# A Complete Bibliography of Publications in *Deep Sea Research Part II: Topical Studies in Oceanography*

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## Title word cross-reference

**$#** [BHS+10]. **1** [DLR+01, DP99, JCF+06b, TLMT97]. **2** [EB01, JCF+06b]. **3** [CBF01, Cok16, FC01, GGLP02, GMPS04, JCF+06a, JDL+12, MRM+12, SGB+02, WTSP07]. **4** [FM03c]. **50°S** [RWJ06]. **60°N** [RWJ06]. **80°E** [MKB+10]. **<** [RMCAR06]. **>** [EBG+15, OvdRvA+22]. **−** [GAC+02]. **10** [AFB+94, CAFK03b, YKS03]. **12** [ZQ97]. **13** [BCWT00, BW99a, BOP95, CHL+15, CSL+07, CMVS+10, DKN+97, DBMI17, GOH+15, HFK+02, MSJS08, QW15, SRFR07, SBN+15, TA01, WMH+07, WKM+07a, WCSA+16, ZQ97]. **137** [HA03, Ike03, LLLP+03, NP03, OHT12, PFG+03, PdBK+03, TKP+20]. **14** [CMT93, DTB+02, LLB+00, MGC+14, ME02, PDTS08, RTB02, ROPB03, WCSA+16]. **15** [BOP95, CHG15, DBMI17, HFK+02, JHHK14, KW00, MSJS08, MTMK+13, MGC+14, RLP+98, ROPB03, SBN+15, WMH+07]. **18** [CMVS+10, LLB+00, MBW+08]. **210**

[AFB+94, BBB94, CMG+12, CCZ+21, CCC+03, HBCC13, LMS09, MLG+04, NZT97, OHT12, RH99, RSB+15, SKC99, SSL98, STWW01, VMM+08, VMGO+09, WCL+15a, YA03, YCT+22, ZGW+23]. $^{21O}$ [SRF95]. $^{226}$ [KL96c]. $^{228}$ [CBB+00, KLKB95, LKK+95, RKS+95]. $^{230}$ [AFB+94, CAFK03b, FA03, HAF+15, LKK+95, OOG+07, SvdLM95, SFV+01, SSL98, YCT+22]. $^{231}$ [AFB+94, CAFK03b, FA03, HAF+15, SvdLM95, VvdLS11]. $^{234}$ [ACH02, BCH+96, BMK+13, CM99a, CMB99, CBB+00, CMA+09, DMY+97, FS02, GAC+02, MDTS08, MES97, MSTT07, MYN+96, NKB95, PDSS96, RFB97, STJ+08, SSL98, SSH+11, SRF95, SCM+09, TTLP06, VMGO+09, YA03, YHL+12, vdLCS+11]. $^{238}$ [ACH02, MES97, TTLP06, VMGO+09]. $^{239,240}$ [HA03, LLLP+03, MPS+03, PFG+03]. $^{241}$ [LLLP+03, MPS+03]. $^{2I0}$ [NZT97]. $^{3}$ [JML08, KLLO98, MPS+03]. $^{32}$ [WBM96]. $^{33}$ [WBM96]. $^{39}$ [SKS+16]. $^{40}$ [SKS+16]. $^{7}$ [CLGM05]. $^{90}$ [Ike03, LLLP+03, MPS+03, PFG+03]. $_{2}$ [AAG06, AKBD13, ALT+13, BBL+13, Bat01, BCWT00, BCM02, BTR95, BDO00, CSW+18, CG07, CB09a, CFT+04, CCK+16, CSL+07, CBB+95, CMNM16, CMB02, CJM+22, DHW98, DOBH02, DVPR06, DLF+09b, DTR+09, DWW+02, DCF+11, ECD+17, FWC+95, FBC+02, FSL+01, Hei02, IIM02, IIM+09, ITMG18, KRF01, KLLO98, KOLA+18, KGdC+18, LSF+01, LBM09, MLVM02, MCJ+99, Mun07, MLS+15, MKS+02, NBSM01, NMW+09, NSvH+11, OLG+01, PWF03, PHD+18, PNS+09, PGK15, RBJW16, RWL+93, SMCA01, SWB+09, SMP+15, SLB13a, SDCH99, SZB+19, TSS+02, TSW+09, TLP+12, WTL+06, YKS+19, ZNM+02, Zon07, vHHH+11]. $\frac{-}{2}$ [PHD+18]. $_{3}$ [BZvHH00, ESA+09, EAS+09, KSS00a, SMCA01]. $\frac{-}{3}$ [MBL+15, PHD+18]. $_{4}$ [GOH+15, KLLO98]. $\frac{30}{4}$ [MBL+15]. $_{6}$ [LML+01, TOF04]. $_{\text{exc}}$ [STWW01]. $_{\text{org}}$ [WWW+02]. $_{TCO_2}$ [CSL+07]. $a$ [BBDL98, SMZ+08]. $\alpha$ [BSW+13, JKB04]. $\approx$ [CDJM04, MFG+04, MF09, MAA+04, MAA+05, NGM+05]. $\beta$ [Abr19, BSW+13]. $C$ [BDNS03]. : [MBL+15]. $\Delta$ [TLP+12, ZNM+02, BCWT00, BW99a, CHL+15, CSL+07, CHG15, CMVS+10, DKN+97, DBMI17, GOH+15, HFK+02, JHHK14, KW00, MBW+08, MSJS08, MTMK+13, QW15, RTB02, RLP+98, SRFR07, SBN+15, TA01, WMH+07, WKM+07a]. $f$ [ALT+13, CFT+04, GG93, SMS+07, WO99, WTL+06]. $\mu$ [RMCAR06, SBE+99]. $p$ [BTR95, DHW98, ECD+17, Hei02, IIM02, PNS+09, SMP+15, TSS+02, YKS+19, ZNM+02]. $t$ [WH98]. $\varepsilon$ [MW05a].

**-based** [SIA+05]. **-D** [CBF01, Cok16, DLR+01, DP99, EB01, FC01, JCF+06a, JCF+06b, JDL+12, SGB+02, TLMT97, WTSP07]. **-diversity** [BSW+13]. **-hexachlorocyclohexane** [JKB04]. **-phase** [WH98]. **-plane** [Abr19]. **-ratio** [GG93, WO99]. **-release** [BBL+13]. **-system** [CBB+95].

