacean** [LLB07]. **microcystin** [JJT07, Lür03, WH07, GPAP+04]. **microcystin-free** [Lür03]. **microcystin-LR** [GPAP+04]. **microcystin-producing** [Lür03]. **microcystin-treated** [WH07]. **microcystins** [RCD+05]. **Microcystis** [JS08, WŠN+07, GPAP+04, HTWG08, KJ00, LKM03, Lür03, RSWH04, RB02, SWH+05, SEL+02]. **microenvironment** [Fab06, JKLR08, SdB06]. **microenvironments** [AVA+02, Plo08]. **microlayer** [KLAF04, RSH08]. **micronekton** [BBAW09]. **micronutrient** [Alt01]. **micronutrients** [AP00b]. **microorganisms** [CMCB+09, SŻKL08]. **microparasite** [BRE02]. **microparasites** [DLDE04]. **microphytobenthic** [OHUB00, SMH+02, UPC+05, WWS+00]. **microphytobenthos** [CR06, MBB+00, NCO02, SLL+04]. **microplankton** [SWH+03, SWS+03]. **microprobe** [GGP01]. **microsatellite** [JL08]. **Microsatellites** [Reu02]. **Microscale** [MNSV03, MMW06, GSB+09]. **Microscopic** [SIRO05]. **microscopy** [SF05]. **microtidal** [SLL+04]. **Microzooplankton** [HZG07, JRS03, SMO07, CL04, CLL+09, EKD+07, OLCT08, PSHM04]. **micrum** [JRS03]. **Mid** [Dix00, MY05]. **Mid-Atlantic** [Dix00, MY05]. **midcontinent** [BHV04]. **Middle** [GJT+08]. **midge** [MHLN01, OHT06]. **midges** [DST08]. **midsummer** [ZXN+08]. **midterm** [Lon00]. **midwater** [THR00, TIH+01]. **midwestern** [RH01]. **might** [KHKS05]. **migrate**

[HKF01]. **migration** [BF08a, BKB02, BBAW09, BRM+07, CTWFP06, DJO00, De 02, DKKA09, HNB+07, HKF01, HFC+04, HTWG08, HLH09, IJA+04, KKT+07, KJH03, LLS08, LBC+09]. **migrations** [GZL02]. **migratory** [EDF+03, UPC+05]. **mile** [Boy01]. **Millennial** [RLM+04]. **Millennial-scale** [RLM+04]. **millimolar** [EMWL06]. **Mineral** [SrL05, BS04, CG01, HTS+03, SWF04, SBW07]. **mineral-rich** [SBW07]. **Mineralization** [MMDW09, CWG+07, GBFJ07, JMBJ01, KNN06, MMW06, OB04, VSSTS00, WBP+06, dBWF+05]. **minerals** [DFBA07]. **minerogenic** [PE07, PED+09]. **minerotrophic** [KB07]. **Mingulay** [DDL+09]. **minimal** [BCDH09]. **minimum** [ESA06, FCGC+09, HLW+07, JHW+07, WGC00, JRS03]. **mining** [KT02]. **Minireview** [RL01b]. **Minnesota** [EBS07, SDJT03, SC08]. **minutum** [MWM+04, SCP08]. **Mirror** [WBR+03a]. **mirrored** [JS03b]. **misinterpreted** [NH06a]. **Mississippi** [DCC+01, DS07a, SRT+03, SBM04, SQTA07]. **MIT9313** [SHSH+07]. **mitochondrial** [CHW+01]. **mixed** [Bou04, CD02, HMS+04, KM02, KMMS00, KL01, LHWE01, QYEA06, SR02, SR04, TG03, UPC+05]. **mixed-layer** [Bou04, SR02, SR04]. **mixed-species** [UPC+05]. **Mixing** [RS09, SI01, AELS04, BDK+06a, BLHC08, CHB08, D'A08, FLT02b, FGM+03, GGIAY08, HBS05, HAHS+09, HH04, JDS08, Kra05, KBD+00, LAG+03, LPW05, MFK+09, MCJF09, MVA+09, OIH+03, PSLO07, PF01c, PDB03, RKWG00, Sal05, SVC+07, STG+07, SCM08, SSM+09, UL05, WdMD+00]. **Mixotrophic** [KHKS05, Leg01, MBC+05, MBCB08, NP01, UMASG07]. **mixotrophs** [KHKS05]. **mixotrophy** [BWK+07, PSHM04]. **mixtures** [Lür03]. **ML** [RCE+02]. **Mn** [MJW03, SWCL01, SH00]. **Mnemiopsis** [Ano08b, CSG+06, GLVFH09]. **Mobile** [CF01]. **mobilization** [Jan03, KB05a]. **mobilized** [TMG03]. **modal** [GP03]. **mode** [RHM04, VCCS05, VRC07]. **model** [CMD+09, CCKP02, De 02, FB03, Fol05, FSK+04, GRCS06, GHTJ00, GBFJ07, HBI01, HFC+04, JPJS06, KCSM07, LNB04, MCPP06a, MMCW09, Mor03, RAKE05, RRD04, RMS+08, SRNW06, SCARM00, SKM05, Shu01, SY07, WW02, ZB03a, Zim03, CR10]. **Modeling** [CZRD+04, HISW00, KSM06, KBD+00, KDS03, LIHS03, LTGG03, LA09, LSF+08, MNA+09, MGH08, NSBA01, PLG+02, VMS+04, vOMSM06a, BD04, BK07, CLF+08, EMK08, HKNG08, JGE+09, JPK+05, KTAL04, MM05, MKV01, MC06, PED+09, PHMR+07, SDG+07, SB03, SCS+08, SF04, TVSS01, VCCS05]. **Models** [HBS04, ASH+06, Chr05, FMG01, Fly03, McA03, MFF07, MBC01, PGM+09, RFW08, SA09, STST07]. **moderate** [NA09]. **Modern** [Spe00, Cul06, HLD+03]. **modification** [GRR+07]. **modified** [DGKA06, HAG08]. **MODIS** [LAG+03]. **modulates** [vdPAJ+06]. **modulating** [MBCB08]. **Modulation** [GDK03, BRP+06, STG+07, UM05]. **Molecular** [Cur00, Dix00, FTC+06, FTY+06, GLVFH09, KB06, PCD+08, SHL+05, TFNT07, WJMD07, WBD02, BRL03, DB07, DHP03, DdG09a, EB01, HYH04, HSR+08, RA06, TIH02, ZWC+04]. **Molecular-level** [SHL+05]. **mollusc** [LWU+05]. **molluscs** [WSNM00]. **mollusk** [ASS03].

molting [TCR03]. **molybdenum** [TCL+09, TWR04]. **monasteriata** [DOE+06]. **Monitoring** [BTB+08, CK00, CFO+00]. **Mono** [BH07, CJ08, CH01, MCJF09, RCE+02]. **Monogononta** [SS03]. **monomethyl** [CGL+04, CG03]. **monomictic** [KNN06]. **Monopylephorus** [GHS05]. **monoxide** [XBD+09, ZXN+08]. **Monsoon** [RNR08]. **monsoonal** [Goe02b]. **montane** [CSM+08, FVD01]. **Montastraea** [LMPY00, QYEA06, RRHPT+06, SSL05, WCGBG07, ZJ03]. **Monterey** [BW99, BJBA03, MCPP06b, NDCP06]. **Montipora** [DOE+06]. **moonlight** [GF02]. **moraine** [SCY00]. **moraine-dammed** [SCY00]. **mordax** [BCBS04]. **Moreton** [EM02]. **morhua** [KBD+00]. **Morone** [BFS02]. **Morphological** [GST+01, CT06, Dix00, DJT06, SJR+04, TIH02, VHL+04]. **morphology** [BD07, CMC+09, FHB+09, LH06, MH07, RKM+06, WST06, WLP+07, ZB03a]. **morphometric** [MJ03]. **morphometry** [BCC+04, DACG01]. **morphospecies** [PCDB09]. **morphotypes** [Has06]. **morphs** [MH04b]. **Mortality** [EWE02, ACHG07, AAD08, BKAE01, BVWB07, DAMM+09, EAO+02, GRB02, GJB+04, GWR+09, HR03, ODR+08, WBH03]. **Mosby** [dBSN+06]. **most** [KKH04]. **motile** [SBZ+09]. **Motility** [KB05b]. **Motion** [KBBJ00, AIK04, FB05, PSS00, SHS01]. **motions** [OH08, SIK07]. **Mountain** [EPP+08, AMS+08, AB07, CMSVA02, HBL02, HBAK09, LVC+00, LLK05, MSVAC04, MBPVR06, NTM+05, PFN+05, VM06, BMC07, ML02]. **Mountains** [BSS+01, TSMB05]. **movement** [SLB+00]. **mtDNA** [DPK+00]. **mucilage** [BZH00]. **Mud** [dBSN+06, BHVC05, BHVC06, DD09a, Sch06a]. **muddy** [PGP01]. **mudflat** [PDR+09]. **muelleri** [LG04]. **Mulholland** [Sta01]. **Multi** [AO09, MCL06]. **Multi-decadal** [AO09]. **multi-source** [MCL06]. **multiannual** [PGM+09]. **multibasin** [RM09b]. **multicomponent** [FSK+04]. **Multidecadal** [GDB+09]. **multinutrient** [SY07]. **multiphasic** [LLC+09]. **Multiple** [CCKC05, EMIP05, KLL04, KRM09, MBCD04, NDT07, SGPK07, SJW03]. **multiple-isotope** [MBCD04]. **multiproxy** [WIK08]. **Multiscale** [BBLB05b, BBLB05a, KR08]. **multiseries** [MHRW02]. **Multispectral** [DCC+01, MSL+03, WR03]. **multivariate** [FBW+08, RBW09]. **Multiyear** [CDK02, New01]. **Murphy** [AD05b]. **Muscle** [KK00]. **mussel** [ALH01, BFC05, BFC07, BMF+06, BFML05, BFS+04, BLHC08, CMD+09, Dix00, NPE08, PWX04, SWH+05, SGPK07, SGPM09, WBvE02, WvE04, WSBL06]. **mussels** [BSL+07, BDNF01, Car02, DBS+04, HBG00, RSWH04, WLTF03]. **mutual** [HR00a]. **mutualistic** [BAPMMB01]. **Mya** [HM02]. **mycosporine** [MGW+05, Shi04, TLS01, TS06, WV00]. **mycosporine-like** [MGW+05, Shi04, TLS01, TS06, WV00]. **myctophid** [CCM07]. **Myriophyllum** [LL05]. **mysid** [TGF00]. **Mysidium** [TGF00]. **mysids** [GL07]. **Mysis** [BRM+07, BCMR00, HLNM+03]. **Mystic** [KNH00]. **myths** [TF00]. **mytilid** [BFML05]. **Mytilidae** [Dix00]. **Mytilus** [SGPM09, WSBL06].

N [Dow02, FMG01, HVP+07, JMBJ01, SL01, WGKE04, AS00a, AD01,

Ber01, BBP+06, lLCChTO08, CWC+07, FPZ09, FMG+08, GEJ+02, GRB09, GGH07, GHB+05, GVT+09, GHN+02, HB05, HTS+09, HFZ+07, IR06, LBM+04, LG04, MH07, MBLP01, MM05, MBCD04, MVW+04, MB05, MHS+09, PLW+08, PCD+08, RRSC01, RHM04, RG04, SRG00, SHBM01, SSL05, TMYH02, TMS+00, TB00, UMY+02, VR01, VEMM07].
N-irradiance [FMG01]. **N-labeling** [VEMM07]. **N-nitrogen** [GVT+09].
N-tracer [HB05, TMS+00]. **Nada** [KKKT07]. **Namaqua** [PN06]. **Nancy** [Dow02]. **nano** [CSSNA02]. **nano-detrital** [CSSNA02]. **nanoflagellate** [BMCvE06]. **nanoflagellates** [TRT04, ZHSJ09]. **nanomolar** [MTV+02].
nanoplankton [TCCG05, WDVA08]. **Narragansett** [Ano08b, CSG+06].
Natal [WSC+06, RPR+08, WSC+05]. **National** [EPP+08, HT03, How00].
native [BKB02, FS09b, GSA+05, GFJ+02]. **Natural**
[ASH+06, BEW+00, KFR+01, KMHN07, TSH+06, VMS09, AP00a, AS02, AW05, BKK+06, CBRC01, CW01, CLC02, CDBC00, CCC+03, CS05, ET08, EGP08, FGM+03, HY01, HVP+07, KKH04, KLS+06, KLS+07, KMMS00, KH03, LLA05, MV00, MHB01, MGC+07, PTK+07, PBMSG04, RRSC01, RB01a, RRH+03, RFM07, SD05, SLHK02, STC03, SSS02, SSS08, TGdB+01, TF00, WdMD+00, ZLL+02]. **naturally** [GFM+01, New01]. **nature** [CLS05, MHC05]. **Neagh** [BLG+07, FL06]. **neap** [STG+07, dSYL+08]. **near** [BS02a, CV05, CBG01, DRM+09, FLT02b, JS03b, RDPM06, SMGP06, TAB+00, ZXN+08]. **near-bottom** [CV05]. **near-infrared** [BS02a].
near-surface [JS03b]. **Nearshore** [TvG02, Has06, MC04, PWN07].
necessarily [GM03a]. **necessary** [TF00]. **need** [Fly03]. **negative** [GNU00].
negatively [CRC+03, LFPH07, OIH+03]. **neglected** [HPE01]. **Neither** [MSVAC04]. **Nelson** [MWE+04]. **Nematocysts** [BH02]. **Nematoda** [DVV+07]. **nematodes** [HMJ04]. **Neomysis** [SJ08]. **Nepal** [SCY00]. **Ness** [GJS01]. **Net**
[ÁSGMP01, NEE08, SlBWC+00, ÁÁS07, BW99, CPCK00, HHY+05, HHB05, IJA+04, KFR+01, LAJ+04, Lee01, MHK+07, RNC03, RBC00]. **Netherlands** [SMH+06]. **networks** [AB07]. **Neuse** [VWPP+06]. **neutral** [HY01, RA06].
Nevada [SMC03]. **Newfoundland** [BCBS04]. **Newly** [AD07]. **Niagara** [HDFM08]. **niche** [BGR+09, CMJ07, Ham05, KK00, MBCB08]. **Nickel** [EM08]. **nifH** [FPZ09, MPZ08]. **nighttime** [RKNA09]. **nilotica** [Har01].
Niño [Dav00, NBW+02]. **Nitinat** [PBM+07]. **nitracline** [AOR07]. **Nitrate** [GMAFP03, HTS+09, LMT05, MP00, MHS+09, WJA+07, BSC+09, BHV04, BS03, CWWS00, lLCChTO08, DBE08, FGM+03, FSB+08, FSBB05, GMA+06, GSNH04, GSLT08, HWL+00, JN08, KD02, LWP+07, LG04, LKAB04, MMLH06, MVW+04, SCP08, STG+07, TB00, TvdWdB04, TMA+01, WKFP06, YTVR07, dlM09]. **Nitrate-depleted** [WJA+07].
nitrate-replete [dlM09]. **nitrate-rich** [BHV04]. **Nitrification** [CJ08, JR07, AJ01, ATJH08, CRJ08, KD02, Nil03, SL00].
nitrification-denitrification [AJ01, Nil03]. **Nitrifiers** [LL06]. **nitrite** [LL06]. **Nitrogen**
[Alt01, BSC+09, BFQF+07, EVW07, GMA+06, GTS+09, GSLT08, GHB+05,

HAL+09, HM06b, KC08, LWP+07, MWM+04, MML+08a, MCC02, MBH+06a, MBH+06b, NFS+07, SNFT07, StLHB+07, SHBM01, VEMM07, WKFP06, AS00a, ARV+07, ÁÁS07, AP00b, Ano04, ATJH08, ASAC04, AGP07, AHR+01, BMD06, BRL03, BBJ05, BFCS+01, BCDH09, BBP+06, BCMR00, BW99, BW00, BM03, BLG+07, CH05a, CPHM04, CBA01, CM03, CBK+08, CCH02, DBS+04, DGH+07, DP04, DHWW02, Dit04, DNS06, DS07a, DBTK02, DNB+04, EGPA02, EM02, EF05, FF04, FGM+03, FXL04, GRdL+08, GSW03, GD00b, GD01a, GFM+01, GW03, GSNH04, GGS06, GKJ04, GVT+09, GP01, GH00, GFJ+02, HAA09, HT03, HBAK09, HPLG09, HBM08, HCK02, HHT01, HB06, HCD+09, JHW+07, JR07, KB08b, KTLS03, KNN06, KFH+09, KFW09, KCV06, KSWC+03, LNB04, LHWE01, LBEP06]. **nitrogen** [LTGG03, LBB+04, LBM+04, LPAQ+05, LNB02, MPJ08, MW06a, MTC+06, MAM07, MCL06, MFF07, MPZ08, MF01, MF02, MPRC02, MML+08b, MBPVR06, MC01, MGL02, MB05, NCO02, NDT07, NGS+07, OKO+01, PKKB05, PGL06, PSS+06, PWH+04, RCAK05, RlBW02, SLE04, SRT+03, SBL06, SDJT03, SRG00, Smi06, SlBWC+00, SWML08, SAE+08, SdB06, SSC02, SLL+04, TMS+00, TCP+03, TSMB05, TB09, TN09, TR03, TMA03, UMY+02, VJ07, VMS+04, VMSB08, VM06, WS04, WPD+01, WLS00, ZMJ+07, Caf01, KB08a]. **Nitrogen-fixation** [BFQF+07]. **nitrogen-fixing** [ARV+07, CPHM04, CBK+08]. **nitrogen-limited** [LNB02, VJ07]. **nitrogen-phytoplankton-zooplankton** [MFF07]. **nitrogen-rich** [DNB+04]. **nitrogen-sufficient** [LPAQ+05]. **nitrogenase** [ZMJ+07]. **nitrogenous** [RlBW01]. **nitrous** [DNS06, FCGC+09, NDT07, TMB07]. **nitzschia** [MHRW02, MMLH06, MH07, OLCT08, PD02, SGG+08, TWC+09, THL+09]. **NMR** [HRS04]. **NO** [HWL+00, LLC+09, LV01, PvE00, Alt01]. **Noctiluca** [DCMS03]. **Nocturnal** [BBAW09, HG03a, HG03b, KJH03]. **nodosa** [BMT+04]. **Nodularia** [KSEÖ+02, Plo08]. **nodule** [KCCE06]. **Non** [MBLP01, ARV+07, PLW+08, Chr05]. **non-nitrogen-fixing** [ARV+07]. **Non-Redfield** [MBLP01, Chr05]. **non-Redfieldian** [PLW+08]. **nonaxenic** [SBL06]. **Nondissociative** [SRNW06]. **nonhumic** [OH00]. **nonhydrostatic** [dlFSIN08]. **Nonionella** [GSFB02]. **Nonlinear** [WK09, Cul06, MCJF09, dlFSIN08]. **nonlocal** [FAL+07]. **nonmarine** [RSS+00]. **nonmotile** [SBZ+09]. **nonnitrogenous** [RlBW01]. **nonpoint** [Mul01, RB01b]. **nonprotein** [TSKA05]. **Nonrandom** [KS04b]. **nonsinking** [PDB03]. **nonspherical** [GD01b]. **nor** [MSVAC04]. **North** [ÁSGMP01, BK03b, DWA+02, JHW05, FSM+07, RYS+02, SMC08, StLHB+07, SKC+01, WM06, ÁÁS07, AWE07, BAG+09, BNK02, BST+08, BTS+06, BRP+06, CDK02, CLAK08, DTM+08, DJG+06, DBTK02, DPC+08, DKA02, GA00, GA01, GAM+01, GP03, HPLG09, HDMB04, HSB+06, HB08, KBL08, KFH+09, KLAF04, LBEP06, LKAB04, LES+05, LD01, LCC+09, LMBP07, LHB04, MKK04, MH04b, MGRE+07, MML+08a, MIN+05, MCC02, MML+08b, NKS+02, NFS+07, NEE08, PDS07, PLW+08, RLP+06, RvAV+06, RBJ+06, SFB+09, SAPA+02, SWSJ02, SKBC01, SMC08,

TvAVH06, TLvAH06, TSSWK+06, TSDK+09, TN09, UM05, VWPP+06, VDK04, VD08, VRS09, Wey04, WMW+08, ZMJ+07, dCCL09, dBWF+05]. **north-south** [StLHB+07]. **north-temperate** [RYS+02]. **northeast** [ASGA+07, BMD+04, BGC+04b, BST+05b, DAA+01, EJL+06, HCC+02, HBM08, Met04, OLCT08, SBR+06, SRKK08, YSO02, vODL+09, ÁS07, BSSL03]. **northeastern** [CLP+03, GvRE+02, GSL+07, LCPS05, PWH+04]. **Northern** [BLG+07, ARK+00, BW01, BLWB08, BZH00, BDSB07, CG09, Chi00, FLWP09, GLVFH09, HP06, KJMJ03, KAW05, LSK+03, LPAQ+05, PGL06, PLMPN08, SPR02, TCR03, TDJ+06, WJA+07, MBR08]. **northwest** [GSG+05, MKVK05, ODR+08, SGT+06, VCKS08, TS00]. **northwestern** [Aki00, CGH+04, CFG07, DAV04, FNLG00, GWL+07, LMSE05, LB09, LIE06, MBLP01, MIN+05, MCB08, NKS+02, NCPd08, TRT03, TRT04, SVPK+09]. **norvegica** [GGP01, TCR03]. **Norwegian** [LFS+04, NML+05]. **Nostoc** [SJRB09]. **note** [MF04]. **Notonectidae** [HGB00]. **Novel** [DNB+04, HRA07, JFH+05, Par01, SD00, SEL+02]. **noxious** [RSWH04]. **NPZ** [MFF07]. **ntcA** [LPAQ+05]. **nuclear** [ART+06, GGP01, WdBD+01]. **numerical** [JPK+05, MCL06]. **nurseries** [VNH+08]. **nursery** [BBP+06, BLSQ07, SFB+09]. **Nutrient** [ADA00a, ADA00b, DTM+08, DC05, HRGM07, HSB+04, JBH+04, KHM04, LB04a, MACB07, RRCP03, RH06, SBC+08, SK05, SSV+04, Sos00, Wur07, ZHL06, AD05b, AS06, ABFS09, AMS+08, AB07, BBJ05, BGE04, BGC+05, BRP+06, BR00, CV05, CBRC01, CPH06, CBD+06, CPCK00, CSK+07, CWC+07, Cra07, CJWR05, DD09a, Dal03, DTL+05, DSW05, DACG01, EVW07, ED05, EGP08, FAM04, FAC05, GDM02, GGP01, GP06b, GH00, HMSI06, HB05, HMS+07, HBL02, HZG07, HU07, HPV+00, HK01, HH02, HTRM+07, HM06b, JCC02, KHKS05, KM02, KLL04, KFW09, LSM03, LSK+03, LKB04, LLF+09, LZ09, MSGK06, MPGB08, MSAC06, MW06a, MSVS+07, MPA+07, MSSW+07, MGRE+07, MIDH05, MJW03, MLSS05, OAA+06, PDM+09, PCvRR00, PCA+00, PSJ00, RSWH04, RGAS04, RTT+02, SMGP06, SMC03, SHGM06, SWSJ02, SH06]. **nutrient** [SCS+08, SL01, TMK+07, VD08, WSC+08, WLS00, WWS+00, YS06, dSYL+08]. **Nutrient-** [LB04a]. **nutrient-color** [WSC+08]. **nutrient-enriched** [BRP+06, dSYL+08]. **nutrient-flow** [HMSI06]. **nutrient-rich** [JCC02, PCA+00]. **nutrient-saturated** [SHGM06]. **nutrient-stimulated** [MLSS05]. **Nutrients** [TMUW02, BS02b, BGC+04b, BGC+05, BLSQ07, BDK+06b, CB04, CG01, CWC+06, GRB02, HTS+03, JDS08, JM02, MAC+03, ML05, PLW+08, QMS+07, SAH+04, SMH+06, ZGP+00]. **nutrified** [DNS06]. **nutrition** [AP00b, HABF03, LM02, MKS08]. **Nutritional** [MCvEH08, MSJMN02, Boe00, BH02, CWPL05]. **NW** [AD00a, RFM07].