**/Ar** [CJM+22, ECD+17, TLP+12]. **/Bermuda** [CRR01]. **/N** [CJM+22, WWW+02].

**0.5‘** [NGM+05]. **0**$^{o}$ [FDM+97].

**1** [Ano98m, Ano99m, GBH+01, GSF+19, MDI+12, OGC09, OCKA+11, PF04a, SVR+00, VAK+09, WSFB02]. **1/6**$^{o}$ [TBBM03]. **10-year** [NLDJ14]. **107C** [Mun16]. **109** [ENM+16]. **1093** [GPK02]. **10**$^{o}$ [CM99b, PRMM+17, SHD+96]. **11** [FCP99]. **110**$^{o}$ [ADE22, BPD+11, BHT22, LHD+22, OB22a, PWD+11, PPB+22, SSJ+22, SB22]. **116** [NGM+05]. **118** [ULTL16]. **120**$^{o}$ [SvdMC+16]. **123**$^{o}$ [PDB+20]. **128**$^{o}$ [WMP+11]. **12**$^{o}$ [LKC96]. **130**$^{o}$ [OVKN11]. **132** [CM16a]. **135** [DTWW21]. **140**$^{o}$ [BK96a, BPD+11, CGR+96, FDM+97, IF95, KF95, KRB95, LKC96, LBB95, LFHM97, LKK+95, MGNB96, NTH10, PH96, RDG+95, SLT+11, VSSN96, WZW+95, PWD+11]. **144**$^{o}$ [WDG+02]. **14**$^{o}$ [GCB04]. **150**$^{o}$ [BRW00, DNA97, HSK+00, NPBS00, NKK+00, PNH+00, SGW+00, TCG00, WvdEM00]. **152**$^{o}$ [NPF+09]. **153** [RDC+18a]. **155**$^{o}$ [INTS02, TNIW02]. **165**$^{o}$ [DNA97]. **16**$^{o}$ [MGK+17]. **16S** [MGT16, XGL15]. **170** [HiII+20]. **170**$^{o}$ [AF01, BL01b, BBA+01, BBD+03, CWTJ03, DURP03, HFM+00, ILWH03, LSB+02, MAB+01, MGC+01, SMCA01]. **175**$^{o}$ [IHI+97]. **17**$^{o}$ [MGK+17]. **180** [RTI+16]. **180**$^{o}$ [GLLC04]. **1816** [GIPLL+14]. **1888** [DHST13]. **18**$^{o}$ [KEPZ93]. **1902** [SL06]. **1904** [MMN10]. **1906** [WF13]. **1920** [RMBW07]. **1920s** [Dri09]. **1941** [NCL13]. **195** [ELG+22a]. **1960s** [Dri09]. **1970** [BPKJ15]. **1980s** [CBK+07, KFS+10]. **1986** [Duc93]. **1987** [BSMV03]. **1989** [JPSB93]. **1990** [RA98]. **1990s** [AGL+19, Dri09, KDU+10, KFS+10]. **1991** [Dan95]. **1992** [Dan95, IF95, LCR+96, RD97]. **1993** [HBK+98, SCC98]. **1994** [ERR97, RlBW99]. **1994/1995** [And00]. **1995** [BLB+99, CD99, CDA98, DCM+99, DMS+98, DOB+01, GGH98, HKM00, KRF01, LSU04, LCL+98, SW01, SMB02]. **1995/1996** [HSK+00, KNK15, NKK+00, PNH+00, TCG00]. **1995/96** [GCR+02, GGLP02, VGBGPA02]. **1996** [AE02, Bak98, CES98, CHU+00, FBL+98, FD98, HCWW01, JWS01, KLLO98, MBF+98, NPBS00, RS02, RSP+98, SlBW01, SGW+00, SB98, WPAP01, WvdE00, Yal01, ZSB01]. **1997** [CRD01, DDK+00, TBFP04]. **1997/1998** [GCB04, PF04a, PF04b]. **1997/98** [HVWH09, TBFP04]. **1998** [Ano98k, Ano98m, Ano98j, Ano98l, Ano98h, Ano98n, Ano98i, BCI02, DZY+01, DTP+05, MLG+02, TDKA05, WDG+02]. **1998/1999** [BW04]. **1999** [Ano99i, Ano99g, Ano99h, Ano99l, Ano99m, Ano99k, Ano99j, LBB+06, RWR+02, YTF02]. **1999/2000** [HKN+04].

**2** [DIM+12, EBG+15, GSMB01, GSF+20, GOC09, HBV19, KVB+09, LCvdM+16, MGH+16, PF04b, SWCB02, SVS+20, SBvdL+02, VSR+00, bsBD+20]. **2-component** [BA10]. **2-km-resolution** [DKZP16]. **2.4** [KKT16]. **2000** [Ano00k, Ano00m, Ano00g, Ano00n, BND+04, Dem04, EHK09, HWN+04, OTH05, RBP+05, SKW+04, WGB+04, vAvVV+03]. **2000s** [Dri09, KDU+10, KFS+10]. **2001** [Ano97b, ARW+04, CCG04, KHB+04, OE06, VKGQ+09]. **2001-PUCK** [VKGQ+09]. **2001/2002** [NTH10]. **2002** [Gra09]. **2003/2004** [HHX+10].

**2004** [Ano11b, CCM15, GGF+08, PC08, SAM+13, SBK08]. **2004/2005** [FWP+07, LSS+07, SLMP07]. **2005** [CTBNL08, ZHB+07]. **2006** [BPRS11, GR10, JKK+10, SKH10b, WRBS10]. **2007** [LTW+11, SMH+11, WSL+11]. **2009-410** [RAB+17]. **2010** [CSG+13, GW15, MHFM15, OM14, TWA+12]. **2010/2011** [MHFM15]. **2011** [MHFM15]. **2012** [HSR+16]. **2012/2013** [KNK15]. **2013** [ACG+17, DSW20]. **2014** [BSN18]. **2015** [KOLA+18, KGdC+18]. **2016** [Ano19l, MDSA19, VPK+19]. **2017** [KAM+20]. **2021** [Ano21a, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m]. **2022** [Ano22a, Ano22b, Ano22n, Ano22p, Ano22r, Ano22q, Ano22s, Ano22t, Ano22u, Ano22v, Ano22o, Ano22w]. **2023** [Ano23a, Ano23b, Ano23c, Ano23j, Ano23k, Ano23l]. **2024** [Ano24a, Ano24d]. **20**$^o$ [CMT93, DMJ93, DJR+01, GRWW01, GG93, LDFS93, MH93, MF09, Pfa93, RWL+93, Yu03, ZSB01]. **20'** [MWB+09]. **20th** [PL04, VNBW18]. **21**$^o$ [BZvHH00, HM93, ZBvH+00]. **24-years** [LBJ+13]. **24.5**$^o$ [MBW+03]. **25-year** [AAL+17]. **26.5**$^o$ [LBB11, MJG+13]. **265** [WPB+16]. **26**$^o$ [Bae11, MWB+09]. **29** [Ano00k]. **29**$^o$ [AMN+02a]. **2**$^o$ [AAB+97].