O [ORH01, TGdB+01, BD04, DJB+07, GTK+01, GGRJ03, GBFJ07, GSB+09, PCD+08, SRL+09, WG04, YPBL07]. **O2** [SAS08]. **O'ahu** [GGM03, Par01]. **obligatory** [HLNM+03]. **obliquus** [AGL03, Lür03]. **Observation** [VCCS05]. **observational** [WRG+05]. **Observations**

[BD04, BST+08, CRC+03, CSP+01, FLT02b, HFC+04, LAN08, MSSW+07, PNPA04, SSM+09, FT03, GJT+08, HDFM08, HWL+00, Mor03, PSEL08, UM05, WSNM00, WCGBG07]. **observed**
[BF08a, BMWW08, LTB09, MJR08]. **observing** [CLL+03]. **obsoleta**
[FMS04]. **Occurrence** [SMP+01, Ber01, GLVFH09]. **occurring** [BHL07]. **OCean** [BMH+08, DZL+03, ET08, GRV+09, KTLS03, MJR08, ASP04, BMFS+03, BF08a, BNC04, BL07, BST+08, BB09, CLF+08, Chr05, Cul06, Cur00, DH01, DR06, FH03, GTS+09, GSB+09, Goe02a, GJRM07, GSJ+09, HBI01, HD03a, HM08, HP06, HFZ+07, KB08a, KB08b, KLAF04, LB04a, LTGG03, Lon00, LVB08, MH04a, MCR+07, MAM07, MWE+03, MWE+04, MC04, NDP+07, OV03, PPH03, PBGJ09, RG08, SBC+08, SXLM06, SRKK08, SVB+08, SW05b, TvdWdB04, WHC+06, WKW09, WCGBG07, WWWY05, ACW+03, AD05a, ASGA+07, ÁS07, AGDH09, AWLH04, BGC+04b, BMH+08, BSSL03, BJD05, BDK+08, BAP+05, CPL+04, CBK+08, CRJ08, Coc01, CCM07, CCC+03, CW02, DB07, DMEPA04, DBTK02, DAV+05, DKA02, ET08, FSM+07, HDMB04, HPT+09, HPL+06, KSM06, KED+07, KMvD+09, KLAF04, MBL+01, MKVK05, MHK+07, MH04b, Met04]. **Ocean** [MML+08b, MSPAE06, NKS+02, NFS+07, ORH01, OBSD04, ORFD+09, PLW+08, SIH+06, SAS+03, SF05, SRF+01, SR07, StLHB+07, SLS+02, TPSF01, TGdB+01, TvdWdB04, TM02, TPG+08, TSSWK+06, TSDK+09, TMH+06, TBF04, VGP+08, WAGH09, YT09, ZJC+07, dCCL09, vdSvdSG+00]. **oceanic**
[AGMP04, AWH07, BBL+03, HR07, HPT+09, LA06, MAC+06, MMLH06, OSDB07, OCSB05, Par01, PQP05, PWN07, SH00, VM05, YT03]. **oceanica** [BMD06, DAMM+09, Fol05, GDM02, JGSB07, LJCM08, MP00]. **oceanographic**
[BPC06, BBG05a, HVH00, KLG09, MMKN08, OS01b, Rit09]. **oceanography** [AGDH09, NAH+08, Wro01, Ano01, DIMP08]. **oceans** [GH00, HM09, Pom01]. **Ochromonas** [BWK+07]. **octocoral** [JL08]. **Odor** [HMJ04, JWRW07, WW01, WRD01]. **odor-tracking** [JWRW07]. **odyssey** [Wan02]. **off** [Agr05, DCMS03, EPD09, LJ09, LNJL09, NSH+09, PSEL08, TvG02, TDJ+06, THH02, TWC+09, WHC+06, YSO02]. **Offatts** [HLCG07]. **offshore** [ÁS07, FDP+08, PPL+02, SHBM01]. **Ohio** [HBM08]. **Ohrid** [MSVS+07]. **Oikopleura** [AK00, LUHS04, TFNT07]. **oil** [CCM07]. **Oithona** [Kiø07, SCB03]. **old** [AGKK08]. **oligochaete** [GHS05]. **Oligopeptide** [RES+08]. **oligotrophic**
[BOC01, CPV00, CBD+06, Chr05, CRJ08, CCCC07, DNS06, DBTK02, GGH07, HB05, HDWDD09, LPAQ+05, MYM+05, MB00, MW06a, MAM07, MML+08a, MCC02, MML+08b, NFS+07, RG02, UMASG07, UVY+01]. **Olympia** [KLG09]. **ombrotrophic** [KB07]. **ombrotrophic-minerotrophic** [KB07]. **omnivorous** [SvKM01]. **Omnivory** [CCGH05, BCMR00]. **one** [PGM+09, VC05]. **one-dimensional** [PGM+09]. **Onondaga** [DPK+00, ME06]. **onset** [AMS+02, GPHS08, MAS+02, ZXN+08]. **onshore** [GB09, SLB+00]. **Ontario**

[BJW+02, FHDKR03, FCJ+06, MMPA04, Mor06, RSC04, SAH+04]. **onto** [AHR+01, FZL+05]. **ontogenetic** [LLS08, RHM04, TS06]. **ontogeny** [HNB+07, PWP07]. **Onychopoda** [GL07]. **opal** [PIKB08]. **open** [BMFS+03, BB09, CAP09, GJRM07, HBI01, KNC+09, KLAF04, MSLH02, MC04, RSH08, RG02, TvdWdB04, VPH+07, WSC+05, WSC+06]. **open-channel** [MSLH02]. **open-coast** [WSC+05, WSC+06]. **open-ocean** [GJRM07, TvdWdB04]. **opening** [TMH+06]. **operated** [YWR+07]. **Ophiuroid** [LSPC02]. **opossum** [BCMR00]. **Optical** [ANSS04, AOR07, GDCG08, KMMS00, LRS+03, MGC+07, STHG07, SWF04, ZMK+08, Agr05, BVG+07, BZH00, BZ03, CFO+00, CBB+02, DDZ03, GSO03, HMKZ02, Kir03, LMBP07, LBD+09, MLRMR09, MSZ00, NCPd08, OH00, OCSB05, SSC02, SBW07, ZB01]. **optically** [MS03, MZV03, SLRM03, TNO+08, VMS+03]. **optics** [SM01]. **optimal** [KJ01]. **Optimization** [SY07, De 02]. **Optimization-based** [SY07]. **optode** [FG06, GTK+01, HAES02]. **Oran** [GST+01]. **Orbulina** [LEML09]. **ordination** [RBW09]. **Oregon** [DD09a, D'A08, TvG02, WHC+06]. **Organic** [DAL02, HMT+00, KB01, SDKZ+09, TWS01, TVL+00, TB09, ART+06, AVJ+00, All00, AHM+08, ÁSGMP01, AFB01, ACZ00, ARK+00, AKP+09, AHR+01, BFDC01, BFC05, BFC07, BAG+09, BMF+06, BPOT04, BLWB08, BGV02, BNOK+04, BK03a, BRL03, BLJ09, BT00, BK03b, Bou04, BW00, BMC07, CGD08, CG09, CKPS04, CSWD07, CGH+04, CSSNA02, CM03, CS06, CDK02, CLG08, CCKP02, CSK+07, DD09a, DD09b, DGKA06, DGH+07, DB07, DGCMK00, DCC+01, DH01, DKRZ06, Dit04, DdG09a, DR06, EPP+08, EB01, FQH+01, FSSH03, FSSP02, FW07, FPPH06, FCJ+06, FXL04, GSW03, GJS01, GP01, GCS06, GFJ+02, HAA09, HBH+07, HD03a, HDMB04, HBCK03, HPAM01, HSR+08, HSB+06, HKD01, HFE07, HLL+06, Jan03, JMBJ01, KS04a, KB08a, KB08b, KJMJ03, KJJ07, KAJ08, KB06, KWS06, KKH06, KNN06, KJ01, KIB01, KHK+03]. **organic** [KCV06, KUP+06, LTM01, LFZ+07, LBB+04, LLB07, LFFC06, LRMV04, LBC06, LBD+09, LNJL09, LMZB08, MMDW09, MYM+05, MPJ08, MH00, MH04a, MCF+04, MVFD04, MHK+07, MED+08, MSSB06, MBCD04, MBC06, MBW+01, MHB03, MAM07, MSC+04, MMCW09, MPD+06, ME07, Møl07, MTM+01, MSZ00, MWE+03, MC04, MLPS09, MPdVG07, NSM09, NTM+05, NCÁSP06, NHN+05, NK05, OH00, ORH01, OB04, OV03, ORFD+09, OZM+01, OOB09, OCNH00, PC02, PCC+07, PWX04, PKKB05, PWH+04, PS06, PBGV04, QSH+02, RB08, RSH08, RA06, RCAK05, RFM07, RGAS04, RCVK09, STC03, SMD+04, SHL+05, SWS+06, SDvEB06, SRG00, STP+07, SlBWC+00, SCDR07, SM01, SM05a, SM05b, SC08, SL00, TPM01, TMK+07, TYK+08, TIH+01, TPSF01, TB00, TTSC04, TMUW02, Tun00, TLM04, TMA03, TNO+08, VSSTS00, VJ07, VW08, VMH+01]. **organic** [SVPK+09, VMSB08, VM06, WNL+08, WSHN00, WGLT05, WIK08, WG01, WW03, WHC+06, WW07, WK09, WV00, WdMD+00, WA01, WS04, WTM09, XLF+03, YJMT08, YT09, ZSS+08, ZB00, ZWC+04, dGvD07, dGMH+08, dGP08, vWSBT08, vWBT09]. **organic-rich** [SWS+06].

organism [Dup00, Mil02]. **organisms** [GFK00, HSLV05, HA08, MF04, SIRO05, TS06, WM07]. **organochlorine** [Ber03, BSS+01]. **organohalogens** [MMW00]. **Orientation** [KTM01, RG06]. **Origin** [HRS04, SP02, BHVC05, BHVC06, BFCLÁ08, CAP09, KB06, Sch06a, WCB+06]. **origins** [DST08, RPR+08]. **Orthophosphate** [TRT04, LTT07]. **Örträsket** [JMBJ01]. **Osaka** [YYTH07]. **Oscillation** [Dav00, DJG+06, GA00, GA01, GP03, LD01, LHB04, Wey04]. **oscillations** [GDB+09, Mor06]. **oscillatory** [FAC05]. **Osmerus** [BCBS04]. **Ostreococcus** [SFR+08]. **other** [BFS02, CDH+08, EPS00, GSO03, KSS+07, KHNV05, LLS08, MSHE09, MBG+05, MDL00, PBGV04, RL01a, dlM09]. **otolith** [BW01]. **otoliths** [RPR+08, SRL+09, WSC+05, WSC+06]. **our** [Boy01]. **outcome** [THT+09, vNHM+09]. **outcompete** [KHNV05, RL01a]. **Outer** [AGMP04]. **Outer-membrane** [AGMP04]. **outgrowth** [Ber01]. **outnumbering** [CTY06]. **overeutrophication** [YS06]. **overgrowth** [LLF+09]. **overlooked** [MCV+05]. **overlying** [HOFD01, RHJ04]. **overturn** [MVC+05]. **overwintering** [BKAE01]. **ovum** [GLVFH09]. **oxic** [BPOT04, CGCPA08, FS00]. **oxic-suboxic** [FS00]. **oxidation** [ACG07, EPD09, HLW+07, JKGT08, JNKdV09, KGP+02, MHB03, MGL02, MS05, SDvEB06, TDJ+06, TTSC04, TT05, TKBJ05]. **Oxidative** [GM04a]. **oxide** [BM00, DNS06, FCGC+09, NDT07, RW02, TMB07]. **oxides** [GW03]. **oxidizing** [KLF+03]. **oxy** [BPLH04]. **oxy-regulatory** [BPLH04]. **oxyanions** [HHS05]. **oxycline** [FCGC+09]. **Oxygen** [FG06, PFPH04, RM09a, SLHK02, WCL+07, ACZ00, BI07, BMWW08, DH01, ES00, ESA06, FS09a, FCGC+09, GM03a, GSG+05, GSNH04, GSLT08, GBP03, HLW+07, HFDO05, JHW+07, JLB+06, JN08, KCSM07, KD02, KLF+03, LBG+09, LWP+07, LBSY02, MMDW09, MHLN01, MJR08, ME06, MCPP06b, MGMW06, OH08, ORH01, PLM+09, Plo01, Plo08, PIKB08, RlBW01, RHJ02, RHJ04, SAH+05, SAHS06, SAS08, SDKZ+09, TDJ+06, TBH07, VTR03, WBP+06, WGC00]. **oxygen-18** [TBH07]. **oxygen-deficient** [DH01, TDJ+06]. **oxygen-isotope** [ES00]. **Oxyrrhis** [EW08]. **oyster** [KLG09, KN07]. **oysters** [TG09]. **ozone** [HSF+08].

P [ACD10, Caf01, SXLM06, SMS09, Sta01, Bel01, Boy01, Bri01, Dow02, Elm02, Fou02, Gou01, Jun01, Kne02, Mil02, Pom01, Ris02, SG02, Wan02, Wro01, ABJ+06, ART+06, AD01, BSMR08, BNK02, Ber01, Boe00, GHN+02, HW08, HRS04, IR06, LG04, NKJM06, SH10, SL01, VPA02, WGKE04]. **P-affected** [IR06]. **P-deficient** [HW08]. **P-limited** [Boe00]. **P-NMR** [HRS04]. **pachyptila** [RSS+03]. **Pacific** [BNK02, BK03b, CDK02, CLAK08, DBTK02, HPLG09, LKAB04, NKS+02, NFS+07, Aki00, Alt01, BST+05b, BDK+08, CBK+08, Coc01, CLP+03, CW02, DPC+08, FCGC+09, Fis00, FSS+00, HPT+09, HW07b, HB08, KFH+09, LBW+08, LM02, LCPS05, MC00, MG08, MJR08, Met04, NFFK00, NBW+02, NEE08, OLCT08, RWK08, ST04, SWSJ02, SKBC01, SBR+06, SRKK08, SMC08, SLS+02, TRM00, TM02, TMC06, TCCG05, VDK04,

VD08, VRS09, YT09, ZMJ+07, vdSvdSG+00]. **pacifica** [JHGGP06]. **pacificus** [PFL07]. **pack** [BGHA04]. **Packard** [Wan02]. **Paerl** [Caf01]. **PAHs** [GHTJ00]. **Palatability** [BH02]. **Palau** [WKH+06]. **Paleo** [TRF+06]. **Paleo-indicators** [TRF+06]. **paleoclimatic** [JM08]. **paleoecological** [SFB+09]. **paleoecology** [KW04]. **Paleogenetic** [DPK+00]. **Paleolimnological** [LFA+09, BPLH04, SF04]. **paleolimnology** [DES03, HW07b]. **Paleoproductivity** [MMPA04]. **pallida** [GCG05]. **pallida/Symbiodinium** [GCG05]. **Pamlico** [VWPP+06]. **Panamanian** [CGWK+09]. **Panulirus** [BFCLÁ08, GB09]. **paper** [Bri01]. **paradigm** [WSC+08]. **paradigms** [MF01, MF02]. **paradox** [BHMS06, TKK+03]. **PARAFAC** [SM05a, YJMT08]. **parallel** [YJMT08]. **Parameterizing** [LLA05]. **parameters** [BBG+05b, GFK00, KVR03, MPACG01, RENA06, SHGM06]. **Paraphysomonas** [BMCvE06]. **Parasite** [Hol00, Duf09]. **parasites** [WKB+04]. **parasitism** [KVdB+04, MDJ+04]. **parasitized** [DHTH05, TKK02]. **Park** [EPP+08, HT03]. **Parsons** [Wro01]. **parthenogen** [HD09]. **partial** [Goe08, LGJ02, SKC+01, YT03]. **Particle** [BAP+05, JPK+05, BMFS+03, Ben00, BST+08, BB09, ET08, FT03, HOFD01, HR00b, JBvHS08, NFFK00, PNPA04, PE07, Pil04, RL00, SDC00, SM02, SLD00, SVB+08, TNM+01, TFNT07, WSNM00, WCB+06, dVKJK07]. **particle-associated** [SDC00, dVKJK07]. **particle-reactive** [SM02]. **particle-rich** [WCB+06]. **particles** [ASP04, BS02a, BMFS+03, BS04, BRB+01, CSSNA02, CDH+08, DRM+09, GD01b, GWL+07, GSO03, HHS05, HP03, HA01, JJP04, KB01, LMBP07, MH00, MBLP01, NTM+05, NHS07, PWS09, PE07, PED+09, PP07, SW05b, TS00, VB00]. **Particulate** [RFM07, BAG+09, BCM01, BJG+00, BNOK+04, BK03a, Bou04, CGL03, CG03, FPPH06, GBM+04, GCS06, HAA09, HD03a, LBM+04, LBC06, MVFD04, MSSB06, MTM+01, MWE+03, OCNH00, PWX04, RCAK05, ST04, SBW07, SBM04, TG03, VMH+01, WV00, WPD+01, dGMH+08]. **Partitioning** [CSK+07, LBG+09, MBCB08, PDH06, RS09, TLM04, WW03]. **parvum** [BGR+09, SH03]. **pass** [BSSL05]. **passage** [GM04a, LKM03, BTB+08, HMR+07]. **passively** [SSH+09]. **past** [BLS+06, BLSQ07, DLDE04, DPK+00, FS09a, HBI01, HFZ+07, MMPA04, RCVK09]. **Patagonian** [CPB+08]. **patches** [Fol05]. **patchiness** [BSS09, HM03b]. **patelliferum** [Leg01]. **pathlength** [BK01c]. **Pathogen** [LWU+05]. **paths** [LAN08, RM09b]. **pathway** [BFBHF04, HMSI06]. **Pathways** [CCKP02, KB07, TTSC04, EKD+07, FSB+08, KGP+02, LFFC06, MSGK06, MMW06, MMDW09, NDT07, VJV+03, WNL+08]. **Patiriella** [MSBHG01]. **pattern** [HMD+07, YYB+05]. **patterning** [HWA03]. **Patterns** [BFCLÁ08, CGWK+09, CWC+07, Fin04, Hei08, IR06, JCC02, STP+07, UPC+05, ASI+02, ATJH08, DVV+07, FMWC00, GCJ+06, GRR+07, GD00a, GGDC04, GP03, GBA00, HH03, HB03, JGE+09, KB05b, KRM09, LKAB04, Met04, New01, PF01a, RZMB05, RYS+02, SA00, VKV07, WBP+06, YSO02]. **Patuxent** [FHBW06]. **Paul** [Bri01, Wro01]. **Pb**

[JBvHS08, NSBA01, SCARM00]. **PCBs** [GHTJ00]. **PCC** [BBG+05b, IB05]. **pCO** [BD04, DLZ+09, FMG+08, KDRR09, MVBM04]. **PCR** [SF05]. **peak** [RKNA09]. **peaks** [BCV+08]. **peatland** [BLWB08, HPBD01, KB07]. **pecos** [GBL+04]. **Pectenotoxin** [KUP+06]. **Pectenotoxin-2** [KUP+06]. **Pectinaria** [JGE+09]. **pelagial** [CS06, WŠN+07]. **Pelagic** [HC01, SKBC01, ALH01, AGDH09, BMBA07, CNGV09, CVH+05, HBF+06, Jan03, JKS04, JB00, JS03b, KTG+06, KBL08, KKT05, LN02, MG04, MBR08, MBCB08, MNM+09, MS05, NHTF01, RHK+09, RH06, TCD+03, TS01]. **Pelagomonas** [DBGR09]. **pellets** [PIF08, PIKB08, RFM07]. **Pellioditis** [DVV+07]. **penetration** [AKP+09]. **pengoi** [BJW+02, CHW+01, GL07]. **Peninsula** [SPR02, CDD+03, ROP+02]. **pennate** [MMLH06, MH07]. **Penobscot** [MA08]. **Penzé** [MWM+04]. **Peptide** [MGL02, ML09]. **peptidoglycan** [BK03a, NMK03, VvOBM06]. **peptidoglycans** [GvRE+02]. **perceived** [DKRZ06, MF03]. **perchloroethylene** [MHDH00]. **perennially** [PCD+08]. **Performance** [PDB03, JFH+05, PSH08, RB03, VH06]. **perfusion** [SDJT03]. **Peridinium** [RL01a, SEL+02]. **period** [HBH+06, JBM+07, SKTD04, TSH+06]. **periodic** [LMMW03]. **Periodicity** [KKKT07, BF08a]. **Periphylla** [DKKA09, KKT+07]. **periphytic** [WW00]. **Periphyton** [Ber03, GCJ+06, FH09, HM06a, HK01, LNB04, MMO06, NRB08, QMS+07, SIRO05, SPW+05, SL01, TR03]. **permanently** [WSNH06]. **permeabilities** [JHW05]. **permeability** [AS02]. **permeable** [BZH08, FS00, FPPH06, FT03, HR00b, HR00c, JFH+05, JHW05, MGGM06, PFPH04, RB09, VPH+07, WBP+06]. **Perna** [PWX04]. **peroxide** [TDT01]. **Persistence** [CPCK00, HBTM05, RWK08, BFC07, PW03]. **persistency** [GA01]. **persistent** [ET08]. **perspective** [Caf01]. **perspectives** [Tor00]. **pertusa** [CWC+07, DDL+09]. **Peru** [DGM+05, HHW+02, LNJL09]. **Peruvian** [HLW+07]. **pH** [AKH04, HHS05, HAES02, KT02, LVB08, Plo08, WS06]. **Phaeocystis** [PSJ00, BRP+06, DK06, EPS00, KMvD+09, SG08, SWCL01, TJV01]. **Phaeodactylum** [CLPB02]. **phage** [RSS+00]. **phages** [RSS+00]. **Phagotrophy** [Leg01, BM00, UGY+00]. **phantom** [DST08, MHLN01, OHT06]. **phase** [DPFL09, GEJ+02, KB01, LH06, MAL08, OV03, WDL07]. **phaseoliformis** [SO07]. **phenology** [JBM+07, SKJ+07]. **phenols** [WIK08]. **phenotypes** [AD07, SCH07]. **pheophorbides** [GSB00]. **phosphatase** [DP01, DR06, NDCP06, RRH+03, SXLM06, SIRO05, TXH05]. **phosphatase-producing** [SIRO05]. **phosphate** [BS03, Cul06, FZL+05, FWM+05, GFPG09, LG04, LMT05, MCPP06b, MTV+02, NKJM06, RG02, SCP08, TRT03, TvdWdB04]. **Phosphonates** [BNOK+04]. **phosphorous** [MML+08b]. **Phosphorus** [BNK02, JNKdV09, KHB+00, LKM03, MLC+07, SSM+04, ART+06, AD00b, ASAC04, BB05, BNOK+04, BK03b, BMNSK00, BLG+07, CG09, CC01, CCC+03, CS05, DGV01b, DAC+07, DP01, DWA+02, DR06, EM02, FF04, dSFFTD07, FQC+07, FL06, FXL04, GM03a, GR01, GGS06, GH00, HDSC09,