**3** [BPRS11, CPM+18, FdBGP11, SGP+11, VvdLS11]. **3-yr** [SHM+20]. **3.5** [HB03]. **30-80**$^o$ [GR10, SLS+10, VKM+10]. **30-year** [BSR08]. **3000** [OvdRvA+22]. **30**$^o$ [GHIM04, HMW00, JFK+10, KEPZ93, MHG+04, NMR10, PMJW10, SKH10b, WGMW10, WRBS10]. **30'** [CWB02]. **323** [DF16, LSOM16, OM16, OTN16]. **33**$^o$ [CM99b]. **34**$^o$ [BZvHH00, HM93, PDB+20]. **36**$^o$ [CDJM04, MFG+04, MAA+04, MAA+05]. **37**$^o$ [DJR+01, JWS01, ZSB01]. **39-year** [OAH+16]. **39**$^o$ [TCJ+11].

**4** [Kyt02b, Kyt02c, PPRL02]. **40-year** [BA02]. **40**$^o$ [MWB+09]. **40'** [MWB+09]. **42** [Ano95b, Ano96f]. **43** [Ano96g, Ano97b]. **44** [Ano97c]. **44**$^o$ [INTS02, TNIW02]. **467** [MP94]. **47** [CC00, WJD+00a]. **47**$^o$ [CMT93, DMJ93, LDFS93, MH93, MHA+01, PDA+20, Pfa93]. **48**$^o$ [ARB+13, BZvHH00, HM93, ZBvH+00]. **49** [LLM+03, MCS+03, PNLFS03, RVJG+05, SMGB03]. **49**$^o$ [LAJP13]. **4MS** [FSP+16, COS+16, MPM+16].

**50** [EWA+03a, VSGM03a]. **50**$^o$ [BKD06, FUGG+09, MHA+01]. **50'** [MSNL09, MMG98, NLSL09, SFV+98]. **51** [MAA+05]. **51st** [Ste13]. **52** [AN06, ADGA06, BS06, SSK+07]. **52**$^o$ [FUGG+09]. **54**$^o$ [ARB+13, CSCP13, CLJ+13, KR95, LAJP13, WDG+02]. **57.5**$^o$ [DJR+01]. **57**$^o$ [PDA+20]. **58.4.2** [KNV+10, NMR10]. **59**$^o$ [JWS01, ZSB01].

**6** [RSD+97, SDB+97]. **60**$^o$ [RWL+93]. **62**$^o$ [GCB04, KNK15]. **6500** [KFS+17]. **65**$^o$ [Bol08]. **66**$^o$ [JPM99]. **67**$^o$ [KR95]. **6**$^o$ [CAÖT04, FG97, TBBM03, VPS97, Yu03].

**70**$^{o}$ [TCJ+11]. **71**$^{o}$ [Bol08]. **75**$^{o}$ [BKD06]. **76** [GAL+20]. **76**$^{o}$ [OA11]. **78**$^{o}$ [Bol08].

**800-year** [LWL+16]. **80**$^{o}$ [DSN+10, GR10, JKK+10, JFK+10, LW10, NMR10, PDT+10, RW95, SLS+10, TDvdE+10, VKM+10, WGMW10, WNA+10, WRBS10, WvdEP+10, PMJW10, SKH10b]. **81**$^{o}$ [BSSK+08]. **832** [Ano97c]. **85** [CBF+16]. **884B** [KOS+16]. **88**$^{o}$ [KR95, RW95]. **89** [RSCFT+16]. **8**$^{o}$ [CWB02, SBS+02].

**94** [Can06]. **95** [LAF+02]. **95-year** [OWW+12]. **98** [TBFP04]. **99** [RAF+14a]. **9**$^{o}$ [MSNL09, MMG98, NLSL09, SFV+98].

**A.** [DVS+97, DDAH+14, DTP+05, TFR+10]. **A87** [LZS+18]. **abbreviated** [MK19]. **ability** [NCT13]. **aboard** [CP22, RSD+97]. **above** [Che02, SHM+07]. **abrupt** [WCJ+11]. **absence** [LBSB+17]. **absolute** [TSDG13]. **Absorption** [FCG18, AHGCNM+04, ASF+12, DNA97, MTBB00, MNSMN+04]. **Abundance** [BRCFP23, DTWF17, DCM+99, DMC+01, DC06, GRWW01, GGDF08, GFS99, JGM09, LLS+19, MMY+20, MDTS11a, OT10, PGPI+13, SBB+11, SWSL14, SB05, VSS+93, YBC+17, APT11, AKK+14, ACG+17, AGD96, BDR16, BRM18, BEC+96, BLB+11, BFA+08, BDL+14, BPM18, BSSK+08, BPPJ15, BCB+18, BH97, BBB+07, BHJ+14, BCB07, BL06, BFS+17, BGMH01, BBB+01, CTW+15, CVF11, lLCCC07, CCK+16, CSF+12, CBS+01, CLH+00, CG04, CP02, CPEN08, CRBK03, CDJM04, CRI18, DMS+10, DEJ08, DSN+10, DGMS96, DB05, DVS+14, DPS+14, DC08, DSJ+11, EHK+20, FWZM12, FZW+13, GGF+08, GGAMV+23, GSM+08, GGC19, GVD+97, GCB04, GWP+98b, HCWW01, HZL+12, HS07, HRM+11, JVDH08, JKK+10, JSSW14, KBB07, KOM17, KG20, KRW03, KMM+08, KL03, KMOM19, KSM+11, KRLH14, LCD+24, LAMS+01, LPA+17, LAB+17, LPK+17, LWSA08, LWW+15, LDGH16]. **abundance** [LW10, MAST05, MC18b, MCH22, MO96, MLBB14, MBM+00, MQD06, MHG+17, NCR+08, NB10, NCSB+98, OM98, OMG+11, OB22a, PLD+17, PNH+00, PTD+14, PDA+17, PLA+17, PLPS98, PHKW10, QNL+16, QLU09, RCW+15, RRS+98, RCM+17, RRK+20, RNB07, SMA+17, SRS+20, SVJRSON04, SVAGRCS04, SWL+18, SSMC10, SCD14, SBE+07, SBP13, SHM+20, SCB+16, SNFK20, SNW08, SBS+08, TB98, TDvdE+10, TRB98, TDKA05, VBM+19, VALM17, VHC+17, WH01a, WSE+16, WvdEM00, WLR+00, YSMW05, YSHS08, ZFP+16, ZSZ+19, ZHB+07]. **Abundances** [LKC96, BCKH07, BT03, DBR22, DLB02, DFMG01, JBS+98, Kyt02b, MBHN02, SA15b, WCSA+16, ZZZ+16]. **abundant** [DFJ18]. **abyss** [GMB18, KBK+18, KRHS20, TRB98]. **Abyssal** [BEM+15, DQSF02, FHK18, GMBL10, HLL+10, KBG+10, Kha18, LBM10, LJB18, MLP+10, MZH+10, MMD15, PLS+10, PDB+20, SRDV07, SWBKK10, VT01, AS01a, Ala15, BGS98, BBL+13, BS98, BB98, BGB08, BBR+10, BPPJ15, Blu01, BBR+18,