HBCK03, HW07a, HW08, HCK02, HFR08, HFR09, HCD+09, JPJS06, JS08, JCBA08, KIB01, KMHN07, KHM04, LNB04, LH05, LSSA04, LMZB08, LTT07, MWM+04, MOK+03, MPAS00, MML+08a, MGMW06, MBPVR06, MB05, NGS+07, RP06, RB06, RKH03, RPR+02, RTT+02, RHW00, SSK06, SIRO05, SP04, Smi06, SMC08, SAE+08, SC08, SBM04, SMH+02, SQTA07, TRT03, TRT04, TXH05, TCD+03, VAS02, WJMD07].
phosphorus-deficient [dSFFTD07]. **phosphorus-limited** [SIRO05, VAS02]. **phosphorus-rich** [BLG+07]. **Photo** [SDvEB06, RMS+08]. **Photo-oxidation** [SDvEB06]. **photo-protection** [RMS+08]. **Photoacclimation** [AMP+00, vdPAJ+06, Fly03, MSH+06, SFR+08]. **photoadaptation** [MSH+06]. **photoautotrophic** [KHKS05, SIRO05]. **Photobehavior** [CF05]. **Photobiogeochemical** [XBD+09]. **photobiology** [FBW+08, WLRT06]. **photobleaching** [DdG09a, HSR+08, OZM+01, OOB09, WdMD+00]. **Photochemical** [ACZ00, BRT+03, BT00, BMC07, KWS06, KHK+03, STC03, MSHE09, MSZ00, NCÁSP06, ORH01, OB04, OHUB00, PAF+04, VSSTS00, VW08]. **Photochemically** [VJ07, DGKA06]. **Photodegradation** [BKK+06, SWS+06, MPD+06]. **Photodissolution** [MSSB06, MSHE09]. **photoenzymatic** [GWK01]. **photoheterotrophic** [SGT+06]. **Photoinhibition** [WLRB03, HBS04, SWN08]. **Photolysis** [TKK+03, BM00]. **photolytic** [UGSMN01]. **photoperiod** [RRS06, SH04]. **photophysiological** [UHB+08]. **Photophysiology** [KMvD+09]. **photoproducts** [MMS+02]. **Photoprotection** [KMvD+09, LSK07, LNB02, GKLF01]. **photoprotective** [ETCP03, MGW+05]. **photoreactivity** [AG03b]. **Photoreceptors** [GF02]. **photoregulation** [DBGR09]. **Photosynthesis** [GKLF01, LAHdBJ05, RRHPT+06, AJ01, BN01, BSJM06, CLPB02, CLAK08, DTM+08, EMK08, GRVF+00, Goe02a, GCG05, HFZ+07, KT02, LEML09, MCR+07, NA09, RMS+08, SE06, SLDE09, SWCL01, SRF+01, SWN08, SKH+01, SMG06, SEL+02, TLrR07, Zha00, Zim03].
Photosynthesis-controlled [LAHdBJ05]. **Photosynthetic** [VH06, BCV+08, BBG+05b, CGCPA08, CEBMF05, DDZ03, ETCP03, FTC+06, GFK00, HYH04, HMR+07, JP03, KVR03, Lan03, MPGB08, MCF+04, NML+05, SHGM06, SLS+02, UPC+05]. **photosynthetically** [BVK02, vdPAJ+06]. **photosystem** [OHUB00]. **Phototransformation** [KS04a]. **phototrophic** [SF05]. **Phraya** [DBWS06]. **phycocyanin** [SPG05]. **phycoerythrins** [NTDV06]. **Phylogenetic** [FQC+07, DHP03, MPACG01, YNCK04, dGB02]. **phylogeographic** [PH07]. **Phylogeographical** [HWA03]. **phylogeography** [CRY+08]. **Physical** [FSB+08, HDWDD09, LLDS06, MSGK06, OBB+04, PDM+09, PBM+07, RHCS08, RBJ+06, BSM01, BFCLÁ08, CWC+07, HZ00, HLCG07, HHB+09, LLK05, LCLP02, NCPd08, NIE+00, PWN07, SCH07, THH02, WA01, WW02, WWWY05, ZZPP01]. **physical-biogeochemical** [NCPd08]. **physicochemical** [BB07, SWD+05, SJH03]. **physics** [DORS08, VH09]. **physiologic** [dGB02]. **Physiological**

[Has06, HA08, Leo08, MB01, BFS+04, DBS+04, DGM+05, LTGG03, MBL+01]. **Physiology** [MFG+09, MML+08b, SSV+04, WJMD07]. **phyto** [PHF03]. **phyto-** [PHF03]. **phytochelatin** [AW05]. **phytodetritus** [Bea03, GHM+09, NDP+07]. **phytodetritus-degrading** [GHM+09]. **phytoplankter** [GRV+09, SWH+05, SWH+03]. **Phytoplankton** [BMD06, CL04, DP01, HZ00, HABF03, HMR+07, HAG08, HHW+02, KLL04, KVR03, LKB04, Mar05, MSH+06, RB06, SB03, SMR+01, YS06, ADA00a, ADA00b, ARV+07, AD00a, AD02, AS02, ASI+02, AH02, BFDC01, BFD+04, BVG+07, BN01, BVH02, BMBA07, BBJ05, BW05, BSR+07, BEM+02, BMSA08, BGC+04b, CSM+08, CMSVA02, CC04, CSE+08, CEBMF05, CMH+08, CLL+09, CG01, CLC02, CLP+03, CMB00, CRF01, CCC+03, CS05, Cul06, CW02, DG06, DKRZ06, DSW05, DAV+05, DGL+04, DR06, ETCP03, EDF+03, FB03, FA03, FQR+06, FQC+07, FMG01, Fly03, FZL+05, GMR+09, GSW03, Goe02b, GFM+01, GSNH04, GSO03, GSJ+09, HY01, HYH04, HRGM07, HHM+09, HBS04, HPL+06, HB08, HR00c, HH04, JK08, JDS08, JTAM09, KCE+00, KGYU06, KTLS03, KNC+09, KLC06, KLS+06, KLS+07, KMMS00, KL01, KMvD+09, KHNV05]. **phytoplankton** [LAG+03, LTM01, LFS+04, LMSE05, LB04a, Leh00b, LALE04, Leo08, LES+05, LH08, LCC+09, LCPS05, LSSA04, LL06, LH06, LTB09, LRF07, LF09, MLC+07, MBL+01, MCR+07, MT06, MGRE+07, MFF07, MML+08b, MSPAE06, MKS08, Mor03, MN04, MY05, ML09, NDCP06, NP01, NGS+07, OIH+03, PSLO07, PCvRR00, PCA+00, PDB03, QRF06, RLM+08, RBMN03, RL01a, RRH+03, RvBB02, RHK+09, RB02, RRBS03, RRS06, RBW09, SBL06, SVC+07, SKM05, SRZ04, SRG00, Smi06, SNPK+09, SON+03, SKNK09, SSM+09, SC08, SF03b, SF03c, SCV04, SSS08, SMO07, SMG06, SH00, SH07, SLS+02, TCL+09, Tor00, TRM00, TM02, TMC06, TPG+08, TKAW03, UM05, UHB+08, VWPP+06, WG01, WAGH09, WW03, WMW+08, YSO02, YTVR07, ZMK+08, dlM09]. **phytoplankton-based** [BMBA07]. **phytoplankton-nutrient** [PCvRR00]. **phytoplanktonic** [CMJ07]. **pico** [CSSNA02, WDVA08]. **pico-** [CSSNA02, WDVA08]. **picocyanobacteria** [NCC00]. **picocyanobacterial** [FWM+05, FTY+06]. **picocyanobacterium** [BH07]. **Picocystis** [RCE+02]. **picoeukaryote** [BRL03, DBGR09, FTC+06, HLGI08, RV04]. **picoeukaryotes** [BCV+08, NML+05]. **Picophytoplankton** [LA06, BVWB07, BK01a, DTM+08, WNP04]. **picoplankter** [SFR+08]. **picoplankton** [ADA00a, ADA00b, BMCvE06, DMEPA04, RlBW02, SRZ04, SR07, TCCG05, WSHN00, vdSvdSG+00]. **Pierre** [FAM+06]. **pigment** [BST+08, Leo08, SPG05]. **pigmentation** [APH+03, Fab06, HLH09, RK02]. **pigments** [BCM01, BLS+06, DOE+06, TCB+00]. **pilot** [Har01]. **pipe** [dGP08]. **pistillata** [GRVF+00, GFPG09, GMRVFP02, GMAFP03, Shi04, WLRB03]. **pit** [SFL05]. **Plain** [BCSW07]. **Plains** [ARK+00, FLWP09, PGL06, PLMPN08]. **planar** [FG06, GTK+01]. **Planina** [VM06]. **planktic** [SF04]. **planktivores** [LL05]. **planktivorous** [MACB07, RH03, SLC+09]. **Plankton** [BYF09, LN04, MGVM+06, SMS09, BDK+06a, BSS09, CDH+08, CW01,

CSK+07, DMJ09, GA00, HWYL07, JS04, JS03a, JN08, LSK+03, MDL00, MIN+05, OAA+06, PSJ00, PRKHW04, PF01c, RlBW02, RWFK00, RZMB05, SIH+06, SAS08, SSS02, SRF+01, SK01, SBB00, SlBWC+00, SSS08, TBG01, TBF04, WDX01]. **Planktonic** [CPV00, KMHE04, TWS03, AD05a, AVA+02, AH01b, BBCW09, CDD+03, DG06, DJT06, DAV04, DdG09b, FGM+03, FXL04, Goe08, GAM+01, GV09, HSS06, HBS05, HB03, JGZ+08, KAM04, KB05b, Kiø07, Law08, LEML09, MZL04, MG04, MBC+05, OHT06, PCC+07, PSHM04, RRCP03, RCVK09, RNA06, RJS+03, SGT+06, SS01, SS04, TJV01, TXH05, TS06, VGP+08, VMS09, WPW+09, vDBL05]. **Planktothrix** [RES+08]. **plant** [BHMS06, KA06, NH06b, SMD+04]. **plant-attached** [NH06b]. **plant-derived** [SMD+04]. **plant-mediated** [NH06b]. **plants** [CCH02, TSMB05]. **plaster** [FAC05]. **Plastic** [SCH07]. **Plasticity** [BKB02, VK06, HH05, HLH09, LTGG03, SMDG04]. **plastids** [GSFB02]. **plate** [HAES02]. **Plateau** [ET08]. **Platforms** [DIMP08]. **plays** [CDD07b]. **plicatilis** [SS03, SS06]. **plot** [KJJ07]. **plots** [MC04, SHBM01]. **Plume** [JLP+08, AKG+05, CRC+03, CSP+01, DCC+01, FSM+07, HDFM08, KLF+03, RHN+02, SQTA07, TMA+01, WW01]. **plumes** [BLBB07, FLT02a, KJ01, RKGC+01, WRD01]. **plumulosus** [SDC00]. **plutonium** [FNLG00]. **POC** [SR02, SR04]. **Pockmarks** [WBP09]. **point** [PBGJ09]. **point-source** [PBGJ09]. **poise** [HDMB04]. **Polar** [GRG02, HSF+08, HRA07, HM09, SRZ04, Vin00]. **pollen** [GVT06]. **polluted** [HDVB01, LFS+02, WS04]. **pollution** [Mul01]. **polonium** [SF03a, SF03b, SF03c]. **polonium-210** [SF03a, SF03b, SF03c]. **polyacrylamide** [ET08]. **polychaete** [HL06, JGE+09, RB08, TS01]. **polyedrum** [LASR09, vDBL05]. **Polygordius** [RB08]. **polykrikoides** [PLK+05]. **polymeric** [HBH+06]. **polymetallic** [KCCE06]. **polymictic** [GA00, MGVM+06]. **polymorpha** [BFC05, BFC07, BDNF01, SWH+05, WBvE02, WvE04]. **Polynesia** [APH+03]. **polynya** [BJG+00]. **polyphosphate** [HRS04]. **polyploidy** [AMW+07]. **polysaccharide** [Arn00, VOG+08]. **polysaccharides** [QSH+02, Tho09]. **polyunsaturated** [CWPL05, RBMN03, VW01, vE02]. **POM** [MRNT+07]. **pond** [HGB00, VVD+09, ZHFD06]. **ponds** [DPC+06, Kil00, SCV04]. **pool** [MIDH05, SP09]. **pools** [BGHA04, CWC+07, MMCW09]. **poor** [Has06]. **poorly** [KL01, LPD+04]. **poppei** [ROP+02]. **Population** [DCMS03, JGE+09, SSH+07, TS01, BGC04a, BJW+02, CMH+08, CK08, DG06, FL08, FMD03, GGP01, HHB05, HM03b, Hol00, JJT07, JVL00, JTL01, Kiø07, LASR09, PCDB09, Reu02, RB02, RA00, RNA06, VKvD05, WST06, WSEL09, ZRL06]. **populations** [ANSS04, Ano04, CBG01, DA03, FKS+01, FRO01, FWM+05, GRDCS09, GWH06, HY01, KCE+00, KMMS00, KSWC+03, LSC+08, LPAQ+05, MG08, MCB08, MC01, MLSS05, RES+08, RL07, SD05, SGPM09, SMDG04, TPSF01, VNH+08, WJMD07, ZLP+03, ZLL+02]. **porcelain** [HH05]. **Pore** [JFH+05, JHW05, BM01, BZH08, CWG+07, FS00, HKD01, LH05, MA08, MGGM06, PH03, PFPH04, RB09, RLJdB08, TPFS09]. **Pore-water**

[JFH+05, JHW05, BZH08, CWG+07, HKD01, MGGM06, PH03, RLJdB08, TPFS09]. **porewater** [DAL02, SL02]. **Porifera** [YWR+07]. **Porites** [JM02]. **porous** [LSF+08, PHK02]. **port** [SNM+08]. **Porter** [Ris02, Ris02]. **ports** [GJRM07]. **Posidonia** [BMD06, DAMM+09, Fol05, GDM02]. **position** [BMF+06, HPLG09, MS06, MM05, NSM09]. **positions** [BVB03]. **positive** [GNU00]. **Possible** [BTKGA07, FSS+00, LSK07, SSV+04, BFCLÁ08, HM09, Kiø00, MPJ08, MHDH00, NFFK00]. **post** [Duf09]. **post-consumption** [Duf09]. **postglacial** [FRO04]. **Postindustrial** [CPL+04]. **postlarvae** [Ann05]. **Postlarval** [BFCLÁ08, GB09, HM02]. **postsettlement** [NA05, PDS05]. **Potamocorbula** [CTCT03]. **Potamoplankton** [CPH06]. **Potential** [TMB07, WLRT06, All00, AE08, BSSL05, BJW+02, CTR+02, DDZ03, EKdF07, FKCF00, Had08, HPT+09, KLF+03, LTOS04, MBF+03, MdG08, MF04, ODR+08, PCvRR00, SLS+02, ZLP+03, ZRL06, ZHL06]. **Potentials** [JS03a]. **power** [HFDO05]. **practical** [Mul01]. **practice** [Bia01, BK01c, FMD03]. **Prairie** [Ham01, KD02, MJ03, PLM+09, QLD+02, RLM+04, WR00]. **Prasinophyceae** [EDF+03]. **precipitation** [CBD+06, DT00]. **precipitation-dominated** [DT00]. **precursor** [BFML05, MBW+01]. **precursors** [GGIAY08]. **Predation** [CPCLS04, LUHS04, SvKM01, SA04, AH01b, DJO00, De 02, EAO+02, HMSI06, HNB+07, HM02, HLH09, JJP04, KLWS08, LJ01, LBC+09, MDJ+04, MD09, MSAC06, ODR+08, PD05, VKvD05, WBR03b]. **predator** [BRM+07, DG06, HHB05, HPV+00, HDWDD09, JS03b, Law08, MD09, PSH08, RH03]. **predator-prey** [Law08]. **predators** [BJL01, DHTH05, SCH07]. **predatory** [BJW+02, FS09b]. **Predictable** [KCWC06, JCK+08]. **Predicting** [AH03, BMSA08, HD03b, SRT+03, vdHPH+09, BFD+04, CMD+09, TSH+06]. **Prediction** [LN06]. **predictions** [VM05, WAB+08]. **predictive** [SCS+08, ASH+06]. **predictor** [CMJ07]. **predictors** [RBJ+06]. **Predominance** [BGHA04, RB01b, MTV+02]. **predominantly** [AD01]. **Preferential** [EW08]. **preferentially** [TP03]. **preindustrial** [KMHN07]. **preliminary** [LWB+01]. **premises** [Ben00]. **Presence** [DR06, BD07, JHW+07, KS04a, KSEÖ+02]. **present** [CWJ09, HBI01, HFZ+07, RL01b]. **Preservation** [GvRE+02]. **preserved** [Dix00, ME07]. **Press** [Bel01, Boy01, Bri01, Elm02, Fou02, Jun01, Kne02, Mil02, Ris02, Sta01]. **pressure** [LGJ02, SKC+01, VVD+09, WLS00]. **pressures** [FL06]. **Preston** [AH01a]. **Preston-static** [AH01a]. **Pretus** [Wan02]. **prevent** [JJS+03]. **preventing** [GJRM07]. **Prey** [CC02, HK06, BF08a, BJW+02, BRM+07, CD02, DHTH05, HG03a, HG03b, Law08, MZL04, NH06b, TFNT07, ZW06]. **Prey-specific** [HK06]. **prezygotic** [Goe08]. **Primary** [BHMS06, LGJ02, MVFD04, MY05, AD05a, AKP+09, Cal01, CP03, CWJ09, CFMH01, CVH+05, CL02, Dal03, DdG09b, GEJ+02, GRG02, GGH07, GEP08, HPE01, HSF+08, HBI01, HHY+05, HBS05, JCC02, KVR03, Law03, LLK05, LL06, MACB07, MBC+05, PBMSG04, RCVK09, SIK07, UPC+05,

WPW+09, YPBL07, YS06]. **primers** [JL08]. **Princeton** [Boy01, Jun01]. **Principles** [Bri01, BK01c]. **pristine** [WS04]. **probable** [AS06]. **probe** [AS02]. **Probing** [SdB06]. **problem** [LSPC02]. **problems** [RL01b]. **procedure** [AD00b]. **procellariiform** [CCM07]. **process** [AGP07, dVKJK07]. **processes** [BHV04, BZ03, BTS+06, BB09, CGH+04, Elm02, GBA00, HBS05, IKT03, KLG09, Kra05, NIE+00, OB04, PWS09, PWN07, RHCS08, SDJT03, SRKK08, ST03, WSNM00]. **Processing** [TCP+03, CV05, GHB+05, WPD+01, dGP08]. **Prochlorococcus** [VD08, BBKC03, BBG+05b, CBB+02, HSN+03, MC00, MPRC02, SMCW02, SHSH+07, ZJC+07]. **produce** [KSEÖ+02]. **produced** [BRT+03, DNB+04, GvRE+02, MHB01, RFM07, VJ07, WS01]. **producers** [CFMH01, CVH+05, MACB07, RCVK09]. **producing** [DMJ09, Lür03, SIRO05, SWH+03]. **Production** [BSJ02, CMB00, FAL01, HY01, HBN+00, KFN00, Møl07, PIKB08, SRM05, TN09, WG01, WW03, AP00a, AFL07, ADA00a, ADA00b, AD05a, ÁSGMP01, AKP+09, BLJ09, BHMS06, BCDH09, BLSQ07, BJBA03, BJD05, Cal01, CP03, CPV00, CKA03, CF01, CH05a, CL02, lLCChTO08, CS06, CRJ08, CGWK+09, CSK+07, CCCC07, CCC09, CJB00, CD03, Dal03, DdG09b, DKA02, DA05, ERH06, GLP+08, GEJ+02, GCG+02, GGH07, GHS05, GEP08, GM03b, GP00, GSJ+09, HPE01, HSF+08, HBH+06, HD03a, HHY+05, Has04, HPAM01, HBF+06, HBS05, HMT+08, IHH+00, IHHH00, JJT07, JKS04, JCC02, KHP+06, KS04b, KFR+01, KBE+04, KBG+08, KWS06, KL00, KNH00, KVR03, KHK+03, KLSW00, KSM+05, LTM01, Law03, LGJ02, Lee01, LCPS05, MHRW02, MB01, MCF+04, MHK+07, MBG+05, MBCD04, MD04, MBR08, MMCW09, MBC+05, MSPAE06]. **production** [MY05, MMW00, NFFK00, NEE08, NSH+09, PAF+04, PBGV04, PM08, RNC03, RBC00, RA09, RvAV+06, RSH08, RCE+02, RLM+04, RG04, SAH+05, SAHS06, SSLE02, SCP08, SB03, SRZ04, SR07, SK01, SJW03, SSAH05, SM05b, SMH+02, TIH+01, TPSF01, TS01, TVSS01, TSA09, TAB+00, THH02, VJ07, VHL+04, WAGH09, WS06, YS06, ZHL06, dVKJK07]. **Production-respiration** [FAL01]. **production/respiration** [SK01]. **Productions** [Gou01]. **productive** [CR06, VMC+07]. **productivity** [BSG+08, CWJ09, DET04, ES00, GRG02, HBI01, HAL+09, HK01, HLL+06, LAJ+04, MOK+03, MPA+07, MMO06, MML+08a, MML+08b, New01, PBMSG04, SIH+06, TB00, TBH07, UPC+05, WPW+09, YPBL07]. **products** [HYH04, KKH04]. **profile** [Leo08]. **profiles** [BYF09, BZH08, JLB+06, LN06, NDT07, NSBA01, PLG+02, PGM+09, SMS09]. **profiling** [MJR08, RNR08]. **profundal** [CCCC07, NEC03, SEC08]. **Program** [Ham01, How00]. **progressive** [KCSM07]. **prokaryotes** [CW02, GZY+08]. **Prokaryotic** [RvAV+06, BAG+09, LNJL09, WSHW05]. **propagating** [HP03]. **Propagation** [LH08]. **Propagule** [AG03a]. **proper** [BEM+02]. **Properties** [TMG03, ABDS04, BMFS+03, BZ03, CFO+00, CBB+02, Cra07, DKA+03, DDZ03, ET08, GSO03, Kir03, Lan03, LSK+03, MLRMR09, MMKN08,