BCNS15, BCE18, BSCE15, BFB+18, CCBL14, CAK15, CMH+20, Dau18, DND04, DJ15, DBS98, DGB+98, DBBWH20, DBH+20, EGMB13, EMG+15, EBGCL08, FHR+11, FB15, FBBW+10, FSM93, Gol15, GC15, GRB+17, GARVK04, HSC+07, JT07, Jaż15, JSSW14, KPML20, Kam13, Kam15, Kam18, KWPB15, KME18, KGS23, KKVP15, LSST20, LNJ+00, LMS15, LdSN+18, LBB+07, LS18, MA15, Mar18, MMWM00, MCD+09, MMM+00, PWCL98, PGF+09, PDY20, PRSS23, RJT11, RLB18b, RKB18, RCCP13, RJP18, SS13a, San13, SA18, SW09, SA15b, SBB+11, SBE+07, SM15].
**abyssal** [SRAL+17, SHD+96, SBD+97, SBG+98, SD98, SHM+20, SHR20, SPB+10, SC15, TWG00, WP00, WCB98, WZB+14, ZV13]. **abyssalis** [SM15].
**AbyssBox** [SRS+15]. **Abyssorchomene** [DHST13]. **abyssorum** [AM15, DHST13]. **Acanthocope** [MFB18]. **Acantholaimus** [LdSN+18].
**ACC** [VPS97, YLD09]. **accelerated** [RFF+02]. **acceleration** [GBC+13].
**accommodate** [HM14]. **according** [VSV+97]. **account** [BSCE15].
**accounts** [GMR+05, MK19]. **Accumulation** [CZP+08, CAFK03a, MHK+03, ZEGB97, ASH+11, BMD+17, BAD+97, BD94, DPLB94, DeM02, DTP+05, HTD00, HFM+02, IMP+02, bLHsL+13, MISC+02, MLG+04, OMY+03, OHT12, RV00, SBH+02, TDKA05, ZCP+08].
**accuracy** [AGHS04]. **acid** [BTV+11, BBB+11b, CHM+17, CSW+17, FBCN00, GRSW00, KWPB15, KME18, KYKJ16, MSW+13, MAB+01, MKKF18, NCE+23, ÖCB+04, PPYN15, PGFP+08, RKM23a, RN96, TYBY06, VVTM97, VCSM09, WPFB11, WPSB11, WPB11]. **acidification** [BJF16, BSN+15, GGCM17, HWK+14, JFM+17, KGdC+18, PTM+16, PCH+22, RBJW16, TPW+16, TTL+16, VHM17]. **acids** [EPPR09, GGO+14, GK02, Har94, ILWH03, KCZ+19, Kha18, PRC+09, SNIT02, SJSI00, WWH+10]. **Acknowledgment** [Ano09c]. **acorn** [APT11, ELG+22a, ELG+22b]. **Acoustic** [BCT21, BWWG98, BOH+04, FWC+12, GR10, JKK+10, KOO+24, KSB+03, MSM10, SCPP05, WH01a, ADBW16, ATLD+20, BH03, BdBJ+14, BSX+15, BWS+98, BMM+99, BTLC98, CDM+16, CLB13, DWG+15, DTWW17, DO19, DTWW21, DME+18, GWP+98b, GWP+98a, HVBO08, JOD98, KGE+04, LWSA08, LDHO+14, LCG03, MOT98, MS18, MWB95, OMG+11, RDW+12, SC10, SWC+02, SCGB18, TSSR20, TBPS22, UGSK+20, UW99, WGR+95, WWB04, WCS07]. **Acoustical** [WMS+96, Ano97b]. **Acoustically** [LWA+04, PMGH01, ASFI02]. **Acoustically-inferred** [LWA+04]. **acoustics** [GSPT13, MGJ+18, ŠH11b]. **acquire** [MCH+13]. **across** [ADGA01, BTR20, BN04, BBR+18, BSRB17, BG09a, BLW+09, CG21, CWS05, CL09, Cra97, CHSVB+19, DSB+18, DHM+22, DKGT04, EZB+20, EWA+03a, EWA+03b, ECM+06, FWC+12, GPCT23, HWS+07, HLL+09, HWJ20, HLM+01, JM15, KBB07, KFHR05, KMK+20, KWW+12, KHL+17, LEP14, MBW+03, MY99, MAB+01, MWF+19, Mun14, Mun16, MKW11, OvdRvA+22, Pap05a, PJC19, PBO+11, PRMM+17, RGTV97, RJB+04, RGL+06a, SRHP23, SM00, SWK+23, SMS01, SLB18, SWC09, SHD+96, SLH+00, SBA+20, SKKM20, SBS+08, TSP+18, THJ+05, TNT+15, VCSM09,