MGC+07, OCSB05, SSC02, SWF04, SBW07, TG03, UHB+08, ZB01, ZMK+08]. **property** [MSZ00]. **Prorocentrum** [JRS03]. **protect** [KVdB+04]. **protection** [RMS+08]. **protective** [HBG+09]. **protein** [RS01, SR07]. **proteins** [CSE+08, MLG+03, ST04]. **proteobacteria** [BGHA04]. **Proteolytic** [OS05]. **protist** [JS04, LCLP02, MDL00, SWS+03]. **Protista** [AG03a]. **protists** [AVA+02, BVB03, RC07, SABA02, SWH+03]. **protobranch** [ST03]. **protocol** [STST07]. **protons** [OHT06]. **protozoa** [BS01, LB00, TF04]. **protozoan** [LJ01]. **Protozoans** [SAP+06]. **provide** [BBCW09, MWE+03]. **provided** [TB00]. **proxies** [MSC+04, TCL+09]. **proxy** [ASS03, FHB+09, PWS09]. **Prymnesiophyceae** [EPS00, TJV01, TSG+01]. **prymnesiophyte** [DK06]. **prymnesiophytes** [vdSvdSG+00]. **Prymnesium** [BGR+09, Leg01, SH03]. **Pseudo** [THL+09, MHRW02, MMLH06, MH07, OLCT08, PD02, SGG+08, TWC+09]. **Pseudo-nitzschia** [THL+09, MHRW02, MMLH06, MH07, OLCT08, PD02, SGG+08, TWC+09]. **Pseudocalanus** [SvKM01]. **Pseudomonas** [CG08]. **pseudonana** [BS03, EH00, SWN08, SSC02]. **Pseudopterogorgia** [JL08]. **psychrophiles** [CTY06]. **psychrotolerant** [CTY06]. **Pu** [NSBA01]. **public** [CK00]. **Puget** [MMKN08]. **pugettensis** [DD09a]. **pulex** [AY08, HD09, ZB03b]. **pulicaria** [BAPMMB01, CWPL05, GPAP+04, HD09, SW05a, WH07]. **pulsations** [Mor06]. **pulse** [KBG+08]. **pulsed** [HPAM01]. **pulsed-tracer** [HPAM01]. **pulses** [HBTM05]. **pump** [BBL+03, RCL+02, WC04]. **pupal** [SrL05]. **purified** [GPAP+04]. **purifying** [Alv07]. **pycnocline** [SFL05]. **pyrifera** [FSB+08]. **pyrophosphate** [SMP+01]. **Pyrosoma** [LJ09].

qualitative [RJS+03]. **quality** [AFH07, BB03, Boe00, BMNSK00, BvE07, BH02, BLG+07, CWPL05, HRGM07, LFPH07, MBK+09, MSJMN02, NHPHH08, QMS+07, RBMN03, RL07, SBS07, Sos00, SS01, SS04, TRF+06, VPA02, WBvE02, WvE04]. **Quantification** [DSD02, FSK+04, GYBA04, HPLG09, Ost03, PBGJ09, TFNT07]. **quantified** [AS02]. **quantify** [BHV04, GMMW03, KH03, SD00]. **Quantifying** [CH01, HFR09, MKV01, PDH06, RVP+09, THA01, VHL+04, WA09]. **quantile** [BMSA08]. **Quantitative** [DB07, DKRZ06, Kut04, RJS+03, BLS+06, SF05]. **quantity** [AFH07, QMS+07]. **quantum** [HMKZ02, MMS+02, Mor03, VSSTS00]. **quartet** [RVP+09]. **Quebec** [RKH03, PBC02, MPAS00]. **Queen** [KW04]. **quotas** [BFCS+01].

R [Caf01, Dow02, Elm02, Mil02, SMS09, Wro01, WGKE04]. **Ra** [BSA+00, RVP+09]. **Rabalais** [Dow02]. **radiance** [DKRZ06, VMS+03]. **radiances** [MS03, MZV03]. **radiata** [WLP+07]. **radiation** [ARB+04, ARK+00, BSMR08, BN01, BVH02, BVK02, CMSVA02, DTFL03, DSW05, FGM+03, GRV+09, GWK01, HR00a, HBS04, HBS05, KLWS08,

KBD+00, LVC+00, LCS+03, LW01b, LBC+09, Les01, LLB04, LFPH07, LNB02, LA06, MSAC06, MGW+05, NRB08, OV03, SWN08, SNPK+09, TXH05, WdMD+00, WWS+00, ZB00, vdPAJ+06]. **radiation-dependent** [HBS04]. **radiation-nutrient** [MSAC06]. **radical** [PBGV04]. **Radically** [PH07]. **Radiocarbon** [RA06, BW01]. **radioisotope** [NKJM06]. **radiometric** [SSMM00]. **radionuclide** [RFM07, Shu01]. **radionuclides** [JBvHS08, SM02]. **Radium** [BSL+07, Kra05, CBA01, Cha07, KM02, KH03]. **Radium-226** [BSL+07]. **Radon** [CHB08, CBH08]. **Radon-222** [CHB08, CBH08]. **rainbow** [BCBS04]. **rainfall** [DC05, GGS06, RNR08, TMG03]. **Rainwater** [WKSM08]. **Randers** [BDS+04]. **random** [DR00, KCWC06]. **range** [HBH00]. **ranges** [FBW+08]. **ranging** [SF05]. **Rangiroa** [APH+03]. **Raphidophyceae** [BGC04a, LCS02]. **raphidophyte** [SNM+08]. **Rapid** [GD01a, Har01, HPAH+02, MCJ+06]. **raptorial** [VKvD05]. **Rate** [BGJ01a, BGJ01b, AKE04, AFH07, AELS04, ASAC04, BCV+08, CEBMF05, CG08, Com02, dSFFTD07, FKCF00, GFK00, IHHH00, Lan03, MC00, MF01, MF02, MB05, RSY04, SCARM00, SKH+01, SQTA07, VPA02, WGKE04, WSL+02, YNCK04]. **Rates** [BZH08, JKGT08, LLF+09, AD02, Ano04, ASAC04, AVA+02, ASH+06, BF08a, BMSA08, BPF+08, CRJ08, CHB08, FSBB05, Fra01, GEJ+02, GRdL+08, HK06, HCC+02, Har01, Has04, HB03, HFZ+07, JS04, KD02, KB05b, KKT05, KGP+02, KSWC+03, Mar05, MHB03, MHC05, MPB+08, MVW+04, PIKB08, PAS+05, RC07, SAS08, SSAZ01, SON+03, SWH+03, TRT03, TSH+06, TGdB+01, TvdWdB04, Too01, TFNT07, TS00, VGP+08, WBP+06, dBWF+05, Ano08a]. **rather** [ATJH08]. **ratio** [BSMR08, CCC+03, CS05, FQC+07, LMBP07, MBLP01, MKM06, NHPHH08, OKO+01, RCVK09, Sch01, SL01, VW08, VPA02]. **ratios** [ALRM08, Ano04, Ber01, BBP+06, CSK+07, DdG09a, ETCP03, Fin04, GKJ04, HW07a, HSR+08, HABF03, HM06a, HFZ+07, IR06, KHQ01, KSWC+03, LGN+06, LTGG03, LBG+09, LG04, LMT05, NH06a, RFM07, SAS08, SF04, TBHS01, ZWC+04]. **ray** [HSN+03]. **rDNA** [MWH01, RV04, vdSvdSG+00]. **Reach** [BHV04, TMP02, Bat00]. **Reach-scale** [BHV04, TMP02]. **reaction** [RMS+08]. **reactions** [HPL+06]. **reactive** [HM09, SM02, SBM04]. **reactivity** [BRT+03, DAL02, MH00, NCÁSP06, OH00, TM05, WR00]. **reactor** [dGP08]. **realm** [AGDH09, RvAV+06]. **reared** [TW09]. **recalcitrant** [VJ07]. **recently** [RM06]. **receptors** [AGMP04]. **recharge** [CIWH09, KH03]. **reciprocity** [GWK01]. **Recognizing** [OHCP02]. **recolonization** [LTOS04, PW01, SA00]. **reconciles** [TIH02]. **Reconsidering** [AE08, Had08, MF01, MF02]. **Reconstructing** [HCH00, PDTR06, TBHS01]. **reconstruction** [JS03a]. **record** [ES00, FKCF00, GDB+09, GSG+05, HLD+03, KBE+04, MWE+03, Pil04, RMG+04, TB00, Tun00]. **recorded** [GWH06, SRL+09]. **records** [SA09, TB05, TCL+09, ZC02]. **recovering** [MED+08, RRHPT+06, VMKN03]. **Recovery** [DP04, HBH+07, HBS05, KCCE06, RG07, SK04, WMRK06]. **Recruitment**

[BBG05a, MG04, NBW+02, AH03, BTKGA07, CTR+02, HM02, JL08, LW02, MW02, PvAB+03, SP09, SDH02, TCR03, WCM09]. **recruits** [JL08]. **recurring** [RKNA09]. **recycling** [LFFC06, SK05, SDV+06]. **Red** [BTKGA07, DKRZ06, FPZ09, FWM+05, KW04, MLC+07, BW01, DCMS03, JVL00, KHNV05, KSP07, MHDH00, PLK+05, PN06, PMK08, LPAQ+05, NA05]. **red-tide** [JVL00]. **Redfield** [Chr05, KHQ01, MBLP01]. **Redfieldian** [PLW+08]. **redistribution** [DR00]. **redox** [ESSS01, KSM06, KSM+05, TIH+01, UWA+07]. **reduce** [HFLD03, HW09, JJP04]. **reduced** [EMWL06, HBI01, TCD+03]. **reduced-gravity** [HBI01]. **reductase** [HWL+00]. **Reduction** [QYEA06, SKNK09, GMA+06, GSLT08, JPJS06, MP00, RW02, SRNW06, Sos00]. **Reef** [Chi00, DDL+09, SGLT08, SSV+04, SWML08, ALH01, AS00b, AP00c, BSM01, BPC06, BTKGA07, FAL01, FAM04, FAC05, FAL+07, FMWC00, FSSV08, FB05, GMR+09, HMSI06, HLM08, HG03a, HG03b, JLP+08, JP03, LGJ02, LWP+07, MG08, MSL+03, PC04, PSS+06, PVD+07, RMK+06, RKM+06, RCAK05, SLKP05, SMH+02, SSL05, TGF00, VNH+08, WLRT06, WKH+06, YYB+05, dGMH+08, GEP08, KDS03, LLvW+03]. **reef-building** [BPC06]. **reef-lagoon** [WKH+06]. **reefs** [Bat02, BF08b, BTKGA07, CCC+01, FDP+08, LSM03, PSH+07, RKK09, Ris02, UMY+02, YYG02]. **reflect** [BEM+02]. **reflectance** [DKA+03, Fyf03, GDCG08, MZV03, RDPM06, SLRM03, VM05, WR03, ZB03a, ZVRL03]. **reflected** [FHBK06]. **reflects** [AM08, BMNB+06]. **refractory** [CM03]. **refuge** [MHLN01, MD09]. **Refuges** [WBP09]. **refugia** [Ano08b, CSG+06, HBTM05, BJL01]. **regeneration** [ABFS09, BA01, CRJ08, DHWW02]. **regime** [ACHG07, BCSW07, DACG01, JSJ03, KMC+00, KSS+07, MGRE+07, MVA+09, NIE+00, SSvNH01, SSvNH03, TYK+08, vdPVB07]. **regimes** [BVH02, BRS01, CJ08, Car01, EAO+02, LKB04, MJW03, OCSB05, PBM+07, TKM07, WBB09, WBR03b]. **region** [BS02a, BZS07, JBM+07, MBPVR06, SRZ04, THL+09, XLF+03, ZB01]. **Regional** [CBK+08, EJL+06, HWA03, Rit09, XLF+03, CLF+08, GBL+04, HH03, LD01, MCB08, NSH+09, RLP+06]. **regional-scale** [HH03]. **regions** [BMH+08, HSF+08, PGC07, VPH+07, WS01, XLF+03]. **Regression** [McA03, BMSA08]. **regrowth** [PW01, TYK+08]. **regulate** [BDK+08, RH06]. **regulated** [BNM+09, SB03, THR00, WLS00]. **regulates** [BLJ09]. **regulating** [MJW03]. **Regulation** [CCS06, FLWP09, GP06b, LJ01, SGPK07, SL00, DGD04, DR06, FQC+07, FSS+00, HW08, JKGT08, MP00, SFB+09, STP+07, SSJ07, TW09]. **regulators** [TDC+09, WSVS09]. **regulatory** [BPLH04, MRNT+07]. **Rejoinder** [EW03, OSDB07, TSDK+09]. **related** [AWE07, AE08, AAD08, BMFS+03, BHV04, BDK+06b, DJG+06, DS07b, Had08, LSK07, MFK+09, MBDL01, Mor06, PvAB+03, TS00, TG03]. **Relating** [BGC04a, CBD+06, HBL02, UHB+08, GRCS06]. **Relation** [DBS+04, AS06, BBLB05b, BBLB05a, Dup00, FMWC00, FNLG00, FCJ+06, GHS05, HB03, KHP+06, LALE04, LMBP07, MNSV03, MGF03, SGPK07,

TGdB+01, TvdWdB04]. **Relationship** [HHY+05, KTLS03, KSS+07, LRMV04, ODR+08, VDK04, BAPMMB01, BSS09, Cul06, ERH06, GH00, HSLV05, Hol00, HWL+00, KL00, LD01, MRM07, TRT04, TCB+00]. **Relationships** [CKPS04, HBCK03, JL08, LIE06, MS06, SH04, ZB01, BDC00, CPB+08, CLC02, FAL01, Hei08, IKT03, Law08, LTB09, MPAS00, MDL00, MBC01, RLM+04, RJS+03, SAS+03, TCC06, WBD02, Wey04]. **Relative** [LFFC06, ML02, MML+08b, dGP08, AH01b, BOC01, BW00, CNGV09, EKD+07, FF04, HLP08, JKS04, LLvW+03, MBR08, PWN07, PD05, RH06, SKR01, SMC08, SHS01, TKAW03, VMC+07, XTSM07]. **relatively** [RB08]. **REelease** [KTLS03, HHS05, HM09, WW07, BW99, BW00, FXL04, HMNL06, JNKdV09, KB06, MB05, MBH+06a, MBH+06b, PRKHW04, RTT+02, SRG00, TRT03, TSKA05, YW02]. **relevance** [LBT06, PvE00]. **Relevant** [BB04b]. **relict** [PCD+08]. **relicta** [BRM+07, BCMR00, HLNM+03]. **relief** [CR06]. **remain** [HKF01]. **remains** [LNJL09]. **Remarkable** [HSCF06]. **remineralization** [DD09a, DR06, GGDC04, Plo01]. **Remote** [BDNF01, SPG05, WR03, DZL+03, GBA00, HM03a, HTWG08, KDS03, Kut04, LRS+03, PFN+05]. **remotely** [YWR+07]. **removal** [AD05b, ATJH08, HBAK09, HTS+09, HBM08, MHS+09, PNPA04, RCAK05, SK04, YSM+03]. **Removing** [KHQ01]. **REMUS** [SGLT08]. **renewal** [AELS04, HPAH+02, PFH+03, WRG+05]. **reniformis** [TGFPT08, TTG+09]. **reoligotrophication** [GP06a, JJS+03]. **repair** [GWK01, LNB02, RMS+08]. **repellents** [HMJ04]. **repetition** [CEBMF05, GFK00, Lan03, RSY04, SKH+01, SQTA07]. **replace** [TSG+01]. **replete** [dlM09]. **replicated** [CG08]. **Reply** [AP00a, AE08, BK01b, CP03, CR08, MWE+04, SR04, SSvNH03, SRG00]. **Reproduction** [VC05, AY08, BB05, BB04b, DKt08, GWK01, KS04b, LLB07, MBK+09, PDS05, RB06, SS03]. **Reproductive** [KWTS07, AD07, Goe08]. **requirements** [Ano04, BFC05, BFQF+07, KSWC+03, MWM+04, MMLH06, MW06b, PQP05, SrL05]. **Research** [Ham01, Ack03, Bia01, IKT03, STST07]. **reserves** [RG07]. **Reservoir** [CWLH06, BI07, BSG+08, CNGV09, GCG+02, HKNG08, HLL+06, KB08a, KB08b, PE07, SVC+07, VCCS05, VRC07, VOG+08, WŠN+07]. **reservoirs** [CG01, KVR03, MNA+09, RORR+09, TDC+09, WSVS09]. **Residence** [RC05b, CBH08, MRNT+07, MCLM02, NTM+05]. **residual** [BDvO+03, FRO04]. **Resilience** [WMW+08, BF08b]. **resistance** [AD07, RRCP03]. **resolution** [BM01, DZL+03, ES00, FDH+01, GBA00, HTWG08, KKH06, KJH03, MSL+03, NDT07, OHUB00, SHS03b, WAB+08]. **resolves** [PCDB09]. **Resolving** [ETCP03, SM05a, HM03a]. **resonance** [ART+06, AI03, CEA+09, WdBD+01]. **Resource** [BB03, CMH+08, CPCS01, SrL05, CPCLS04, CC02, EW07, KDO09, MSAC06, PDH06, TBG01]. **resources** [ABJ+06, BDC00, Dow02, MSJMN02, SJRB09, TMP02, vNHM+09]. **respective** [NIE+00]. **Respiration** [KJJ07, MTC+06, MBG+05, CPV00, Com02, FAL01, GEP08, JHW05, KAJ08, LGJ02, LBG+09, LEML09,

PIKB08, RvAV+06, RSH08, RH06, SRF+01, SK01, Too01]. **Respiratory** [PG00, LBSY02]. **respired** [MdG08]. **Response** [ABJ+06, ACD10, AWLH04, AWH07, Car01, CH05a, DOE+06, LTHW04, MB00, MD09, MED+08, MAC+03, MSPAE06, NT08, SEC08, SMS09, TSKA05, WWWY05, AK00, BSMR08, BB04b, BI07, CMJ07, Coc01, CMB00, CJWR05, DSW05, FSSH03, FL06, GRG02, GN00, Gil03, HAG08, LDC+01, LPAQ+05, LLK05, LP07, LCPS05, MBL+01, MGH08, MSH+06, MVC+05, OBSD04, PD02, RLP+06, RP06, RRH+03, RG08, SRT+03, SS06, WK09, YCM+01, YS06, vDBL05]. **Responses** [FF04, LG04, LSK+03, ML05, Smi06, WDX01, WM06, ZLP+03, BD07, BLM+06, CWPL05, CGWK+09, DKKA09, GCJ+06, GEP08, GWK01, HB05, HMR+07, HBM06, MA00, MBPVR06, OAA+06, SSH+07, WGD+02]. **responsible** [PFL07]. **Resting** [JGZ+08, AFL07, KRM09]. **restoration** [How00]. **restoring** [Bel01]. **Results** [CCKP02, HTS+03, KCP+04, MT06, vOMSM06b, AWH07, HR07, OSDB07, TVL+00]. **resurrection** [KW04]. **resuspended** [KWS06]. **Resuspension** [Bea03, CJB00, GJT+08, JJS+03, KBE+04, NTM+05, NHPHH08, PF01b, SPZ03, SABA02]. **retention** [AMS+08, BFS02, CSPW00, ED05, FSSP02, GM03a, GVT+09, LB04b, MGMW06, PC04, SLE04, SMJ+06, SHBM01, VEMM07, WLS00]. **returns** [HW07b]. **reveal** [AD07, MBR08, NDT07, Reu02]. **revealed** [PLM+09, SF05, STK+04]. **reveals** [FTY+06, LPAQ+05, MGRE+07, RA00]. **reversal** [CCAÆ06]. **Review** [Bel01, Boy01, Bri01, Caf01, Dow02, Elm02, Fou02, Gou01, Jun01, Kne02, Mil02, Pom01, Ris02, SG02, Sta01, Wan02, Wro01, Ack03]. **revision** [TIH02]. **revisited** [AKG+05, KHQ01]. **Reworking** [KF01]. **Rhône** [ASS03]. **rhizosphere** [FG06]. **rhodamines** [UGSMN01]. **Rhode** [Ano08b, CSG+06]. **rhodolith** [FKCF00]. **Rhodophyta** [PGC07]. **rhythms** [UPC+05]. **Ría** [ÁSGMP01, SGG+08]. **ribosomal** [WGKE04]. **Rica** [SRM05]. **rich** [BHV04, BLG+07, CGCPA08, DNB+04, Has06, JCC02, PTKP00, PCA+00, SWS+06, SBW07, WCB+06]. **Richard** [Boy01]. **richness** [BS02b, ERH06, HSLV05, RLM+04, WHHS06, WSHW05]. **Ridge** [Dix00, SWD+05]. **Rift** [Pil04, JM08]. **Riftia** [RSS+03]. **Rinsjön** [Sos00]. **riparian** [FQH+01]. **Rise** [NDP+07, LRF07]. **rising** [BF08b]. **risk** [ACHG07, DJO00, De 02, HR03, JJP04]. **River** [CGD08, CF01, Fis00, HB06, KCSM07, MCJ+06, MSJMN02, SDJT03, AJS07, BLBB07, CCS06, CL02, CPH06, CRC+03, DD09b, DBWS06, FSSP02, HBTM05, HDFM08, JCW08, JBvHS08, MBCD04, PCA+00, SB03, SDvEB06, TMUW02, TSSWK+06, TSDK+09, TSMB05, THJ+09, VVSM09, WTM09, dCCL09, dGP08, AJS07, ASS03, CWWS00, CB04, DFBA07, DCC+01, DS07a, FSM+07, HMT+00, HDFM08, MA08, NA03, RBC00, SRT+03, SBM04, SQTA07, TWS03, TSMB05, TB09, WGN+08, WC04, dGP08]. **river-** [JCW08]. **river-dominated** [CL02, DD09b, DBWS06]. **River-estuarine** [CWWS00]. **Riverine** [WHC+06, ABJ+06, BLBB07, CG09, CYN05, DGCMK00, FL06, GP00, KS04a, WGN+08, WNAW09]. **rivers** [AS06, Ber03, CKA03, CSPW00, CH05b, Dod06, HA01, HSB+04, MJEM06,

PWH+04, RLC+01]. **Rn** [CDBC00]. **RNA** [ABJ+06, VD08, VPA02]. **Roads** [WMW+08]. **Rock** [WMRK06]. **Rockall** [vODL+09]. **rockfish** [RRSC01]. **Rocky** [BSS+01, ABFS09, DMS+03, Har02, HD03b, HHT01, SMA+06, WL06, BMC07, EPP+08, ML02]. **Role** [CFG07, DH01, HA01, KNN06, LVB08, LF09, MHB03, PWH+04, VOG+08, WNAW09, ARB+04, BRL03, Ber01, BZH08, CT05, CPL+04, CDD07a, CDD07b, CMC+09, DTFL03, EPS00, GAM+01, GHJ+05, HCK02, HM09, HBS05, HH02, JHGGP06, KAM04, Kiø00, KRM09, LTGG03, LN02, LMZB08, MOK+03, MCvEH08, MID+07, MKS08, OHCP02, PP04, RBMN03, RKH03, RHJ02, Sch01, SBS07, SVC+07, SW05b, SLL+04, Thi00, THJ+09, TLM04, TMB07, UL05, WvE04, ZWHP04, ZGP+00, vDBL05, vWSBT08]. **roles** [AFH07, AP00b, FBW+08, GZL02, HH04, HM02, PWN07, WCL+07, ZWC+04]. **Rolpa** [SCY00]. **Rolwaling** [SCY00]. **Rømø** [dBWF+05]. **Roosevelt** [Gou01]. **roots** [KA06]. **Roseg** [TMUW02]. **Roseophage** [RSS+00]. **Ross** [BSR+07, Smi00, TA03, dVKJK07, dVKT+09]. **rotating** [dlFSIN08]. **rotifer** [CPCS01, CPCLS04, GRDCS09, Gil03, HBM06, KSP07, RRCP03, VZM07]. **Rotifera** [SS03]. **Rotifers** [GS04, DHP03, MA00]. **roughness** [FAC05, JWRW07]. **round** [UMASG07]. **Routes** [HCC+02]. **rRNA** [MWH01, PCDB09]. **rubens** [MA00]. **ruber** [LEML09]. **RubisCO** [RSS+03, SHSH+07]. **rubra** [CRY+08]. **rubroniveus** [GHS05]. **runoff** [DC05]. **rural** [GHTJ00]. **Russian** [SJR+04].