WJ02, Wir94, WOU06, WSB+09, YSMW05, vdLCS+11]. **across-shelf** [RGL+06a]. **Actiniaria** [SS13a, AD08, RLGG07, SSK+23]. **Actiniidae** [MBD+17]. **Actinopoda** [PPC+07]. **actinopterygian** [DLB+11]. **Actionable** [RHD+18]. **Active** [AML01, MMM+13, ACBV+18, CPW+18, DDB+17, DNA97, FC15, GSPT13, GHD+18, HBCG14, HS93, HTT15, LVP13, LMKL09, LSA14, LCE+23, MWK+18, MZR+95, OSCS00, OCG+09, RVC+13b, RAL04, RÇG18, RKM+23b, SSHB03, SSV02, SO98]. **active-passive** [HS93]. **activities** [Bec97, BGG+09, DCK01, JZ01, MORB+15, NKA+11, PSP+09, SLS+09, SLD+13, WBM96, ZDA+16]. **Activity** [NS93, BMRP02, BFL00, BSP00, BHSJ16, BVB+14b, BHS+10, BEJS93, CRJB08, CDJM04, DKT+01, DC08, DBDT03, DKGT04, ERR97, FC15, FD98, FMH+02, GQ09, GBVG+02, HMGD17, HMLS+06, Hol96, HD02, HLM+01, IAC+03, JBS+10, KN97, KSS00a, LWM+09, LWL+16, LRL+22, LNDH+17, MGS+10, MMSS14, MPTW11, OJK+10, PPR+20a, PJ99, RSR+19, SMGB02, SMGB03, SMB03, TB97, TGA+09, TOSH08, ULTL16, ZJA16, ZHB+07]. **acuminata** [VSGGPR14]. **acute** [TPW+16]. **acutorostrata** [LAP+17]. **acutus** [GIPLL+14, HZL94, PTWM12]. **Adamussium** [SL06]. **Adaptation** [BLM+14, AH17, LCT+07b, PKZ93, RJP18, XZW+19]. **adaptations** [STB+17, SBM+13]. **Adapted** [VAMPR+17, BCN+17, PFW+09]. **adapting** [RHD+18]. **adaptive** [VPdP06]. **ADCP** [FK98, HVBO08, KFH01, SMPSG+04, YXC+19]. **added** [BMF+01]. **addition** [CWTJ03, FSK+05, Had11, HNK+12, KTP+05b, KTB+05, LAW+05, LSS+11, LB98b, PST+05, PZK+05, SVD97, WN01]. **additions** [BTV+11, Thi05]. **adeliae** [CHPF10, NCR+08]. **Adélie** [WLR+00, CHU+00, BHB+07, CHPF10, EBG+11, ERPFF11, NCR+08, PCL22, WLR+00, WB03]. **Aden** [GOH+15]. **adjacent** [Ala15, Bea09, BPPJ15, BCE18, BMK09, CKFC18, CAK15, GC15, HSS+12, JT07, JLY+16, Kam15, KWPB15, KTF07, KKVP15, MN10, MA15, MA18a, MA18b, Mar18, MNR+11, NMC+07, NEN+07, OPV11, PWTH15, PW15, RLB+18a, SA18, SA15b, SKS+23, SNS+07, SC15, TAMTC+13, TLR+00, VVV04b, VD98, VT01, WKLM15, YNK07, YMMC11, ZBC+13]. **adjoining** [HHNK+04]. **adjoint** [BMRTL93, SOW01]. **adjustment** [DGR02, PN93, WGB01]. **Admiralty** [NKA+11, SJD+11]. **adopted** [dLWFB08]. **Adriatic** [AAG19, AGM+93, KMG+20, KLČ+19, TŠŠ+19]. **Adult** [SGI+19, CRJ+08]. **Adult-mediated** [SGI+19]. **Advanced** [MV23, RFF+02, PMLM+02]. **Advances** [CHS17, HAE+15, JFC18, ELP13, MDS+16, Pal19, YHC+15]. **Advancing** [RBG18]. **Advection** [KCA05, MMHB98, SNFK20, AVS+20, BMT20, CAFK03b, CK10, HCG+01, SFG98, SHB14, TLW+94]. **advective** [DGS+05, HSR+23, WPLN96]. **Aegean** [DFA+20, PVK+20, STD+20, TGLN93, TKP+20, Uys06, VPA+20]. **aeglefinus** [BD06]. **aequalis** [FARLR+13]. **Aequorea** [MCCM+98]. **Aerial** [BBLS14, MRE+11, KI18, LPK+17, PLD+17]. **Aerobic**