S [AE08, Caf01, Mil02, RV04, SMS09, AHM+08, MWH01, VTO+05, vdSvdSG+00]. **Saanich** [Tun00]. **Sacramento** [MSJMN02]. **Sagami** [GTS+09, GSB+09, HHY+05, SAH+05, SAHS06, SAS08]. **Saginaw** [BDNF01]. **Saharan** [RORR+09, RG02]. **Saint** [FAM+06]. **Saint-Pierre** [FAM+06]. **saline** [DHP03, HL02, RVP+09, RA09, RBJ+06, WR00]. **salinity** [BKB02, BdG02, CF01, FHB+09, GN00, JCBA08, KKS+01, LVB08, MPD+06, RB09, SP02, TM05, dGB02]. **Salmon** [HFE07, SAH+04, BBP+06, BLS+06, BLSQ07, FCJ+06, HW07b, ML05, RPR+08, SFB+09]. **Salmon-derived** [SAH+04]. **salmonids** [CPB+08]. **Salpa** [LIE06]. **salps** [LIE06]. **Salt** [THT+09, BGE04, BCDH09, Cha07, FSK+04, GK03, LN06, PDTR06, PL09, SH06, TSML07, ZHFD06]. **saltmarsh** [KGP+02]. **Saltmarshes** [CLG08]. **Salton** [RA09]. **sampled** [PWN07]. **sampler** [BM01]. **San** [MSJMN02, CZRD+04, CTCT03, CGL03, CG03, CGL+04, CCH02, Kim05, Leh00b, LRF07, LF09, MC06, NDCP06, NCC00, SH06, WKFP06]. **sand** [RLJdB08, SFC+00, WBP+06, WWS+00, YYG02]. **sand-substratum** [WWS+00]. **sandflat** [DAL02, HR00b]. **sands** [GHM+09, RB08]. **sandy** [BM01, CR06, CWG+07, HU07, JHW05, dBWF+05, JFH+05]. **Santa** [BVB03, BBG05a, MSSW+07]. **sapidus** [HFC+04, JWRW07]. **Sarasota** [DC05]. **Sarcocornia** [EMPI07]. **Sarcocornia-dominated** [EMPI07]. **sardine** [MRM07]. **Sargasso** [Ano07, CGH+04, CCF04, LSSA04, MAMC02,

MCM06, TT05, TKK+03, ZXN+08]. **Satellite** [HDFM08, BST+08, KSS+07, Kut04, SHS03b, UM05]. **Satilla** [CWWS00]. **saturated** [SHGM06]. **saturating** [NA09]. **saturation** [CPGC09, GWR+09, TvdWdB04]. **Sau** [VCCS05]. **saxatilis** [BFS02]. **scalars** [MF04]. **Scale** [SAE+08, ASGA+07, AIS00, AIK04, ABFS09, Bat00, BHV04, CSM+08, DJH05, EGP08, GGIA06, GBA00, HH03, HISW00, HMD+07, LBEP06, LES+05, LH05, LP07, MRM07, MHKP02, MMKN08, NFFK00, OD08, PF01a, Plo01, Plo08, RKWG00, RHJ02, RLM+04, SCB03, SI08, TMP02, Tun00, TG03, UMY+02, WG04, WdBD+01, YT09]. **Scale-dependent** [SAE+08, GBA00]. **scales** [BB04b, Dav00, ETCP03, FSSV08, GP06a, HS04, MCLM02, PH07, RS09, SGPM09, UHB+08]. **Scaling** [HBH00, KMHE04, MCR+07, OS01a, RS09, SC07, CMH+08, Fin01, HFDO05, Kiø00]. **scallops** [PP00, TG09]. **scan** [MSL+03]. **scattering** [Agr05, BMFS+03, BVN+00, BVN+02, BVK02, DRM+09, EMIP05, GD01b, KJH03, LMBP07, PE07, PED+09, SW05b, ZLL+02, ZMK+08]. **scavenging** [BL07, FZL+05]. **scenarios** [FS09a]. **Scenedesmus** [AGL03, LV01, Lür03]. **Scheldt** [BDS+04, HDVB01, SMH+06]. **schools** [RFW08]. **Science** [Wro01, Bia01, Wan02]. **sciences** [Gai00]. **Scientia** [Wan02]. **scintillans** [DCMS03]. **Scleractinia** [DDL+09, QYEA06, WCGBG07]. **scleractinian** [DOE+06, GRVF+00, GFPG09, GMRVFP02, GMAFP03, TGFPT08, TTG+09]. **Sclerolinum** [SWD+05]. **Scotian** [GPHS08]. **screen** [BD07]. **SCUBA** [GFK00]. **SCUBA-based** [GFK00]. **scyphomedusa** [RG06]. **scyphomedusae** [PD05]. **Sea** [BTKGA07, BB07, BLM+06, FPZ09, MFG+09, RA09, SH05a, TMYH02, YM03, dVKJK07, dVKT+09, AD02, BSM01, Bat02, Bea03, BF08b, BBKC03, Bou04, BMH+08, BJBA03, BZ02, BZH08, CMCB+09, Dit04, DJH05, DS07b, EKdF07, EPD09, FHB+09, GWH06, GMMW03, GSFB02, HHM+09, HSB+04, JK08, Jun01, KLAF04, LSPC02, LLB04, LLF+09, MSH+06, NHN+05, PTK+07, PCvRR00, PMPC00, RSH08, RG04, SO07, SL02, SR02, SR04, SDV+06, TS08, WCM09, WCL+07, YSO02, ART+06, Ano07, AWE07, BZH00, BSR+07, BEW+00, BEM+02, BBJ+06, BTS+06, BRP+06, CGH+04, lLCChTO08, CLL+09, CCF04, Dup00, FDH+01, FNLG00, FWM+05, FTC+06, FTY+06, GEJ+02, Goe02b, GLVFH09, GWL+07, GST+01, GZY+08, HLK+07, HVH00, HSB+06, HH02, HWYL07, HWL+00, JHW+07, JHW05, JKGT08, KBL08, KKS+01, KLF+03, KUP+06, LHWE01, LB09]. **Sea** [LIE06, LSK+03, LPAQ+05, LCC+09, LMBP07, LSSA04, LHB04, MLC+07, MAMC02, MBLP01, MT06, MGRE+07, MWH01, MCM06, NDT07, NA05, OS01b, PTK+07, Plo08, RVP+09, RSY04, RSH08, RG02, Sch00, Sch01, SSA+04, Smi00, SM01, TA03, TT05, TKK+03, VJ07, SVPK+09, WMW+08, WKW09, WGC00, WSBL06, XBD+09, ZXN+08, dBWF+05]. **sea-levels** [BF08b]. **sea-surface** [FHB+09, RSH08]. **seabed** [KJH03]. **seabirds** [CCM07]. **Seaborne** [RDPM06]. **seafloor** [KCCE06]. **Seaglider** [PSEL08]. **Seagrass** [VNH+08, Ano08a, BMD06, BMT+04, CSWD07, CT02, DAMM+09, DZL+03, EWE02, FF04, FMD03, Fyf03, GDM02, HPV+00,

JNKdV09, LMZB08, MPB+08, PF01a, PVD+07, SCDR07, SHBM01, ZB00, Zim03, vdHPH+09, Fou02]. **seagrass-vegetated** [LMZB08]. **seagrasses** [DDZ03, VMSB08]. **seals** [BTB+08]. **search** [JLH01, SSS06]. **searching** [KDO09]. **seas** [BGE04, JGE+09, NML+05]. **seashores** [Kne02]. **season** [HFC+04, KKKT07]. **Seasonal** [AIS00, Bat02, CC01, Car02, CMD+09, lLCChTO08, CSG+06, Cro03, DD09b, Dav00, DHWW02, DAMM+09, DBTK02, FMWC00, GGRJ03, GJS01, GNU00, HSB00, HM03b, HST+02, KM02, LLS08, LBM+04, MN04, PGC07, PKKB05, PDR+09, Pil04, RNC03, RZMB05, SAH+05, SJ08, TS06, TVSS01, THA01, TCCG05, VGP+08, VCKS08, WŠN+07, WS04, WKW09, AR06, AI03, BTS+06, Cha07, CMJ07, GD00a, GCS06, JPJS06, LAG+03, LB09, LKAB04, LCC+09, MMKN08, MLPS09, PL09, RKNA09, SBM04, TRT04, UM05, VMH+01, VRC07, WAB+08, WSEL09, Ano08b]. **Seasonality** [Com02, FPZ09, AD00a, CH05b]. **Seasonally** [HAA09, HLCG07, MGL02]. **seaward** [LWP+07]. **seawater** [AW05, BSM01, Bat02, DLZ+09, DCC+01, KLC06, KLS+06, KLS+07, LvdB09, LGN+06, MOK+03, NMK03, OS05, SRL+09, SWF04, SBW07, TGdB+01, TG03, WKH+06, WKSM08, ZB01]. **seaweed** [ABFS09]. **SeaWiFS** [LAG+03]. **Secondary** [GHS05, REL06, SSAH05, TSA09, CL02, NA05, TS01]. **secretions** [LB00]. **section** [BW01]. **sector** [AO09]. **SEDEX** [AD00b]. **Sediment** [AD05b, BF08b, CGL+04, DKA+03, DT00, GWR+09, TVL+00, ZC02, ACHG07, BDvO+03, Bat00, BRW07, BRB+01, BNM+09, CSWD07, CV05, CCCC07, CCC09, DR00, DRSL07, Dup00, FS00, FT03, GM03a, GRdL+08, GRB09, GJT+08, GM04b, GTS+09, GSB+09, GVT+09, HFDO05, HR00c, KB01, KCSM07, KBE+04, KA06, LSPC02, LBB+04, LRMV04, LMMW03, MW02, MCJ+06, ME06, MA08, MGF03, Mil02, NCO02, NHPHH08, NHTF01, PGP01, PTLJ01, PTKP00, PF01c, RKH03, RHJ02, RHJ05, RTT+02, SPZ03, SPM04, SEC08, SFB+09, SDJT03, SSAZ01, SA09, SDKZ+09, SCDR07, SdB06, SBM04, TB00, TTSC04, TMG03, TN09, TMA03, VvOBM06, VEMM07, VTR03, WŠN+07, WW02, vOMSM06a, vOMSM06b, vWSBT08]. **Sediment-mediated** [BF08b]. **Sediment-water** [CGL+04]. **Sedimentary** [NK05, RMG+04, GFJ+02, MPdVG07, NSBA01, TB05, WCL+07]. **sedimentation** [DTL+05, Ham02, HHB05, WSHN00]. **sedimenting** [KUP+06, LBB+04, RJS+03]. **Sedimentological** [PD02, ME07]. **sediments** [ART+06, AJ01, AD00b, Arn00, AHR+01, BMD06, BM01, BVB03, BEM+02, BZS07, BGJ01a, BGJ01b, Bou04, BBP+06, BLS+06, BZ02, BZH08, CT05, CYN05, CM03, CR06, CWG+07, Dal03, DSD02, DKRZ06, DNS06, EPP+08, EPD09, FSSP02, FDH+01, FPPH06, FSK+04, GGDC04, GvRE+02, HBH+07, HHS05, HPAM01, HOFD01, HKD01, HR00b, HAES02, HRS04, IKT03, JFH+05, JHW05, JNKdV09, JM08, KSM06, KF01, KWS06, KMHN07, KGP+02, LCS02, LH05, LNJL09, LMZB08, LMMW03, MMW06, MMDW09, MSSB06, MD04, MKV01, MV03, MGGM06, ME07, MGMW06, Nil03, NEC03, OH08, OKO+01, PFPH04, RB09, RW02, RHJ04, RHJ05, RTT+02, RGRPD04, RJS+03, RBJ+06, SLE04, SSK06, SD00, SL02, SR02,

SR04, SDKZ+09, SDH02, SrL05, SLRM03, SL00, SMH+02, TPFS09, TB00, TKBJ05, TSML07, VHL+04, VPH+07, VM06]. **sediments** [WMWV04, ZVRL03, dBWF+05, dBSN+06]. **seed** [SDH02]. **seep** [BFS+04, TBHS01]. **seepage** [DT00]. **seeps** [LM02]. **sei** [BF08a]. **seiche** [LMB05]. **seiches** [RS02]. **selected** [XLF+03]. **Selection** [RB08, Alv07, BD07, HMS+04, LLS08, PVD+07, SD05]. **Selective** [DHTH05, HFC+04]. **selectivity** [HK06, IHH+00, MVFD04]. **selenides** [BFDC01]. **selenium** [BFS02, BFD+04, CBG01, MC06]. **semi** [DB07]. **semi-labile** [DB07]. **semienclosed** [GGRJ03]. **semivolatile** [BSS+01]. **sense** [GF02]. **sensing** [BDNF01, DZL+03, GBA00, HM03a, HTWG08, KDS03, Kut04, LRS+03, SPG05]. **sensitive** [FHDKR03]. **Sensitivity** [dSFFTD07, BN01, ESA06, GA00, JB00, LNB02, SWN08, SNPK+09, vdPVB07, vDBL05]. **sensor** [MMW06]. **Sensors** [DIMP08, JN08, MJR08]. **sentinel** [MVA+09]. **sentinels** [AOZ+09, MLRMR09, Sch09, WSVS09]. **separating** [SA09]. **separation** [CMJ07, FTY+06, GDL+00, SMA+06]. **sequence** [RSS+00]. **sequences** [CHW+01, RV04, vdSvdSG+00]. **Sequential** [AD00b, KBE+04, SABA02]. **sequestration** [SBZ+09, vWSBT08]. **Sereda** [ACD10]. **series** [AHHH+07, GHN+02, HTWG08, MCPP06b, MVC+05, MN04, SKBC01, SRKK08, SON+03]. **serotype** [TP03]. **seston** [BDK+06a, CV05, NPE08, RKNA09, SAE+08, TNM+01]. **sestonic** [HABF03]. **set** [BJBA03]. **Seto** [TMYH02]. **settlement** [BFCLÁ08, CTR+02, Dix00, FNM07, MBDL01, PVD+07, RKK09, SLKP05]. **settlement-stage** [Dix00]. **Settling** [FSSV08, NKE08, GWL+07, Gre09, GDL+00, KNE08, PWS09, PF01b]. **seventy** [GSG+05]. **seventy-two-year** [GSG+05]. **severe** [FDP+08]. **Sex** [AAD08, ASH+06, DHKH05, GRDCS09]. **Sex-related** [AAD08]. **Sexual** [HD09, KS04b, SS03]. **sexuality** [Gil03]. **shade** [KNC+09]. **shading** [WLP+07]. **Shallow** [Gre09, Ack03, AJ01, BP03, BCSW07, BHMS06, CC04, CHH07, CFMH01, CWG+07, DTFL03, EM02, Fol05, GA00, GSH04, GHJ+05, HGB00, HKNG08, HTWG08, JPJS06, JJS+03, JKLR08, KB01, KJH03, LTOS04, MS03, MZV03, NHPHH08, OS01a, PCvRR00, RTT+02, RC05a, SLRM03, TG03, VMS+03, WŠN+07, WS01, WR03, WJA+07, WLRB03]. **shallow-water** [JKLR08, WLRB03]. **shape** [CLC02, SCH07, TFNT07, WW00]. **shaped** [GCG+02]. **shaping** [GHJ+05, WNAW09]. **shares** [RSS+00]. **Shear** [LPW05, AH01a, GGIAY08, JTL01, KBBJ00, MHKP02, RG06]. **Shear-induced** [LPW05]. **shearing** [BYF09, SMS09]. **Shedding** [BB09]. **shelf** [CFG07, D'A08, FLT02a, GZL02, GSO03, HCC+02, HRGM07, HHM+09, JGE+09, LDC+01, MSSW+07, MBR08, MSH+06, PGP01, PN06, STG+07, TN09, YSO02, CPB+08, DGCMK00, DCC+01, GPHS08, WCB+06]. **shelf-slope** [MBR08]. **shell** [HM02]. **shells** [ASS03, BFML05, TCL+09, TBHS01]. **shelves** [THL+09]. **shield** [TXH05, CPV00, HBM06]. **Shift**

[HLK+07, JJS+03, Leo08, MGRE+07, PPH03, RNC03]. **shifting** [FGM+03]. **Shifts** [PVD01, BCSW07, GP03, HLNM+03, JSJ03, MVA+09, RKNA09, RH03, Sak00, SSvNH01, SSvNH03, WŠN+07]. **Shingobee** [SDJT03]. **ship** [HLP08]. **shoaling** [AO09]. **shoots** [New01]. **shore** [HH03, Par01, SMGP06]. **shoreline** [PBGJ09]. **shores** [ABFS09, DMS+03, WL06]. **shoreward** [Ano08b, CSG+06, SLB+00]. **Short** [JBvHS08, SAHS06, CSWD07, DOE+06, GCG05, HH05, KH03, LAN08, MSAC06, MSPAE06, SKTD04, TRT04]. **short-circuiting** [LAN08]. **Short-lived** [JBvHS08, KH03]. **Short-term** [SAHS06, CSWD07, DOE+06, GCG05, HH05, MSAC06, MSPAE06, SKTD04, TRT04]. **show** [TMP02]. **shows** [ES00]. **shrimp** [BCMR00, DD09a, HMD+07, PH07]. **shrimps** [GSA+05]. **Si** [BDK+08, MH07]. **Siberia** [RJS+03]. **sibling** [CPCS01, CPCLS04]. **side** [GP03, MBG+05]. **siderophore** [AGMP04, MHB01]. **siderophores** [BRT+03, IB05]. **sides** [FLT02b, JS03b]. **Sierra** [SMC03]. **signal** [GA01, LH08]. **signals** [TSML07]. **signature** [CWC+07, MF03, MdG08]. **signatures** [AHM+08, DKA+03, HBF+06, LWP+07, MM03, STHG07, TR03, WSC+05, WSC+06]. **Significance** [ASP04, BA01, MCF+04, ZW06, BCBS04, DK06, EKD+07, JM08, TS00, WNL+08, vOMSM06b]. **Significant** [OS05, OFKH01, SSH+09, UMASG07, MPACG01, TIH+01, WS01]. **significantly** [RFW08]. **Silica** [EKdF07, BBL+03, BSSL03, BJBA03, BJD05, Kim05, KFN00, LVB08, SSK06, SDV+06]. **Silicate** [HTS+03, BS03, CSPW00, HA01, RCL+02, TvdWdB04]. **Siliceous** [MCV+05]. **silicic** [BJD05, BDK+08, FGM+03, FSBB05, LBC+04, LLC+09]. **silicon** [Alv07, BA01, DP04, MCV+05, MVBM04]. **sill** [AELS04]. **silt** [JM08]. **silver** [AGL03, SDC00]. **silver-110m** [AGL03]. **similarities** [SMA00]. **similarity** [RDPM06]. **Simple** [OIH+03, FB03, GRCS06, Har01, KBBJ00, Mor03]. **Simulated** [TKM07, DKKA09, NCO02, WW03]. **Simulation** [PGM+09, WCGBG07]. **Simulations** [FS09a]. **Simultaneous** [TPFS09, HLH09]. **Sinauer** [SG02]. **single** [HSN+03, Hol00, vE02, GGP01]. **Single-cell** [GGP01]. **single-celled** [Hol00]. **sink** [ACZ00, CT04, CWWS00, DBE08, KGYU06, LBG+09, MCV+05]. **Sinking** [ET08, FMS04, WGLT05, All00, BYF09, NFFK00, PG00, Plo01, PHK02, PIF08, PIKB08, PF01c, PDB03, SSH+09, SMS09, ST03, SVB+08]. **sinks** [AW05, RS01, SDG+07, dGvD07]. **SIO1** [RSS+00]. **siphonifera** [LEML09]. **site** [GHN+02, MVC+05, MN04, NHTF01, RV04, VCKS08]. **site-specific** [NHTF01]. **sites** [BEM+02, CTR+02, JHW05, KLAF04, TBHS01]. **situ** [BD04, BMD06, BLM+06, CDH+08, Com02, DCC+01, DHWW02, Dix00, ETCP03, FDH+01, FBW+08, GGP01, GTK+01, GSB+09, GFK00, GBH+02, GvRE+02, Har01, HLL+06, JPK+05, LW01b, MBB+00, Mor03, NKJM06, NHN+05, PSH+07, PW01, RHJ05, SGPK07, SLDE09, SWML08, TPFS09, TMA+01, VvOBM06, VEMM07, WLRB03, YSM+03, YWR+07, dBSN+06, vOMSM06a, vOMSM06b]. **situ-produced** [GvRE+02]. **six** [BPF+08, FLWP09, LRF07]. **Size**

[DJO00, De 02, SK01, VB00, BCV+08, BR00, CSSNA02, CBRC01, CEBMF05, CPHM04, CW01, CPH06, CLC02, DPC+06, Dup00, Fin01, FSBB05, GD00a, GSJ+09, HBH00, HC01, HWYL07, HPL+06, Hol00, HH05, KTLS03, KLG09, KRZ06, LBC+04, MCR+07, MBDL01, MPAS00, MBC01, MY05, PG00, RLP+06, SMA00, TCC06, TG09, TNM+01, TFNT07, VMS09, WPD+01]. **Size-dependent** [DJO00, De 02, FSBB05]. **size-fractionated** [CEBMF05, HWYL07]. **size-spectra** [Dup00]. **sized** [Ham02, SI03]. **sizes** [KFR+01]. **Skagerrak** [PF01b]. **skeletal** [ACW02]. **skeleton** [TMK+07]. **Skeletonema** [AMP+00, BB04b, SNM+08]. **skeletons** [EMIP05, LRYS06, WCGBG07]. **skvortzowii** [JGZ+08]. **sleep** [GHWG04]. **sleep-swimming** [GHWG04]. **slipper** [MTC+06]. **slope** [DdG09a, GP03, HSR+08, MBR08, TN09, YSO02]. **slope-water** [GP03]. **slopes** [DdG09a, HSR+08, LBD+09, LPW05]. **sloping** [BII05, MS03]. **sloppy** [Møl07]. **Slough** [BNM+09]. **Slovenian** [VM06]. **slow** [YPBL07]. **Small** [MHKP02, Plo01, Plo08, RKWG00, WG04, CC01, CSM+08, CCKP02, CCGH05, DET04, FSSV08, FUG02, GWH06, GHTJ00, HPV+00, HMD+07, LH05, LH08, MSGK06, MKG04, RHJ02, RM09b, SCB03, SHBM01, TGdB+01, UMASG07, WSL+02]. **Small-scale** [MHKP02, Plo01, Plo08, RKWG00, WG04, LH05, RHJ02, SCB03]. **smelt** [BCBS04]. **smelters** [CBG01]. **smooth** [New01]. **snail** [GGH07]. **snapper** [BW01]. **snapshots** [BTB+08]. **snow** [FS09a, GYBA04, Kiø00, KJ01, LWU+05, PIF08]. **snowmelt** [PVD01]. **sociale** [KTMM00]. **sockeye** [BBP+06, SFB+09]. **SOFeX** [BJD05, BAP+05, OBSD04, TBF04]. **soft** [HM02, RHJ05]. **softwater** [GCS06]. **soil** [Cra07, HLL+06, PS06, TSML07]. **soil-derived** [PS06]. **soils** [TSMB05]. **SOIREE** [KTLS03]. **Solar** [MSAC06, CMSVA02, DTFL03, OZM+01, ZSS+08, ZB00]. **sole** [CD02]. **solid** [SC00]. **solid-water** [SC00]. **solitary** [DK06]. **SOLOPC** [CDH+08]. **solubility** [NKS+02]. **soluble** [CT05]. **solute** [CWG+07, JFH+05, JHW05, KJ01, MV03]. **solutions** [FB03]. **Somali** [IOG+04]. **somatic** [MBK+09, RB06, VPA02]. **Some** [SGR08, SCARM00, SAS+03, HKF01, JSJ03, MF01, MF02, KKH04]. **Sorptive** [AHR+01]. **Sound** [NK05, TT05, MMKN08]. **source** [BMD06, BGJ01a, BGJ01b, CWWS00, CLG08, CWC+07, DdG09a, FCJ+06, GLP+08, GJS01, HSR+08, JR07, LBC06, MHDH00, MCL06, Mul01, NDT07, PSS+06, PBGJ09, SAP+06, SDKZ+09, TIH+01, TNO+08, WNL+08, WKSM08, YSM+03]. **source-age** [LBC06]. **sourcebook** [Ris02]. **Sources** [AW05, CLPB02, CCF04, DNS06, EB01, LW01a, MH00, RS01, SDG+07, TM02, WIK08, AM08, BFCLÁ08, DBTK02, GSB00, HWYL07, KTM01, KKS+01, KCP+04, MBCD04, MdG08, ML02, MPRC02, MC04, OCNH00, RB01b, SSS02, SKR01, TMYH02, TSML07, WKFP06]. **South** [HLD+03, Mil02, PF01a, StLHB+07, AW00a, AW00b, BZS07, lLCChTO08, CLL+09, DAL02, FCGC+09, GHS05, HWYL07, MJR08, SHBM01, WJMD07, WBB09]. **Southeast** [HCK02, HMS+07, HCC+02, JBvHS08, ML05, NBW+02, SL02].

southeastern [CWWS00, NSH+09, OCNH00, PBC02, XBD+09, ZZPP01]. **Southern** [Dav00, GRG02, AO09, CSM+08, CG01, CPB+08, DORS08, EB01, HSB+06, HMR+07, KBG+08, LLvW+03, LMBP07, MPAS00, PLK+05, Par01, PF01b, Pil04, PN06, WSBL06, AD05a, AWLH04, BMH+08, BJD05, BAP+05, CLG08, CCM07, CCC+03, DMEPA04, DAV+05, ET08, HPL+06, KTLS03, KMvD+09, MBL+01, MSPAE06, OBSD04, ORFD+09, SAS+03, SR07, TGdB+01, TvdWdB04, TPG+08, TBF04, WAGH09]. **southwest** [EMPI07, HRGM07, KTAL04, MBPVR06]. **sp** [BVG+07, BMCvE06, BWK+07, EDF+03, IB05, NCC00, PSJ00, Plo08, RG06, SWD+05, SEL+02, WŠN+07]. **space** [RLM+08]. **spacer** [WGKE04]. **Spain** [DAMM+09]. **Spartina** [SBL06, GK03]. **Spartina-derived** [SBL06]. **Spatial** [BFML05, BLS+06, Fyf03, GRR+07, GGIA06, JBM+07, KTM01, KRZ06, LIHS03, MRK02, MOK+03, Met04, NCC00, ORH01, PGL06, PLMPN08, PLM+09, SAS08, SSA+04, WBP+06, ZSS+08, vNHM+09, BSJ02, BBLB05b, BBLB05a, CSM+08, FLWP09, FSSV08, FHBK06, FTY+06, HTRM+07, HTWG08, JN08, LSK07, MVC+05, OD08, Ost03, PKKB05, RWFK00, RZMB05, RM09b, RYS+02, SPW+05, SGPM09, SSL05, VWPP+06, WAB+08, WG04]. **Spatial-temporal** [MRK02]. **Spatially** [Ano08a, MPB+08, DJG+06, LD01, MCPP06a]. **Spatio** [RLC+01]. **Spatio-temporal** [RLC+01]. **Spatiotemporal** [GGDC04, LSC+08, Tho09, WBB09, YYTH07]. **Spawning** [GWH06, AH03, EGP08, GEP08, HFC+04, ML05, SAH+04, TCR03, YM03]. **Special** [DIMP08]. **specialist** [KHKS05]. **Speciation** [TLM04, BMU04, BLBB07, BB07, Cro03, HLCG07, HHB+09, HD09, MJW03, PFN+05, SDvEB06, TF00, UWA+07, ZWHP04]. **Species** [KRM09, MBDL01, NHN+05, UPC+05, ARV+07, BA01, CT04, CGD08, CPCS01, CPCLS04, CHT02, DGV01a, DVV+07, ERH06, FAL+07, Fyf03, GBL+04, HZ00, Ham05, HC01, HSLV05, HMNL06, HH04, JS03a, KGYU06, KS04b, KWTS07, KLG09, KMMS00, KAW05, MDJ+04, MMLH06, MPH08, MG04, MCL06, NPE08, PH07, RB02, RBW09, RLM+04, SBS07, SP09, SS06, WHHS06, WM06, ZRL06, ZMK+08]. **Species-specific** [NHN+05, UPC+05]. **specific** [BS04, DWA+02, EAO+02, EPP+08, HMS+04, HK06, KRM09, LALE04, MLC+07, MPZ08, NHN+05, NHTF01, RRH+03, SCS+08, TS00, UPC+05, VHL+04, ZWC+04]. **Specificity** [Gil03, LBW+08, SS06, Arn00]. **specimens** [CCKC05, OKO+01]. **spectra** [CBRC01, Dup00, KRZ06, MMS+02, MBC01, SLRM03]. **Spectral** [DRM+09, MV00, NTDV06, BS02a, CMSVA02, CLC02, DKA+03, DdG09a, ETCP03, Fyf03, HSR+08, KDS03, LBD+09, LRS+03, MF03, OZM+01, SWN08, VMS+03]. **spectrally** [Fyf03]. **Spectrofluorometric** [MBW+01]. **spectrometry** [FKCF00, KKH06, SHL+05]. **spectroscopy** [BK01b, BK01c, HFE07]. **Spectrum** [VSSTS00, RDPM06]. **speed** [CW03, RNR08]. **spherical** [SJRB09]. **spicatum** [LL05]. **spinicauda** [XW02]. **spinifera** [JHGGP06]. **spiny** [BFCLÁ08, GB09]. **spionid** [HL06]. **spiraling** [EVW07]. **split** [GDL+00]. **SPLITT** [GDL+00]. **Sponge**

[PSH+07, EKdF07, SWML08, YSM+03, dGMH+08]. **Sponges** [JR07, RCAK05, HMSI06, MCV+05, YWR+07]. **spores** [BB04a, Duf09]. **spp** [BFBHF04, EAO+02, JL08, MSBHG01, MBH+06a, MBH+06b, OLCT08, SvKM01, SGPM09, SMC08, SGG+08, TSSWK+06, WSKL06]. **Spring** [LFS+04, RNA06, STG+07, BJG+00, BSSL03, DJB+07, DPFL09, DKA02, GA00, GPHS08, GBM+04, HNB+07, KFN00, LRF07, PSLO07, PF01b, ST03, SLJ00, SKC+01, SKH+01, SMG06, WMW+08, XBD+09, ZXN+08]. **Spring-neap** [STG+07]. **springs** [KR08]. **springtime** [CTY06, SP09]. **spumigena** [KSEÖ+02, Plo08]. **SSU** [PCDB09]. **St** [LBG+09]. **St.** [BCBS04, GSG+05, KCSM07, SMJ+06]. **Stability** [Law08, GBH+02, JLB+06, LBW+08, MRM07]. **stabilizing** [WKSM08]. **Stable** [CCH02, HBF+06, KF01, LW01a, LBG+09, NH06a, NEC03, SPR02, YTVR07, BP03, BRB+01, BCMR00, BLS+06, CCKC05, CPB+08, CCCC07, CCC09, DBE08, DBS+04, DPC+08, EVW07, EPP+08, Fin04, GR01, GJS01, GKJ04, GCS06, HPLG09, HL02, HM06a, HB06, HVP+07, IR06, MM03, MBR08, MLPS09, OHCP02, PKKB05, PDH06, PLM+09, PCD+08, RH01, SAS+03, SAP+06, STST07, TR03, SVPK+09, VM06, vOMSM06b]. **Stacey** [Caf01]. **Stage** [EAO+02, ASH+06, DLDE04, Dix00]. **Stage-specific** [EAO+02]. **stages** [JGZ+08, LWS01, MSBHG01, SvKM01]. **stagnant** [AVJ+00]. **stamukhi** [GLP+08]. **standard** [STST07]. **Standing** [KED+07, PCA+00]. **star** [VTR03]. **starvation** [DP04, RRCP03]. **state** [AFB01, CNGV09, Dod06, FB03, GWR+09, HAG08, JJS+03, Leo08, TWC+09]. **states** [BP03, BCSW07, LCLP02, MWW06, BHV04, HCC+02, PDS07]. **static** [AH01a]. **Station** [BK03b, CDK02, Gre09]. **statistical** [LW01a]. **statistics** [SGPM09]. **statoblast** [FRO01]. **status** [BK01a, BS01, CSSNA02, DGM+05, FWM+05, GGP01, GLVFH09, MLC+07, SSH+07, SSV+04]. **Staying** [Duf09]. **Steady** [FB03, Leo08]. **Steady-state** [FB03]. **stealth** [HW09]. **Stechlin** [CCCC07]. **stella** [GSFB02]. **Stentor** [MBC+05]. **Stephanodiscus** [Hol00]. **sterol** [TGFPT08]. **sterols** [CYN05, MCvEH08, TTG+09]. **Steven** [SG02]. **stimulants** [CT06]. **stimulate** [GRVF+00]. **stimulated** [CJB00, MLSS05, dVKJK07]. **stimulates** [VJ07]. **Stimulation** [CM03, DGKA06]. **stimuli** [SCH07]. **Stinson** [dSYL+08]. **stock** [AH03]. **Stocking** [LRS+03, ZVRL03]. **stocks** [Aks07, KED+07]. **Stoichiometric** [AP00b, HW08, dSFFTD07]. **stoichiometries** [TBF04]. **Stoichiometry** [MC01, AKE04, ABJ+06, ASAC04, BDK+06a, BBKC03, CG08, DTL+05, FQR+06, FH09, FXL04, HAL+09, HK01, KLL04, KFW09, NPE08, Pri05, QMS+07, SBS07, SAE+08, SSS08, SBZ+09, WGKE04, WSKL06]. **stomach** [CCM07, DPC+08, SAP+06]. **storage** [CSE+08, ED05, GMRD04, HBL02, HBAK09, SBM04, WLS00]. **storm** [CWLH06, GJT+08]. **storm-induced** [CWLH06]. **stormflow** [WTM09]. **storms** [KBE+04]. **stormwater** [DC05]. **story** [HSS06, Sos00]. **strain** [BBG+05b, CLPB02, RCE+02]. **strains** [BPF+08, HSN+03]. **Strait** [SWD+05]. **Stramenopiles** [PCDB09]. **strategies**

[BFQF+07, BL07, BHL07, CT04, JS03b, MD04]. **strategy** [MPGB08, RL01a, SD05, VK06]. **Stratification** [WS01, BD04, BLHC08, CR10, LTHW04, MSGK06, RAKE05, RS09, SKTD04, VMH+01]. **stratified** [AIS00, AIK04, BIIA03, BI07, CGCPA08, CR10, DET04, EDF+03, ESI01, GGIAY08, HISW00, KHP+06, RAKE05, RENA06, SI01, SVC+07, SIK07, SI08, SFL05, WPV00, ZHFD06, dlFSIN08]. **stratospheric** [HSF+08]. **Stream** [MVW+04, AS06, AMS+08, AB07, AGKK08, BS02b, BHV04, CH05a, CJWR05, EW07, EB01, FVD01, GMRD04, HBAK09, HTS+09, HFC+04, HDP09, HFR09, HFE07, HPBD01, KDO09, KTM01, KD02, KKH06, LNB04, LVSW07, MSLH02, ML02, MHS+09, NSM09, NTM+05, RH01, RP06, RKNA09, RM06, RM09b, SAH+04, SA00, SPM04, SHL+05, SPW+05, SSAH05, SL01, TMS+00, TSA09, WW00, WWMB05, WPD+01]. **streambed** [Bat00, SrL05]. **streamflow** [GN00]. **Streamlining** [AD00b]. **streams** [AH01a, ATJH08, BMC07, CGWK+09, Dod06, EVW07, FVD01, FQH+01, GP06b, HBL02, HT03, HBM08, HTRM+07, LFZ+07, LRMV04, LZ09, MJEM06, MW06a, ML05, MTM+01, MBC01, PWH+04, RB03, RM06, RGAS04, RPR+02, SNFT07, SFC+00, SLJ00, TMP02, TNM+01, Sta01]. **strength** [Car02, EDF+03]. **strengths** [HSS06]. **stress** [AH01a, CTR+02, CMB00, DOE+06, DWA+02, HH03, HMR+07, HMNL06, HCD+09, LPAQ+05, LSSA04, TSKA05, WCGBG07]. **stressors** [HR00a]. **Strike** [HW09]. **striped** [BFS02]. **stromatolite** [BdBS+08]. **Strong** [AD00a, Alv07, LWS01, AKH04, MVFD04, SWS+06]. **stronger** [SLC+09]. **strongly** [JBH+04, SIK07, SI08, SFL05, VVD+09]. **Strongylocentrotus** [GWH06]. **strontium** [LGN+06]. **structural** [FSSH03, GCJ+06]. **Structure** [IB05, Ano08a, BKM05, CSWD07, CGH+04, CWJ09, CCKC05, CPH06, CGWK+09, DVV+07, FH09, FWM+05, FTC+06, FTY+06, Goe02b, GGIA06, LJ01, Law08, LFAB06, LVSW07, MDJ+04, MKG04, MPB+08, MGVM+06, MY05, NSM09, NHTF01, OAA+06, PCvRR00, RMK+06, Rit09, SABA02, SIK07, SK01, SJ00, SL01, UHB+08, UVY+01, VDK04, WBB09, WWWY05, WLS00, ZLP+03]. **structures** [BTB+08, BJL01, Cra07, DAL02, HDP09]. **structuring** [DTFL03, HTS+03, PH07, RM06, WA01]. **studied** [DMEPA04, GRdL+08, GRB09, HAHS+09, YWR+07]. **Studies** [Dow02, BM00, Ben00, DGL+04, HAES02, LA09, RSY04, SLD00, SF03b, SF03c, VR01]. **Study** [ET08, GHN+02, Lon00, MN04, ART+06, BGR+09, Bea03, BRB+01, BSJ02, BDK+06b, CCAÆ06, Cha07, CG08, COK+08, Cur00, EWE02, EKD+07, FPPH06, FG06, GSB+09, GHB+05, HTWG08, HRS04, JCW08, LBB+04, LH05, LBSY02, MMW06, MSAC06, MBB+00, NCO02, NSH+09, OAA+06, PLK+05, PHMR+07, RVP+09, RH01, RRSC01, RB02, SKBC01, SHS03a, TB00, TVSS01, TMA+01, TWC+09, VvOBM06, VEMM07, WdMD+00, ZRL06, vOMSM06b, MVC+05]. **studying** [RL00]. **Stylophora** [GRVF+00, GFPG09, GMRVFP02, GMAFP03, Shi04, WLRB03]. **sub** [MML+08b, RES+08]. **sub-populations** [RES+08]. **sub-tropical** [MML+08b]. **subalpine** [BSS+01, GP06a, KLWS08, PBMSG04]. **subarctic** [Aki00, AHM+08, BST+05b, CLP+03, FSS+00, HSB+04, KB05a, KAJ08,

LCPS05, RLP+06, RK02, RCVK09, RWK08, SJR+04, SLS+02, TMC06, VDK04]. **subcellular** [ZW06]. **subestuary** [CB04]. **Subglacial** [CRBF+06]. **subglobosum** [HHB05]. **Subitaneous** [BSSL05]. **sublethal** [LL05]. **sublittoral** [GHM+09]. **Submarine** [CB04, PSS+06, dSYL+08, Cha07, GGM03, HLK05, KC08, SSA+04, SMGP06]. **submerged** [RKH03]. **Submersed** [BP03]. **submersible** [SON+03, YWR+07]. **Submesoscale** [NCPd08]. **submicron** [VB00]. **Submillimeter** [BVB03]. **suboxia** [WGC00]. **suboxic** [FS00]. **subpixel** [HM03a]. **subsaline** [DHP03]. **subsidies** [Wur07]. **subsidize** [MIDH05, PCC+07]. **subsidy** [MID+07]. **substance** [HBH+06]. **substances** [HPHT00, LvdB09]. **Substantial** [KB01]. **substrata** [KD02]. **Substrate** [Arn00, BZ03, PIF08, WR03]. **substrates** [JP03, PBGV04, RlBW01]. **substratum** [RGAS04, WWS+00]. **Subsurface** [FB03, HB08, LWP+07, PSEL08]. **subterranean** [SBC+08, SCM08]. **subtidal** [CWG+07, NH06a, SLRM03, SHS01]. **Subtropical** [BNK02, BK03b, CDK02, CLAK08, GAM+01, HPLG09, LKAB04, TM02, ACW+03, ASGA+07, ÁS07, BAG+09, CWLH06, CPL+04, DBTK02, DAA+01, EM02, EF05, GDB+09, HZG07, HDWDD09, HOFD01, KFH+09, MYM+05, Mar05, MML+08a, MPZ08, NEE08, ORH01, TSSWK+06, TSDK+09, TCCG05, VD08, VEMM07, ZMJ+07, ZB00, dCCL09]. **subzero** [YCM+01]. **success** [BWK+07, LED06]. **successfully** [KAW05]. **succession** [AR06, ASI+02, LFS+04, RB02, RNA06]. **successions** [dGB02]. **suction** [HW09]. **suction-feeding** [HW09]. **Sudbury** [CBG01]. **sufficient** [LPAQ+05]. **sugars** [BK03a, RA06]. **suggest** [AWE07, FRO01]. **suitability** [vdHPH+09]. **Sulawesi** [SHBM01]. **sulfate** [LFS+02]. **sulfate-polluted** [LFS+02]. **sulfide** [CGCPA08, CCF04, EMWL06, FHBK06, JNKdV09, PMPC00, RKGC+01, RA09, SSS06]. **sulfide-based** [PMPC00]. **sulfide-rich** [CGCPA08]. **sulfite** [HTAS06]. **sulfur** [CT05, DBS+04, FHBK06, GK03, KA06, LPD+04, PLK+05, RTT+02, VCKS08, ZHFD06]. **sulpho** [UGSMN01]. **Sumatra** [AJS07]. **Summer** [CHH07, AGL03, BGHA04, CC04, HM08, HDP09, KKKT07, KTAL04, LHWE01, LSK+03, LP07, MSGK06, MAC+03, MLSS05, NML+05, PTK+07, PBC02, STG+07, SKTD04, SR07, SLS+02, TKK+03, WDVA08]. **Sundarban** [BMD+04]. **sunlight** [PBGV04]. **superba** [ASAC04, AW00a, AW00b, AMS+02, ASH+06, MAS+02, MFG+09, RQB+00, SAP+06, SHS03a, TSH+06, TKM07]. **Superior** [AC08, HHB+09, MHB03, PED+09, SSM+04, ZZPP01]. **superoxide** [KSM+05, PP04]. **Supersaturated** [PCD+08]. **suppl** [Wan02]. **Supplementation** [Has04, VW01, RBMN03]. **Supply** [AM08, BDK+06a, BCDH09, BLBB07, CV05, DDL+09, FSSH03, FSB+08, FNM07, GM03a, HK01, KB05a, LG04, MSGK06, MMDW09, MW06a, Met04, MBCB08, MTV+02, RGAS04, SCARM00, SMGP06, SKBC01, SBR+06, SRKK08, SH05b, TCD+03]. **supplying** [HCK02]. **support** [GMA+06, PED+09, ZHL06]. **supported** [Ano04, KSWC+03, WBD02].