[MF09, TŠŠ+19, DW15b, SBG+98, WCB98]. **Aerosol** [LCW+07, BJB+06, MHA+15, PLL+06, bsBD+20]. **Aerosols** [TP99, HMA20, SML15, Ste04]. **AESOPS** [SA03, SAM+00]. **aff** [GW98]. **affect** [BBR+18, RLD+15, RCKCK07, TSB+14]. **affected** [And00, GGM+16, MMWM00, PFAZL09, RNR20, SBB+05, ZJA16]. **affecting** [AST+05, EGL+16, PSUH+16, SSG14]. **affinis** [BBB+01, HC13]. **affinities** [WAP+18, ZRC+11]. **Africa** [RLB03, AJP+22, HSR+23, HRSJ23, LTF+19, LPPK14, NFD+02, RPB02, RLH+03, SLC+15, WB09, WC07a, YLBdR03]. **African** [BMGC09, SV09, JRG+22, KHGL+02, MCD+09]. **Africanacetus** [IATK17]. **after** [BSJ13, Blu01, BJSH14, Bor01, EBS99, GBB+17, GSB+03, GBD+11, HML99, Joy16, JBÖ+16, LMH+18, PJ99, SEM16, SBE+99, SDLZ13, TBEW99, VKGP+11, YNG+16]. **again** [IDSM04]. **against** [PST+05]. **Age** [LZL+22, VFFM13, WZC+19, CBSS02, CCC+23, CP02, CRD+17, DMH19, EWF+18, FHAH16, FNS20, GEP+16, HJS+10, HSBT19, HSFN13, KM15, MMS+19, MO96, MZH16, SHM13, SHPM14, Vri13, WCS07]. **age-0** [CBSS02, CCC+23, DMH19, FHAH16, GEP+16, HSFN13, MMS+19, MZH16, SHM13, SHPM14, WCS07]. **age-1** [SHM13]. **age-class** [EWF+18]. **age-composition** [MO96]. **aged** [KFW01]. **agent** [BSSE16]. **agents** [KSDE16, TD16]. **ages** [DNG+12, KFTE14, PFDD16]. **agglutinated** [SSSN19]. **aggregate** [PLPS98, SBHS20]. **aggregated** [BS98]. **aggregates** [AZYT16, ESA+09, LPA+95, dJMTGG11, SCPC98, SBG+98, WCB98]. **aggregating** [LMLC+17, OLP+20]. **Aggregation** [AJ95, BS01, CCH95, PA95, ZD04, AHML95, AGPR95, BRG17, EB01, REWH11]. **aggregations** [BPR+10, LWSA08, LWAS08, MGGTM19, RBP+05, ZPG14]. **Agriculture** [BH19b]. **Agulhas** [AJP+22, BRL+03, DKdS+03, GNG+22, HSR+23, HRSJ23, HNCW23, JRJ+22, JKJ+22, LBR03, MRRG23, MPH+22, NGS+15, NPA+22, PMG+22, SBZ+03, TBBM03, WW23, vAvVV+03]. **aid** [BHS+17]. **Air** [ALWW04, DOBH02, JKB04, KOLA+18, Zül05, ÁRR02, AKBD13, CMB02, DLF+09b, FWG+97, FUGG+09, GLCP12, GCS+12, HLS+11, HTS+09, ITMG18, KRF01, KFJ+05, KIS02, LRFK99, MLS01, MLVM02, OSG+13, Pap05a, Sco05, SDCH99, SSC+23, TSS+02, TSW+09, YZZ+16, YZZ+19]. **air-sea** [SSC+23]. **Airborne** [HWS+98a, CMV+20, THV+99, YAS+93]. **Akademik** [CP22, Ste13]. **Akashiwo** [OM14]. **Akutan** [FBB+13]. **al** [BJF16, BMM+99, GAL+20, PTMH16, KMSM11, MV99, MHFM15, SBD05, VM01]. **ALACE** [CDDC03]. **alalunga** [WAN+15, ZKSS06]. **Alan** [Ano19l]. **Alarcón** [TMC04]. **Alaska** [CM16a, DB16, MD17, ALHP18, ARWM13, AISR+16, ABC+05, BC05, BOHW22, Blo02, BCB+18, BZMC20, BMB+18, BT04, BWOR22, Cam18, CWS05, CM16b, CP05, CHH19, Cra05, CBPT05, CBA+05, DMFD19, DMFB19, DHM+22, DTWW17, DO19, DTWW21, DMH19, DBMI17, DHS+09, DM16b, DSC+19, FME+09, GS06a, GSC+19, GBS+22, GDAMS19, GKR+18, HMGD17, HHD+09, HLC+16, HCG+09, HPH+16, HSC+19, HDJP05, HNB+13, JWO+09, JMSW05, KAI21, Kli09,

KMOM19, LWO+09, LSC05, LCH+09, LC16, LCS16, LB18, LDGH16, LBD+22, LSWH07, MMS+19, MPC99, MHTZ19, MHPS19, MC18b, MCH22, MD14, MHSV18, MOA+18, MSK+19, MBC+09b, MZH16, OMS06, OMAA18, OBH+19, PHH+16, PWH05, PSZ+19, PDC+21, RHD+18, RDSA+21, Roy05, SCD14, SHB14, SDB+19, SMBL19, SCB+16, SRN02, SBC+16, SGM+14, SCH+19b, SCH+19a, SMB+18, SFB16, SFB19]. **Alaska** [SPP22, TBH09, TMW+05, VBM+19, WDR05, YSMW05, Zim19, ZDO19]. **Alaskan** [FTT+17, BRD+18, CBK+22, LPM+19, OCP18, PAUB19, RHD+18, RSC07, RNB07, SBK+16, VSM17, ZRG16]. **albacares** [BSN+15, DABMAMA04, DWM+15, LCW20, WLT20]. **albacore** [DKP+17, GDA+15, LSNH15, PPYN15, RSB+17, SA14, SLHS20, WAN+15, ZKSS06]. **albatross** [PWB+06, WSP19]. **albatrosses** [KRLH14, SSB+06]. **albatrus** [PWB+06]. **Alboran** [LGR+14, CV17, SABP+16]. **Aleutian** [BZMC20, NHCL14, PHH+16, RBO07]. **Alexandrium** [ASK+05, AKK+05, AKM+05, AKK+14, AJG+10, Ano05a, ABS+14, BFG+10, BKS+10, BFK+14, BAD+14, CTCD05, DPS+14, DTP+05, EPK+10, ESAG10, ER05, GTTKB14, GKQ+05, KCMA05, KCA05, KTP05a, LLK05, LTH05, MPH+05, MLH14, MTK05, MAST05, MALT05, MTK+14, MBC+14, PTD+14, PHK+14, PAM+14, PKA05, SKM14a, SMSA05, TFR+10, TBT05, TPT05, TMTR14, TB05, TDKA05, VCM+14]. **Alexandrium-imposed** [LTH05]. **algae** [BMS+18, BMR+14, EWBW99, Gra09, RPZ+14, Ste10]. **algae-degrading** [RPZ+14]. **Algal** [AHHCR23, CCBL14, RVS11, BBLS14, BSG+02, DB97a, FMS08, GSMB01, GLW+97, Gra09, PLGCL09, RBMY14, RCF+16, SM96a, SLT+14, SMLS02, TRWB99]. **Algerian** [IFFGL+04]. **algorithm** [PW15]. **Algorithms** [COJ+09, BMML06, CC15, GG95, KKD06, LMvDA16, PG18, RD97, WPAP01]. **Alicella** [JLL+13]. **Alicellidae** [JLL+13]. **Alien** [SAKP+22]. **Aliphatic** [MRP+17, HTPM14, ULH+21]. **alisae** [CP18a]. **alkalic** [SWB+18]. **alkaline** [KN97]. **Alkalinity** [HM06, Che02, CSL+07]. **Alkane** [HT17]. **alkenone** [SBR+97]. **Alle** [KH02]. **allocation** [Arm06, SHM13, SH16]. **ALOHA** [CBT01, AML01, BGS+08, CTGD08, Chi96, DK96, FSL+01, KCD+96, KBD+01, LAMS+01, LDWK96, PLT+13]. **Alone** [EGMB13]. **along** [ABC+04, AMN+02a, AAG02, ADE22, AHVB+17, BRG+19, BJB+06, BK96a, BHS+19, BFH+11, BHSJ16, BFB+18, BL01b, BSS15, BBA+01, BBD+03, BCF+04, ÇYB+18, CFT+04, CGR+96, CWTJ03, CRMI18, CMB02, CG04, CAÖT04, DRH+09, DONF08, DJR+01, Duc08, Dud06, ERPFF11, ECS+17, FHR+11, FCW+15, FG97, GRWW01, GPÇ18, GLLC04, GARVK04, HHH+15, HBCG14, HZMH07, HFM+00, HSY08, ILWH03, JWO+09, JLL+15, JBS+10, JNBJ17, KNK15, KR95, KRB95, KT02, KDG+97, LHD+22, LWSA08, LWAS08, LOB+09, LSM+06a, LWSZ13, LBB95, LBE06, LKK+95, MS09, MY99, MPZ04, MGNB96, MKS+20, MCD+09, MLBB14, MRD13, MLG+04, NFD+02, NTH10, OBC+14, OB22a, OB22b, PHM06, PDA+20, PH96, PFC19, PSK+00b, PHDK11, PGK14, RHL+22, RV00, RSB+15, RP05, RPZ+14, RDC+18a, RDC+18b, RYT01,

SMCA01, SH99c, SLB18, SWL+18, SHB14, SZV+19]. **along** [SGB+08, SKMDR02, SIFS10, SBK08, SBH+02, SSJ+22, SKSW02, SSR+14, SHY+08, SWGPK17, SLP+17, SB22, TŠŠ+19, TBSP+18, TMP+13, VKC09, VCDAL14, WLR+00, WNA+10, WS11, WZB+14, Yu03, ZSB01, dCHdOF+18, vHHH+11]. **along-shelf** [VCDAL14]. **along-slope** [CRMI18]. **alongshelf** [SMS01]. **Alongshore** [HZN+16]. **alpha** [Car07]. **alpha/beta** [Car07]. **alteration** [TGG+09, WOM+16]. **Alterations** [DPK+14, LLK+09]. **altered** [DAA+20]. **alternations** [OCT+19]. **Alternative** [MMTT+20, TCEW07]. **Altimeter** [SJ00, BB03, BSS+02, HFKY05, WEB93]. **Altimeter-derived** [SJ00]. **altimetric** [Mit96]. **altimetry** [KFH01, LM13, MMXS02, SMS03, SMPSG+04, WH01b, XAY+11]. **Aluminium** [VVTM97, MvSdBL11]. **aluminum** [CW97, KAI21, PCDM11]. **alutus** [CM16a, CM16b, SCH+19b]. **ALVIN** [RSH10, NKB+18]. **Alvinella** [DCA+98]. **alvinellid** [PZL+09]. **Am** [LLLP+03, MPS+03]. **Amazon** [HMSMK04]. **ambient** [NSvH+11, TGRB02, UW99]. **amendments** [JMN+15, MAT+12, RJM+15]. **America** [BMK05, PPM02, SW09]. **American** [RSCFT+16, WLM23, DKP+14, FBS94, RSCFT+13]. **americium** [LGP+03]. **Amino** [GK02, VCSM09, GGO+14, ILWH03, KCZ+19, PRC+09, SJSI00]. **Ammodytes** [SLLT10]. **ammonia** [YLD09]. **ammonia-oxidizing** [YLD09]. **ammonium** [BFT+97, BCDV02, CCK+16, GMT+09, GMLB99, HSS+18, MF09, MSRM08, RWJ06, SFW08, SGD14b, WR01]. **ammonium-oxidizing** [HSS+18]. **amo** [YLD09]. **AMOC** [CH11, MZD+11]. **among** [BSR+18, BRBD17, Bro19, CDM23, DFD+11, DSC+19, IGN+10, KCM+14, KCL20, NLSL09, OCP18, PKHH17, SW09, SVJ+08, WCS07]. **amongst** [CAGL13]. **Ampelisca** [SR08b]. **ampeliscid** [SW08]. **Amperima** [BBR+10]. **Ampharetidae** [KEA+17, QRE+17]. **Amphimelissa** [MA05]. **Amphipod** [CBK+07, BVL04, DHST13, JLL+13, Jaż15, LMLJ18]. **Amphipoda** [HNS+11, BV04, DHST13, KGS23, LJB18, SR08b, WT12]. **amphipods** [AGD96, DEJ08, DYEJ08, HP08, HTD13, KBF+08, RJP18, SW08]. **amplification** [GPC14]. **Amplified** [MN10]. **amplitude** [LH06]. **AMSR** [MS12, OCKA+11]. **AMSR-E** [MS12, OCKA+11]. **AMT** [BMML06, RPH+06, CMB09]. **Amundsen** [AMvD+12, ALvD12, BLB+11, CKJ+16, CCK+16, GAL+12, GAL+20, HKY+16, JLY+16, KAW+16, KCY+16, KLJ+16, KHL+16, KYKJ16, LLK+16, LPJ+16, MDS+16, MAT+12, SKK+16, TAL+12, TLP+12, YJL16]. **anaerobic** [CCK+16, GMT+09, HSS+18, HFL+15, TCG+18, WJS+10]. **analog** [AWL+09]. **analogues** [MR15]. **Analyses** [PPR+20b, BS05, BS06, DCC+13, GBP00, GKB+18, HSHM02, KOS+16, KHT+20, MC18a, MKKF18, OTNT05, OSCS00, PGFP+08, PSK00a, PCP+17, RKM23a, WMH+07, WPFB11, WPSB11]. **Analysis** [BES11, DCL+21, FGH+13a, HA03, KCTG16, MPM+16, SMPSG+04, BBS+20, BGB08, BK96b, BOJ+10, CP22, CCM+20, COJ+09, CHV+15, CTW+20, CFL+16, DF16, Dan95, DRD06, DIM+12, DABMAMA04, DBD03, DKC+17,