supporting [DBTK02, MBCD04]. **suppression** [BF08b]. **surf** [DMS+03, Gay00]. **surf-zone** [Gay00]. **Surface** [ARB+04, RS02, vHRB+09, ASGA+07, BRW07, BZS07, BLS+06, CV05, CFO+00, DLZ+09, DJH05, FAC05, FHB+09, GM03a, GSL+07, GDL+00, HPT+09, JS03b, KFR+01, KTAL04, KLAF04, Lee01, LAN08, LD01, LP07, LNJL09, MRK02, MMW06, MW02, MF04, MLSS05, OD08, OS05, ORH01, PPH03, PN06, Plo08, PH03, RSH08, RHJ05, RWK08, RJS+03, ST04, SLE04, SVC+07, SAPA+02, SI03, THWS00, TWS01, TWS03, TP03, UGSMN01, WBH03, WS01, YSO02, dBSN+06]. **surface-water** [LP07]. **surfaces** [FZL+05]. **surges** [Mor06]. **surprise** [HW09]. **surrogate** [BCM01]. **surrounding** [LB00]. **surroundings** [MHC05]. **surveillance** [DORS08]. **surveys** [NEE08]. **Survival** [BSSL05, PDS05, AY08, GWK01, SMR+01, TG09]. **Suspended** [PE07, AGL03, BS04, BAG+09, DKRZ06, HHS05, JJP04, KUP+06, NHS07, SWF04, SBW07, WPD+01, YYG02]. **suspension** [BB04a, CWLH06, Com02, NHTF01, RHM04, SLD00, TS01, WSNM00, WLTF03]. **suspension-feeding** [NHTF01, RHM04, SLD00, WSNM00]. **suspensions** [BVN+00]. **sustains** [VTO+05]. **SW** [GST+01]. **Sweden** [BRB+01, CSPW00, Cro03, JMBJ01, KJMJ03, RMG+04, Wey04]. **Swedish** [BBJ05, HSB+04, WGLT05]. **sweep** [OH08]. **swim** [CT04]. **swimming** [BGC04a, BYF09, GHWG04, GYBA04, RG06, SMS09]. **swinhoei** [YSM+03]. **Swiss** [WW00]. **Switzerland** [AHHH+07, HAHS+09, PWS09, TB00, TB05, TMUW02]. **Switzerland/Italy** [HAHS+09]. **Sydney** [DCMS03]. **Sylt** [WBP+06, dBWF+05]. **Symbiodinium** [GCG05, MG08]. **Symbiont** [SMP05, FBW+08, GCG05, LLvW+03, LEML09, YSM+03]. **symbiont-bearing** [LEML09, YSM+03]. **symbioses** [LBW+08]. **symbiosis** [GCG05, PSH+07, PMPC00, VTO+05]. **symbiotic** [EMIP05, FMWC00, FSM+07, GKLF01, GF02, WLRT06]. **sympatric** [CPCS01, GRDCS09, MPH08, MH04b]. **synchronised** [CTWFP06]. **Synchronization** [TCR03]. **Synchronized** [BCBS04]. **Synchronous** [PC02]. **Synchrony** [CH05b, Wey04]. **synechobactins** [IB05]. **Synechococcus** [BVG+07, BBKC03, CBvEK03, HSN+03, IB05, LPAQ+05, MKVK05, MPRC02, MTV+02, NCC00, SRM05, TP03]. **Synergistic** [CLF+08]. **synergy** [WTC+05]. **synoptic** [LP07]. **synoptic-scale** [LP07]. **synthesis** [Lon00, LSF+08, SDG+07]. **synthetic** [Bia01]. **system** [ÁSGMP01, ÁÁS07, ABFS09, BMBA07, BGC+05, CSWD07, CLF+08, CCH02, CIWH09, DTL+05, DGM+05, GCJ+06, HBG00, HBTM05, HLGI08, HRA07, HLM08, JFH+05, JLP+08, JBvHS08, MNA+09, MSJMN02, NCÁSP06, PWN07, PN06, RB02, TMUW02, TB09, UMASG07, VVD+09, WKH+06, YTVR07, vHRB+09, AO09, DORS08]. **system-level** [RB02]. **systematics** [SPR02, TIH02]. **systems** [BK01a, BW00, CL04, CDD07b, DAC+07, HLL+06, LN04, MSC+04, MC04, NSH+09, Nor04, PNPA04, Thi00, Elm02].

T [Caf01, Wan02]. **tactile** [SA04]. **Taiwan** [CWLH06]. **Tana** [BDSB07]. **Tanganyika** [MMO06, VH09]. **tank** [FPPH06]. **tannins** [MPJ08]. **Tapajós** [RLC+01]. **Tattersall** [INU04]. **taxa** [KMvD+09, MPZ08, PDB03]. **taxa-specific** [MPZ08]. **taxifolia** [CM03]. **taxiformi** [MHDH00]. **taxiformi** [**?**]FalkenbergiaMarshall:2000:RAA. **taxiformis** [PGC07]. **Taxon** [LALE04, MLC+07, RRH+03]. **Taxon-specific** [LALE04, MLC+07, RRH+03]. **Taxonomic** [BS02b, LSSA04, CPH06, DJT06, HSLV05, RYS+02, VWPP+06]. **TDN** [PWH+04]. **technique** [EPS00, GBA00, Har01, MCL06, MSBHG01, NKJM06]. **techniques** [RL00, RBW09]. **Temora** [Møl07]. **temperate** [AR06, BVH02, BGE04, BdG02, Com02, CH05b, FLPL08, HMS+07, HFE07, HPBD01, JR07, KCE+00, KKH06, LN02, NFS+07, OZM+01, RB01a, RYS+02, SM05a, SKC+01, TYK+08, TMB07, TMA03, WM06, XLF+03, YWR+07, dGP08, vdPAJ+06, vdHPH+09]. **Temperature** [Ann05, DAMM+09, LEML09, MW06a, WGD+02, ADA00a, ADA00b, ACHG07, AY08, ASH+06, AC08, BMSA08, BRM+07, BPF+08, CF01, CG08, CHT02, DSW05, Fab06, FS09a, GCM+09, HDSC09, HB03, JLB+06, KSS+07, LD01, MBK+09, MAC+03, MF01, MF02, MB05, PLG+02, PSH08, RHK+09, RC07, SSC02, VMKN03, WSL+02, YSO02, ZJC+07]. **Temperature-dependent** [WGD+02]. **temperatures** [GCG05, HRA07, HDP09, KTAL04, LD01, LP07, MW06b, WDVA08, WK09, YCM+01]. **templates** [PVD01]. **Temporal** [Agr05, ASI+02, ARO+04, CGD08, CLAK08, EGPA02, EF05, FNLG00, FHBK06, MVC+05, RKNA09, RYS+02, SSJ07, SSL05, BFML05, CSM+08, FLWP09, FRO01, Fyf03, HTRM+07, KRZ06, LIHS03, MRK02, MOK+03, MM05, Met04, NCC00, Ost03, PLM+09, RV04, RLC+01, SPW+05, VWPP+06, VC05, WG04, WBP+06, ZSS+08]. **TEP** [ASP04]. **term** [CSWD07, CWC+06, CJWR05, DOE+06, FCJ+06, GCG05, GVT+09, HH05, INU04, JS03a, Kim05, LBB+04, LIE06, MSAC06, ME06, MGRE+07, MCB08, MSZ00, MSPAE06, PCvRR00, RBW09, RL07, SAHS06, SKTD04, SMH+06, TRT04, VW08, VWPP+06, WMW+08, YYTH07]. **termination** [BST+05b]. **terrains** [HA01]. **Terrestrial** [AKP+09, AHM+08, CCH02, HSB+06, MIDH05, MPD+06, PCC+07, WIK08, Wur07]. **terrestrially** [SM01]. **terrigenous** [Dit04, JM08, SBW07]. **test** [AKE04, AD05a, BEM+02, CMD+09, DAV+05, GWK01, LED06, MSBHG01, RBMN03, WSL+02, WH07]. **testate** [vHRB+09]. **Testing** [CD02, DET04, EZA+05, dSFFTD07, GAPR06, HFC+04]. **testudinum** [DDZ03, NKJM06, PF01a]. **Teton** [HT03]. **Tetraselmis** [EDF+03]. **Texas** [BMU04, GMA+06]. **Th** [MWE+03, QSH+02]. **Th/** [MWE+03]. **Thailand** [DBWS06]. **Thalassia** [DDZ03, NKJM06, PF01a, SHBM01]. **Thalassinidae** [DD09a]. **Thalassiosira** [BS03, DP04, EH00, JGSB07, LJCM08, LLA05, LB04a, MP00, SWN08, SSC02, TSKA05, vdPVB07]. **Thalia** [LIE06]. **Thames** [BDS+04]. **thecamoebians** [vHRB+09]. **thecate** [ZGP+00]. **Their**

[Gou01, MPJ08, AS06, All00, ASI+02, BMF+06, BF08a, BMNB+06, BDC00, CSM+08, CK00, DHTH05, FNLG00, GM03a, GRR+07, KAM04, KFH+09, LG04, LD01, LMBP07, MZL04, PKKB05, RKK09, RFM07, WS06, WCL+07, ZWHP04, ZB03b]. **Theonella** [YSM+03]. **theoretical** [BSJ02, GBFJ07]. **Theory** [FMD03, ZB03a, AP00b, CR08, EMK08, dSFFTD07, LU08, Thi00]. **There** [Kiø07, GH00]. **Thermal** [MCJ+06, Ano08b, ABDS04, CSG+06, HH03, JLB+06, JKLR08, PGM+09, RSC04, SJ00, TYK+08, WBB09, WCGBG07]. **thermally** [CR10, ESI01, RAKE05, RENA06]. **thermocline** [HHM+09, SMR+01]. **these** [HMKZ02]. **thickness** [QYEA06]. **Thin** [SGG+08, BBCW09, BB04b, DG06, GDL+00, Has06, SMS07, SSM+09]. **thin-cell** [GDL+00]. **Thiols** [ZWHP04, DNB+04, DA05, HMB06, THWS00, TSKA05]. **thiosulfate** [HTAS06]. **Thiotaurine** [PMPC00]. **third** [VCCS05]. **Thomas** [Leh00a]. **those** [LLvW+03]. **thoughts** [SGR08]. **threats** [HLH09]. **Three** [RWFK00, SGR08, SF04, BDS+04, Car01, Com02, DGV01a, DGV01b, HTRM+07, HM06b, HMNL06, JHW05, KRM09, MMCW09, PVD+07, SP09, WGN+08]. **Three-dimensional** [RWFK00, SF04]. **Threshold** [AD05a]. **Thresholds** [DdG09b, SCS+08]. **throughout** [CPGC09]. **thymidine** [CD03]. **Thysanoessa** [JHGGP06]. **Tidal** [GBM+04, SDV+06, TNO+08, Bel01, BKM05, CBH08, Cra07, EB01, FNM07, GHS05, GK03, GHB+05, GVT+09, HBH+06, HFC+04, JCC02, LTOS04, MSJMN02, NA03, PF01c, SGPK07, SABA02, STK+04, Tho09, VVSM09]. **tidal-stream** [HFC+04]. **Tidally** [BNM+09, LLDS06]. **Tide** [RLJdB08, DCMS03, GRB02, HU07, JVL00, KHNV05, KSP07, PLK+05, PSH08, PN06, PMK08, SP09, STG+07]. **Tide-driven** [RLJdB08]. **tide-pool** [SP09]. **tidepool** [Dav00]. **tides** [ARO+04, DKRZ06, SSV+04, dSYL+08]. **tight** [VMH+01]. **Time** [GHN+02, MVC+05, MN04, AHHH+07, BEM+02, Boy01, CBH08, HTWG08, LB04b, LTB09, MRNT+07, MCPP06b, MCLM02, OHCP02, PDS05, RC05b, SAS08, SKBC01, SRKK08, SDKZ+09, SON+03, TG03]. **time-integrated** [SAS08]. **Time-series** [GHN+02, MVC+05, MN04, HTWG08, SKBC01, SON+03]. **timescales** [FAL01, MMKN08]. **timing** [DJO00, De 02, TVT04]. **Timothy** [Wro01]. **tintinnid** [JJP04]. **tintinnids** [DJT06]. **Tissue** [DBS+04, ACW02, FMWC00, QYEA06, SSL05, TMK+07, TGFPT08]. **titres** [EMWL06]. **TN** [NHPHH08]. **together** [BDK+08]. **tolerance** [NRB08]. **tonsa** [Møl07]. **too** [Kiø07]. **tool** [RB02, WPV00]. **tools** [Sos00]. **Top** [CCS06, Goe02b, MMO06, RH03, SCDR07, WPW+09, DHTH05, HDWDD09, KB05a, LWS01, PSH08, SMO07]. **Top-down** [Goe02b, MMO06, SCDR07, WPW+09, DHTH05, LWS01, SMO07]. **Top-predator** [RH03]. **Topographic** [WLP+07]. **Topographical** [DMS+03]. **topography** [BII05, OD08, RHJ02, RHJ05]. **Total** [GH00, HTS+09, MPAS00, CGL+04, HU07, KHP+06, LHWE01, Lee01,

MVW+04, SL01, TKAW03, WKH+06, CGL03]. **total-iodine** [TKAW03]. **Toxic** [AKG+05, CK00, TDT01, AD07, AAD08, CD02, DA03, KSEÖ+02, LCS02, MGVM+06, RCD+05, RES+08, SW05a]. **Toxicity** [DMJ09, RL01a, DGD04, EM08, LFS+02, Leg01, MAMC02, WTC+05, WST06]. **toxigenic** [OLCT08, TWC+09]. **toxin** [BKK+06, JTL01, SCP08]. **toxins** [SH03]. **TP** [NHPHH08]. **Trace** [YW02, AVJ+00, BFS02, BFML05, FCJ+06, HHS05, HWYL07, LRF07, MLSS05, SDvEB06, SSM+04, TSSWK+06, TM05, TF04, WG01, WSC+05, Zha00]. **trace-elemental** [WSC+05]. **trace=elemental** [WSC+06]. **traced** [SVPK+09]. **tracer** [AHHH+07, BHV04, DCMS03, EVW07, HB05, HPAM01, MVW+04, NHN+05, RvBB02, TMS+00, TMA+01, VMS+04, vOMSM06a]. **tracers** [CDBC00, HPAH+02, HAHS+09, JBvHS08, UGSMN01, YPBL07]. **Tracing** [AHM+08, SRKK08, SM05b, dGMH+08, KKS+01, NDT07, WBD02]. **track** [DL00, EPP+08]. **Tracking** [AGKK08, RPR+08, TMA+01, BFML05, JWRW07, MCL06, WRD01]. **tracks** [HPT+09]. **tract** [LWP+07, SSL05]. **traits** [MB00, RES+08]. **transect** [CW02, FTC+06, FTY+06, StLHB+07, TN09, WW02]. **transfer** [BDS+04, CLS05, CW03, DH01, DPFL09, FAM04, FAC05, FAL+07, HM09, LNB04, LFA+09, MBF+03, MRNT+07, NA06, OH08, PHF03, RKM+06, SIH+06, SC00, SLHK02, TF04, ZW06]. **transformation** [BT00]. **transformations** [BM03, DC05, KHK+03, SDJT03]. **transient** [Dal03, ED05, GMRD04, HBL02, HPAH+02]. **Transition** [Shu01, GJT+08, MVFD04, SMJ+06, TIH+01, ZLP+03]. **Transition-matrix** [Shu01]. **transitions** [TPFS09]. **Translocation** [HLL+06]. **Transmission** [LLB04, RHJ04, BGV02]. **transparency** [GDB+09, KLWS08]. **transparency-gradient** [KLWS08]. **transparent** [ASP04, BSMR08, MBLP01, PP07]. **transplant** [GCG+02]. **transplanted** [DBS+04]. **Transport** [HR00c, JM08, NA03, dBWF+05, AM08, AG03a, BTB+08, CBA01, CSPW00, DCMS03, FLPL08, FNLG00, GB09, HCC+02, HFC+04, HSB+06, Hes00, HA01, HR00b, HM02, JGSB07, LSM03, LMMW03, LTB09, LTOS04, MP00, MAC+06, MT06, MV03, MGGM06, MTM+01, MF04, MCLM02, PDS07, PPL+02, PF01c, SDM+09, SLB+00, SLD00, SI03, TWS03, WIK08, WW02, Wur07, dGP08]. **transported** [KCV06]. **transporters** [Alv07]. **transports** [HDMB04]. **trap** [KB01, LBB+04, TB00, TVL+00]. **trapped** [BMD06]. **trapping** [TFNT07]. **traps** [KBE+04, LSPC02]. **trawling** [PGP01]. **treated** [WH07]. **treatments** [RHW00]. **tree** [HGBB08]. **trend** [BDK+06b, CCAÆ06, VBH+05]. **Trends** [AS06, BEM+02, CWC+06, DS07b, JBM+07, VWPP+06]. **Trepagnier** [EB01]. **tributaries** [HMT+00]. **trichloroethylene** [AP00a, MHDH00]. **Trichodesmium** [ACW+03, Ano04, BFCS+01, BFBHF04, lLCChTO08, DWA+02, HVP+07, HFZ+07, HCD+09, KDRR09, KSWC+03, LDC+01, MC01, MB05, MBH+06a, MBH+06b, NT08, OGR08, PM08, SMC08, TSSWK+06, WJMD07, WSKL06]. **tricornutum** [CLPB02]. **trigger** [PP00, Sak00]. **triggers** [SSS06].

Trimethylamine [Sak00, PvE00]. **triple** [SAH+05, SAHS06, SAS08]. **tripos** [HHB05]. **triquetra** [KHH+03]. **Trophic** [BMF+06, BMCvE06, CPB+08, CLS05, DK06, SAS+03, TF04, AS00a, AS06, BCSW07, BK01a, BS01, CSSNA02, CNGV09, CCKC05, CDD07a, DGH+07, Dod06, GL07, HPLG09, HAG08, KAM04, LN02, MM05, MBC01, MWW06, OHCP02, OCSB05, PHF03, Sal05, SK05, SSH+07, TJV01, VR01, VZM07, WBD02, ZW06, ZHSJ09, vOMSM06b]. **trophodynamics** [FCJ+06]. **trophogenic** [CS06]. **tropical** [AMW+07, AJS07, Boo00, CKA03, CPL+04, COK+08, DTM+08, FDP+08, FCGC+09, FSM+07, HBI01, HM09, KKH06, KFH+09, MML+08b, NTDV06, RNC03, RP06, RPR+02, SHGM06, SCM08, TSSWK+06, TSDK+09, WNL+08, WTM09, dCCL09]. **trossulus** [WSBL06]. **Tsho** [SCY00]. **tube** [AH01a]. **tubeworm** [RSS+03]. **tuna** [SSV+04]. **Tuning** [vDBL05]. **turbid** [BKM05, DAC+07, RDPM06, SPG05, TM05]. **turbidity** [ACG07, ARO+04, CLL+03, NH06b, PGP01]. **Turbinaria** [TGFPT08, TTG+09]. **Turbulence** [Fra01, ESI01, FAL+07, FMS04, FNM07, HHB05, JWRW07, LMMW03, MK00, RKWG00, RMK+06, SCB03]. **turbulence-enhanced** [Fra01]. **turbulence-mediated** [FNM07]. **Turbulent** [MCJF09, PSLO07, SFL05, WPV00, CTR+02, HM08, MNSV03, RSC04, RKK09, SI01, SSM+09, VOG+08, WW01, WRD01]. **turf** [QYEA06]. **Turner** [Caf01, Dow02]. **turnover** [BD04, DBS+04, KL00, PG00, PIF08, RP06, SR07]. **Twenty** [DJG+06]. **twilight** [BB09, SVB+08]. **Two** [DHKH05, BHMS06, BMU04, BdG02, Boy01, BLBB07, CSSNA02, CG01, CWG+07, CH05b, Dav00, FVD01, FMG01, FG06, GSG+05, Ham05, HOFD01, JS03a, KGYU06, KMvD+09, Law08, LH05, MBK+09, MH04b, MBCB08, MTM+01, OH00, OCNH00, PED+09, Reu02, RLM+04, SDM+09, SPR02, SBB00, SC08, TLM04, VM06, WBB09, WH07, ZB03a, ZRL06]. **two-component** [PED+09]. **two-dimensional** [FG06, LH05, ZB03a]. **two-mile** [Boy01]. **type** [DK06, RGAS04]. **types** [RLM+08, SHS03b]. **Typhoons** [JCK+08]. **typicus** [Goe08, Møl07].

U [MWE+03]. **U.K.** [GHTJ00]. **U.S** [Cra07]. **U.S.** [AS06, CWWS00, FS09a, PWH+04, RH01, YSO02]. **U.S.A.** [CL02, CCKC05, HBM08, LAN08, OCNH00, VWPP+06, WHC+06]. **ubiquitous** [TCB+00]. **Uca** [KA06]. **ultra** [KKH06, UVY+01]. **ultra-high** [KKH06]. **ultra-oligotrophic** [UVY+01]. **ultraoligotrophic** [CMC+09, MSGK06]. **Ultrasonic** [GBH+02]. **Ultraviolet** [BN01, BJG+00, KLWS08, LFPH07, OV03, ROP+02, ARB+04, ARK+00, BSMR08, BM03, DSW05, FGM+03, HBS04, HBS05, KCE+00, KBD+00, LVC+00, LCS+03, LW01b, LLB04, LNB02, MPD+06, MGW+05, NRB08, Shi04, SWN08, SNPK+09, TXH05, WdMD+00, WGD+02, WDL07, ZSS+08, vdPAJ+06]. **ultraviolet-B** [FGM+03, WdMD+00]. **ultraviolet-visible** [MPD+06]. **Ulva** [CWC+07, MB01, MCL06]. **unaffected** [DKt08]. **unarmored** [MA00]. **uncertainties** [AD02]. **Uncertainty** [BNC04, MWE+04]. **unchelated**

[MKS08]. **unconnected** [MGRE+07]. **Uncoupled** [BD07]. **underestimation** [YPBL07]. **undersaturation** [CPL+04]. **understand** [GL07]. **understanding** [BSS09, RL01b, Sch06b]. **underwater** [CLF+08, FAM+06, HM08, JN08, LSK07, NAH+08, RWFK00, SGLT08]. **undulatus** [EKdF07]. **Unexpected** [YPBL07]. **unfished** [PGP01]. **unicellular** [ARV+07, FMG+08, KCP08, LB09, NFS+07]. **unidirectional** [MKM06]. **uniform** [CLL+03]. **Union** [Caf01, Dow02]. **Unique** [GS04]. **United** [BHV04, DNS06, HCC+02, PDS07]. **universa** [LEML09]. **Universal** [HFDO05, PSS00]. **University** [Boy01, Bri01, Fou02, Jun01, Mil02]. **unmanipulated** [RYS+02]. **unmask** [PHF03]. **unproductive** [BLJ09, BBJ05, KJJ07]. **unsaturated** [WBvE02]. **unsolved** [RL01b]. **unstable** [BCSW07]. **unsteadiness** [HDFM08]. **unsteady** [LASR09]. **unsustainable** [THT+09]. **Unsynchronised** [CTWFP06]. **Untersee** [WSNH06]. **Unusual** [SO07, UVY+01]. **upgrading** [BMCvE06]. **upland** [CGWK+09]. **Upogebia** [DD09a]. **upon** [MSHE09]. **Upper** [KNH00, ASP04, BNC04, CS06, CPL+04, FCGC+09, LHWE01, LBC06, MWE+03, MWE+04, SRKK08, ZXN+08, AIK04, XLF+03]. **upper-ocean** [SRKK08]. **upside** [CBD+06]. **upside-down** [CBD+06]. **Upstream** [KDO09, lLCChTO08, LFZ+07]. **Uptake** [BFDC01, BFC05, CBvEK03, GMRVFP02, SBL06, Ano08a, ATJH08, AB07, BFD+04, BW99, BW00, BSSL03, BDK+08, BARS01, CEBMF05, lLCChTO08, CT02, DHWW02, FAM04, FGM+03, FSBB05, GGRJ03, GFPG09, GKS+02, GD01a, GMAFP03, GP06b, HBL02, HT03, HTS+09, HTRM+07, HWL+00, KD02, Kim05, KTMM00, LJCM08, LNB04, LKM03, LBC+04, LLC+09, MBL+01, MPB+08, MGL02, MVW+04, ML09, NKJM06, PWX04, PSJ00, QRF06, RCD+05, SMCW02, SC00, SWSJ02, SH03, SY07, SC08, SH05b, SH07, TRT04, TvAVH06, TMC06, TPG+08, VMSB08]. **Upwelling** [RRSC01, AOR07, ÁSGMP01, ÁS07, ABFS09, BZS07, BRS01, CFG07, DKA+03, DGM+05, KMC+00, LAG+03, MS03, MZV03, NSH+09, NCÁSP06, PN06, PPL+02, SRM05, SLB+00, SGG+08, TvG02, TAB+00, VMC+07, VMS+03, WBB09, HHW+02]. **upwelling-downwelling** [SGG+08]. **urban** [CB04, LBEP06, MED+08, TYK+08]. **urbanization** [QLD+02, YYTH07]. **urbanization-induced** [YYTH07]. **urbanized** [DC05, TWS03, YS06]. **urchin** [GWH06, LLB04, YM03]. **urchins** [NA05]. **urea** [EM08, LV01]. **urea-grown** [EM08]. **Urease** [DA03]. **Urotricha** [WSL+02]. **Urrutia** [CR08]. **US$100** [Elm02]. **US$139** [Pom01]. **US$200** [Ris02]. **US$24.95** [Boy01]. **US$39.50** [Jun01]. **US$52.95** [Bri01]. **US$56** [Caf01]. **US$60** [Mil02]. **US$62.95** [SG02]. **US$68** [Dow02]. **US$76** [Gou01]. **US$80** [Fou02]. **US$90** [Kne02]. **USA** [CSM+08, MA08]. **Use** [BW01, BK01c, HBI01, MBC01, MC04, PF01b, RBW09, SRG00, ATJH08, AD01, AGP07, BMF+06, BSG+08, CH01, CC02, FQH+01, GGP01, HHB+09, HCH00, HW07b, HMKZ02, IR06, KVR03, KHNV05, MCLM02, NP01, PWH+04, PLMPN08, RvBB02, SrL05, SHS03a, SKH+01, UGSMN01, XTSM07]. **use/cover** [BSG+08]. **used** [DNS06, EWE02]. **usefulness**

[WRD01]. **uses** [SAS+03]. **Using** [KH03, PHF03, SGPM09, AH01a, BNK02, BRB+01, BMSA08, CEA+09, CD02, CT02, DCMS03, DPK+00, ETCP03, EPS00, FDH+01, FKCF00, FSK+04, GWH06, GFK00, HPLG09, HSN+03, HSB+06, HAHS+09, HTWG08, JL08, JN08, KM02, LBD+09, MVW+04, NAH+08, NKJM06, NCPd08, OHUB00, PLM+09, RVP+09, RPR+08, RRSC01, RBMN03, RB01a, RWFK00, SAS08, SHL+05, SDJT03, SA09, STST07, SM05a, TMS+00, VD08, VHL+04, WIK08, WKH+06, WAB+08, WSL+02, WR03, vE02]. **Utah** [DFBA07, KR08]. **Utility** [CBA01, BCM01, WSNM00]. **Utilization** [GFJ+02, MPRC02, Aki00, Alt01, CS06, CCKP02, EPS00, FSSP02, FL08, FSB+08, KCP08, LMPY00, MC01, PPH03, RlBW01, RRHPT+06, RGAS04, TB00]. **utilizing** [SO07]. **UV** [BVH02, BVK02, GRV+09, GWK01, HR00a, HBG+09, HLH09, LBC+09, Les01, LA06, MV00, MBC+05, MN04, RK02, WV00]. **UV-B** [MBC+05]. **UV-enhanced** [LBC+09]. **UV-induced** [RK02]. **UVB** [WWS+00]. **UVR** [CMC+09, NRB08]. **UVR-acclimatized** [NRB08].

Val [TMUW02]. **Valen** [KW04]. **Valid** [MSC+04]. **validate** [BW01]. **Valigura** [Caf01]. **Valley** [DP01, Pil04, TPM01]. **Valleys** [GMRD04, Vin00]. **Vallisneria** [NA06, NA09]. **values** [LW01a, TB00, TB05]. **Vancouver** [NK05, WIK08]. **Variability** [Ceb02, NSH+09, SHGM06, THL+09, TG03, Agr05, ASGA+07, Ano07, ABDS04, AC08, Bat02, BNC04, BFS+04, BMH+08, BLS+06, BBG05a, CLAK08, DD09b, DBTK02, EF05, FLWP09, FCJ+06, GBP03, GKJ04, GST+01, HKF01, HPT+09, HST+02, HH05, JN08, KFR+01, KRZ06, LVC+00, LIE06, LSSA04, LHB04, MRK02, MOK+03, MM03, MM05, MIN+05, MCB08, MWE+04, MCM06, NBW+02, NCC00, OS01b, PBMSG04, PLMPN08, PLM+09, RZMB05, RV04, RYS+02, Sal05, SSH+07, SM05a, SMA00, TLS01, THA01, VC05, VCKS08, WG04, ZSS+08, ZZPP01]. **Variable** [BLSQ07, CT04, WH07, BVH02, SHS03b, VWPP+06]. **variables** [BBLB05b, BBLB05a, BDK+06b, RM06]. **variance** [LH06]. **Variation** [FW07, GGP01, NKS+02, SIH+06, VR01, ABJ+06, ARO+04, BFML05, CG09, CC01, Car02, Dav00, DHKH05, FHBK06, Fyf03, GSB+09, HTRM+07, HB06, KN07, LLS08, LW01a, Leg01, LBB+04, LBM+04, MM05, OD08, PC02, PKKB05, PDR+09, PGL06, PVD01, PCDB09, RLP+06, Rit09, RPR+02, RHM04, RNA06, SAHS06, SRL+09, SRF+01, SP09, SPW+05, SJ00, SSL05, TWR04, UPC+05, VRS09]. **Variations** [BS04, MG04, SBW07, SMO07, BTS+06, BBG+05b, CGD08, CBB+02, DLZ+09, DHWW02, DRM+09, FSSH03, FNLG00, GCS06, HSB+04, LIHS03, MFK+09, NFFK00, PCA+00, SAH+05, SAS08, SJ08, SRT+03, Sch01, SP02, TRT04, TCCG05, YYTH07]. **variegata** [JM02]. **varies** [CNGV09, CG08]. **variopedatus** [TS01]. **various** [HSN+03, ZMK+08]. **varved** [GRdL+08, GRB09, JM08]. **varying** [ATJH08, HAA09, LG04, RS09, TLrR07, VM05]. **vegetated** [LMZB08]. **vegetation** [BP03, LN06, OS01a]. **vehicle** [HM08, JN08, NAH+08, SGLT08]. **vehicles** [CLF+08]. **veligers** [BMF+06]. **velocimetry** [CEA+09]. **velocities**

[BDS+04, CW03, DMS+03, GWL+07]. **velocity** [CT02, GDL+00, LN06, PG00, PIF08, PIKB08, TR03]. **Venice** [BMU04]. **vent** [Dix00, RSS+03, SWD+05]. **ventilated** [LPD+04]. **ventilation** [MGGM06]. **vents** [AM08, CMCB+09, Met04, Jun01]. **versus** [AFH07, BNC04, BS01, CWPL05, CD02, HH03, HWYL07, KHKS05, KMC+00, KCP+04, MG04, MBCB08, MWE+04, SC00, SK05, TSG+01, TSA09, TCB+00, VMJ08, VM05]. **Vertical** [BKAE01, BLHC08, GSL+07, HTAS06, KLWS08, TRT04, Agr05, Ann05, BF08a, BGC04a, BKB02, BJW+02, BRM+07, CMJ07, CLAK08, CMC+09, CTWFP06, Cra07, DJO00, De 02, DKKA09, FLT02a, FGM+03, FNLG00, GZL02, GNU00, HKF01, HFC+04, HST+02, HTWG08, HLH09, IJA+04, JB00, KKT+07, KSM06, Kir03, KL01, KJH03, LLS08, MWH01, RKWG00, Sal05, SJ08, SVC+07, STG+07, SBB00, TPFS09, TKK02, VCCS05, VRC07, WPV00]. **vertical-mode** [VRC07]. **vesicomyid** [TBHS01]. **via** [BFBHF04, CDBC00, GSA+05, HTS+03, HDP09, TN09]. **Viability** [BDvO+03, AS02]. **Vibrio** [GKS+02]. **vicinity** [ZVRL03]. **Victoria** [MRK02, Har01]. **views** [HM06b]. **Vigo** [ÁSGMP01]. **vii** [Dow02]. **viii** [Caf01]. **Villefranche** [TRT03, TRT04]. **Vineyard** [TT05]. **violacein** [DMJ09]. **violacein-producing** [DMJ09]. **Viral** [CDD07b, MNM+09, PRKHW04, BVN+00, BVG+07, EKD+07, STHG07, SMA00, WAGH09, WSHW05, YCM+01]. **Virginia** [HB06]. **virginica** [KN07, TG09]. **viridis** [PWX04]. **Virus** [GM04b, HMSI06, HOFD01, MD04, EMWL06, EW08, WBH03]. **virus-induced** [WBH03]. **Virus-like** [HOFD01]. **Viruses** [BVWB07, LCS02, CW02, MGF03, Thi00]. **visible** [DRM+09, MPD+06]. **visual** [Aks07, DJO00, De 02, SA04]. **visualization** [TPFS09]. **Vitamin** [BSR+07, TS08]. **vitro** [SLD00]. **vivo** [OHUB00, WSNM00]. **vocalization** [BF08a]. **vocans** [KA06]. **volatile** [HMNL06, HMT+08, MMW00]. **Volcanic** [SKTD04, HLK05]. **Volcano** [dBSN+06]. **Volume** [Ano01, Agr05, MDL00, MF01, MF02, TSML07, WS06, ZLL+02]. **Vostok** [CRBF+06]. **vs** [SVB+08].

W [Caf01, Gou01, Ris02, SMS09]. **W.** [Leh00a]. **Wadden** [dBWF+05]. **wake** [STK+04]. **wall** [GvRE+02]. **Waquoit** [YTVR07]. **Ward** [SRG00]. **warfare** [PSH+07]. **warm** [HGBB08, HZG07]. **warm-water** [HGBB08]. **warmer** [JLB+06, JKLR08]. **warming** [BST+05a, DJG+06, HAG08, JBM+07, JSJ03, LTHW04, MGH08, MSVS+07, MSPAE06, SSvNH01, SJH03, SCV04, VH09, VBH+05, WSEL09, WCGBG07]. **warms** [TYK+08]. **Washington** [Dow02, WIK08, ABDS04, CC02, EPD09, HSS06, KF01, PSEL08, RHN+02, RHW00, THH02, TWC+09]. **Water** [HLGI08, LCLP02, MRNT+07, SH06, SHS01, Agr05, Aki00, AJS07, AELS04, Arn00, BS04, BPOT04, BM01, BEM+02, BdBS+08, BMD+04, BKK+06, BNM+09, BDNF01, BM03, BLG+07, BZH08, Caf01, CBD+06, CGL+04, CK00, CWG+07, CT02, DDL+09, DMS+03, DKRZ06, DPFL09, DKKA09,

EDF+03, FS00, FS09a, FLWP09, Fol05, FB05, GSG+05, GJRM07, GP03, Gre09, HGBB08, HLD+03, HDP09, HST+02, HPAH+02, HKD01, HFDO05, JDS08, JFH+05, JHW05, JKLR08, KJMJ03, KAJ08, Kir03, KAW05, KL01, KRM09, Lee01, LH05, LP07, LMMW03, MCJ+06, MGGM06, MWW06, MS05, NIE+00, ORH01, PCC+07, PGP01, Par01, PFH+03, PSS00, PH03, PFPH04, RCAK05, RG02, RLJdB08, RDPM06, RL07, SC00, SLHK02, SHL+05, SKR01, SDvEB06, SSAZ01, SPG05, Sos00, ST03, SSMM00, SHS03b, TPFS09, TLvAH06, TR03, TRF+06, TG03]. **water** [TMA03, VBH+05, Wey04, WDL07, WLRB03, WBR03b, WRG+05, vODL+09, CHB08]. **water-column** [Aki00, JDS08]. **water-leaving** [DKRZ06, RDPM06]. **waterbirds** [GSA+05]. **waterfowl** [RL07]. **waters** [Ack03, ACZ00, ARK+00, BMFS+03, BAG+09, BOC01, Boo00, BRP+06, CG09, CDD+03, CLG08, CAP09, DCMS03, DHWW02, DJH05, DRM+09, EDF+03, FLT02a, FSBB05, GLP+08, GZL02, GSO03, GZY+08, GDL+00, HOFD01, HPT+09, KFR+01, LFS+04, MMLH06, MV00, MA08, MGC+07, MLSS05, NFFK00, NTDV06, OAA+06, OOB09, OCSB05, PLK+05, PPH03, RB09, RC07, RLC+01, RWK08, RDPM06, ST04, SSH+09, STC03, SWS+06, SAPA+02, THWS00, TWS01, TWS03, TvAVH06, TDJ+06, TBH07, TP03, TF00, TMH+06, UGSMN01, VMS+03, VM05, WBH03, WCB+06, WR03, WPV00, YT03, YSO02, Zha00, ZWHP04, ZWC+04, Sta01]. **watershed** [AD01, EBS07, HBM08, KVR03, KHB+00, RMG+04, TCP+03, XLF+03]. **watershed-derived** [TCP+03]. **watersheds** [KCV06, Sch09]. **Wave** [FPPH06, FB05, VTO+05, AIS00, AI03, ABFS09, CMD+09, DMS+03, DRSL07, EMK08, FAM04, GDK03, HMS+07, HH03, HD03b, HLM08, JLB+06, OD08, PFPH04, RKK09, SPZ03, VCCS05, WLP+07]. **wave-dominated** [DRSL07, FAM04, HMS+07]. **wave-driven** [HLM08, PFPH04, RKK09]. **wave-exposed** [ABFS09]. **Wave-induced** [FB05, VTO+05, DMS+03]. **waveguide** [BK01b]. **waveguides** [BK01c]. **wavelength** [LBD+09]. **waves** [AI01, BIIA03, BII05, GGIA06, GGIAY08, HD03b, HISW00, HLP08, LPB06, LSF+08, MCJF09, MF04, PH03, RKM+06, SI08, TG03, UL05, VRC07, dlFSIN08]. **Weak** [LLT05, BLHC08]. **weakly** [dlFSIN08]. **weather** [GV09, HGFS+05]. **web** [AGKK08, BMBA07, CSWD07, CSK+00, CPCK00, CGWK+09, DPC+08, FH09, HB05, Ham05, HSS06, HSB00, HTS+03, KAM04, Law08, MGVM+06, OAA+06, PCC+07, PSHM04, SAPA+02, STST07, SHS03a, TRT03, TJV01, THJ+09, VJ07, VR01, WWMB05, WLTF03, WLS00, ZHSJ09, vODL+09]. **webs** [BFD+04, BL07, BSG+08, CLS05, DGH+07, HMSI06, JSJ03, KTG+06, LFFC06, NH06a, OHCP02, QMS+07, SSvNH01, SPM04, VMC+07]. **Weddell** [PTK+07]. **week** [AGKK08]. **weight** [BRL03, DdG09a, EB01, HYH04, HSR+08, HB03, MSBHG01, RA06, ZWC+04]. **weighting** [OZM+01]. **weissflogii** [DP04, LLA05, TSKA05, vdPVB07]. **well** [KM02, TCP+03]. **well-flushed** [TCP+03]. **well-mixed** [KM02]. **West** [LJ09, CDD+03, FSS+00, PDS07, SLS+02, DGCMK00, DCC+01, LDC+01, RBJ+06]. **western** [ACW+03, ALH01, AKG+05, BP03, BLHC08, BST+08, CLL+09, DB07,

FSM+07, HHB+09, HVP+07, KED+07, KFH+09, MHK+07, MH04b, RvAV+06, RSH08, RG02, RWK08, SGB04, TMYH02, TCCG05, WJMD07, DWA+02, SSA+04]. **wetland** [BP03, Ham01, IR06, LAN08, MYM+05, RW02, SMD+04, SJW03, THA01, VW08, ZWHP04, ZHL06, Bri01]. **wetland-derived** [VW08]. **wetland/estuarine** [MYM+05]. **wetlands** [ARK+00, HL02, LFS+02, NHS07, OS01a, PWH+04, THA01, WS04, Bel01]. **WH7803** [CBvEK03]. **whale** [BF08a, Sch00]. **Where** [WGN+08]. **while** [TYK+08]. **whitefish** [GP06a]. **Whole** [FVD01, JMBJ01, BRB+01, BLM+06, CCKP02, GHB+05, KCP+04, RlBW02]. **whole-basin** [BRB+01]. **whole-community** [BLM+06]. **whole-ecosystem** [GHB+05]. **Whole-lake** [JMBJ01, CCKP02, KCP+04]. **Whole-stream** [FVD01]. **Wide** [SF05, RHK+09]. **Wide-ranging** [SF05]. **widely** [STP+07]. **widespread** [LCS02]. **Wiley** [Pom01]. **Wiley-Liss** [Pom01]. **Willapa** [RHN+02]. **Wind** [GGIAY08, RHN+02, UM05, AI03, BSS09, BI07, CW03, DR00, GZL02, HLP08, NSH+09, REL06, RNR08, WPV00]. **wind-driven** [GZL02, REL06]. **wind-forced** [NSH+09, WPV00]. **Wind-induced** [RHN+02, UM05]. **wind-inflow** [BI07]. **Wind-shear-generated** [GGIAY08]. **wind/internal** [AI03]. **Winter** [KAJ08, KBE+04, AMS+02, CJB00, FLT02a, FLT02b, Har02, KBG+08, MAC+03, MJ03, MAS+02, MFG+09, RL01a, SJH03, WHC+06]. **wintry** [HGFS+05]. **within** [All00, AHR+01, BMD06, FS00, FAL01, FCGC+09, FRO01, GRR+07, GGP01, HBH00, HHM+09, Hol00, LSPC02, LVC+00, LAN08, LZ09, New01, PH07, PCDB09, PHK02, PP07, PIF08, RKM+06, REL06, SMP05, TCB+00, WNAW09]. **within-lake** [LVC+00]. **without** [LSF+08, MSVAC04]. **wolfi** [HMD+07]. **wollei** [CT06]. **Wood** [EW07]. **Woodin** [Mil02]. **world** [GD00a, GSJ+09, JLB+06, TYK+08, SF05]. **world-ocean** [GSJ+09]. **worm** [vNHM+09]. **worms** [KKH04]. **WT** [UGSMN01]. **Wyoming** [IKT03, HT03].

X [Bel01, HSN+03]. **X-ray** [HSN+03]. **xi** [Fou02]. **xii** [Wro01]. **xiv** [Bri01]. **xix** [Sta01]. **xx** [Jun01]. **xxi** [Mil02].

Yaquina [DD09a]. **year** [AH03, BJG+00, ES00, GSG+05, SKBC01, SRKK08, UMASG07]. **year-round** [UMASG07]. **years** [BLSQ07, DJG+06, GRdL+08, Ham05, LD01, MMPA04, PLG+02, RCVK09, Tun00]. **Yellowstone** [IKT03]. **yield** [HMKZ02, MMS+02, Mor03, VSSTS00]. **Yoldia** [ST03]. **York** [DPK+00, GRB02, Kra05, NA03, RBC00]. **Young** [SMS09, AH03, LED06, RQB+00]. **young-of-the-year** [AH03]. **Yucatan** [SPR02].

Zealand [NDP+07, WLP+07]. **Zebra** [BDNF01, ALH01, BFC05, BFC07, BMF+06, BLHC08, NPE08, RSWH04, SWH+05, WBvE02, WvE04, WLTF03]. **Zedler** [Bel01]. **zetterstedtii** [SJRB09]. **Zinc** [BTdB03, JGSB07, PWS09,

SG08, SXLM06, XTSM07, CLP+03, CS05, DA05, EM08, EH00, FSS+00, LCPS05, RRD04, SDC00, SH04, SH05b, TSG+01, TLM04]. **Zinc-bicarbonate** [BTdB03]. **Zinc-cobalt** [SG08]. **Zn** [MJW03, SXLM06, SH00, WDX01]. **Zn-P** [SXLM06]. **zonation** [HH03, JB00, dBSN+06]. **Zone** [GRG02, KCCE06, AO09, BKB02, BK03b, BW99, BB09, BJL01, CGH+04, CS06, CWC+06, CIWH09, DMS+03, DH01, FS00, FCGC+09, FVD01, Gay00, HB05, HLW+07, HD03b, HLP08, JHW+07, JB00, LKAB04, LPB06, MVFD04, NEE08, RHK+09, SA00, SMJ+06, SVB+08, TIH+01, TCB+00, TM05, WGC00]. **zones** [HHT01, TAB+00, ZLP+03]. **zooplanktivores** [SA04]. **Zooplanktivory** [HG03a, HG03b]. **Zooplankton** [ET08, GWK01, HBH00, HLH09, JKS04, SK04, SMJ+06, ANSS04, ARB+04, BB04b, BMNSK00, CPHM04, CD02, CTWFP06, DTL+05, DET04, DJO00, DHTH05, dSFFTD07, GJS01, GHJ+05, HGB00, HPLG09, HNB+07, HS04, HABF03, HBG+09, JJT07, KKKT07, KJMJ03, KHKS05, KLWS08, Kiø00, LLS08, LBC+09, MNSV03, MM03, MM05, MBG+05, MKG04, MFF07, MCC02, MSJMN02, OBB+04, PHF03, PW03, PIF08, RHK+09, RFM07, RH03, RYS+02, SK05, STST07, SVB+08, SLC+09, SCV04, STK+04, TA03, TLS01, TCD+03, VC05, VK06, VKV07, WGN+08, WHHS06, WGD+02, WDL07, WST06, WBR03b, WLTF03, YYB+05, ZHSJ09]. **zooplankton-mediated** [ZHSJ09]. **zooxanthellae** [GFPG09, QYEA06, SSL05, TGFPT08]. **zooxanthellate** [GRVF+00]. **Zostera** [DDZ03, FG06, FHBK06, GBP03, PKKB05, Reu02]. **Zygorhizidium** [Hol00].

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