DBMI17, DBC+02, ETP+16, ESK06, FGH+13b, GGC19, HGB+13, HiII+19, HiII+20, HRS+23, HSR+22, HZ19, IS07, JSBC15, JBOH10, KY17, KTSI07, KGW96, KS10, KW00, LDHO+14, LM13, LH15, LL13, LPL+20, MN10, MMY+20, MDI+12, MB03, MSJS08, MMT08, NHS+13, OAH+16, PSK+14, PPS+16, Pör06, RH14, RWT+20, RJDR06, RI05, RVZ02, SSWM18, SGP+11, SSB+06, TSW+12, VSR+00, WZC+19, WSB13, WDMEL01, WHLR13, WvdE00, WvdEP+10, WLT20, XZW+19, YFL+23, YQMB20, YBHM05].
**Analytical** [ÇYFB+06, OGC09, WLD+07]. **analyzed** [IFFGL+04, LB98a].
**Analyzing** [KLM13]. **Anammox** [GMT+09, BRM18, HSS+18]. **Anatolian** [ÇYB+18, GPÇ18]. **Anatomy** [ABG+20, MFFM03, VPS97]. **anchovy** [CDG00, DFY+23, EEAA+19, LTL+23, MGGTM19, NSBL94, WWH+10, DBC+19]. **Ancient** [PPM02]. **Andaman** [JMW+20, NG10, PS23, VV23].
**ANDEEP** [BDG+04, BBB+07, BEG07, GJ11, VK04]. **ANDEEP-material** [GJ11]. **anemone** [MBD+17, PB13, SS13a]. **Anemones** [AD08, RLGG07].
**Angel** [MLB+10]. **angelikae** [Ste13]. **anglerfish** [LAÁ+14]. **Angola** [BMD+17, DZL+17, JBD+09, LOB+09, OCG+09, SBDB09, vCO09].
**Anguilla** [HK19, KT06]. **animal** [ELP13, Fed13, HBM+07, TT17, WLD+07].
**animal-attached** [HBM+07]. **animals** [BCE18, KPML20, KG20, MN10].
**Annelid** [NRSL17, QNL+16, VHM17]. **Annelida** [Ala18, AP22, ALSF+17, GLMB18, KMA+18, KEA+17, RRT+17, SE07, SSAL+17, SRAL+17].
**annelidicolous** [CBMM15]. **annelids** [OBKA17]. **annotated** [PDB+20].
**Annual** [AvD04, ALvD12, BMH05, BSS+02, CSS+22a, HM93, HdBB+02, LGHD20, LN01, PIP+02, PDS00, SFW08, WMC06, AVA23, ASFI02, BCM02, BT04, BD06, CTW+15, Chi96, DGA+11, FMS08, HLL+10, HHH+14, HZT+06, HXC+22, KPPL00, KMDW01, MSGO18, PVRA07, PLHMA06, RMBG11, SMLP04, SNS+16, SMS03, WGST08]. **Annular** [MMH+08].
**anomalies**
[DVS+97, GOH+15, GOGCDB18, KD13, KLM13, MPZ04, SMH+11].
**Anomalous** [AFB+94, PLHMA06]. **anomaly**
[DGR19, GPMZ+10, RdGM+09, TGFE02, WTWC07]. **Anomura** [CRT+00].
**Anoplopoma** [CM16a, CM16b, RDSA+21]. **anoxic**
[HM06, KMLT06, TBSP+18]. **Anoxygenic** [TŠŠ+19]. **ANT** [BPRS11, FdBGP11, GJ11, Kyt02b, Kyt02c, RSD+97, SDB+97, SBvdL+02, SGP+11].
**ANT-XXIII** [BPRS11, FdBGP11, SGP+11]. **ANT-XXIII/3**
[BPRS11, FdBGP11, SGP+11]. **ANT-XXIV** [FdBGP11]. **ANT-XXIV/3**
[FdBGP11]. **Antarctic**
[ARW+04, ADG+08, BLBW+11, BSR+18, BLO+17, BMG+17, BCF+04, CAMA+02, CR06, Can06, CHM+17, CA06b, DKS11, DT08, DZ08, DFK+06, ERPFF11, EWA+03a, ECD+17, ECS+17, FJF+11, GSM+08, HBT+08, HBO11, ITMG18, JFM+17, KNK15, KOLA+18, KGdC+18, KMMS18, LWSA08, LWAS08, LBM+17, LAGK+18, MDTS11a, MSI+08, MBW+08, MSJS08, MMC11b, MdSLH13, NKA+11, PDT11a, PHS+17b, RVZ02, ŠHW+04, ŠH11b, SBS+08, TCM+04, VFS02, VNBW18, WAL+11, dCHdOF+18, BDG+04, ARLB00, ARNB01, ADBW16, AS02a, AF01,

AGW+13, AE02, AAMF+02, ACSG15, AHV+17, Ano06b, ASMM11, ASH+11, AHB+17, ASF+12, BCE+07, Bai09, BDE07, BFF+07, BLO04, BSS20, BVL04, BV04, Ber07, BCVCHW04, BRW00, BSZ99, Bol08, BSR+18, BSCR11, BKPA06, BKCV10, BBB13, CEG+11, CVF11, CHPF10, CMG+11, CSW+17, CSP05, CMNM16, CWTJ03, CBC02, CKH+08, CWD+10, DSB+18].
**Antarctic**
[DURP03, Dal04, DNM+16, DVS+97, DND04, DDS11, DO01, DK04, DPS+11, DKGT04, DLB02, Duc08, DEK+08, ETDB11, ECD06, EWA+03b, FCG18, Fig02, FG97, FWM+11, FMWD07, Gag04, GTSC08, GHM18, GMS+02, GSK02, GP08, GAP+06, GD07, GJ11, GWDP11, GS06b, GDC11, GBVG+02, Gut06, GBD+11, HNS+11, HTA+17, HWN+04, HKN+04, HCWH00, HH03, HWCT08, HWCT11, HKO+17, HHP04, HRM+11, HPM02, JKK+10, JSM+16, JBS+13, JCM+13, JHS+17, JSSW14, JH04, JVL+16, KGB+11, KNK15, KRS+11, KKM+10, KMB11, Kla97, KHB+04, KSM+11, KBF+08, LCVV06, LSB+02, LBR+11, LCvdM+16, Lar04, LL01, LSS+11, LWA+04, LT16, LB93, LCG03, LWC05, Lin04, LGBC06, LBE06, LZL+22, LRM+02, LDD+97, MAH+12, Mal04, MB07b, MDH08, MDTS11b, Mar19, MGJ+18, MOT98, MKB+10, MNG+11, MTK+18, MTD+18, MAB+01, MSV+17, MSvL17].
**Antarctic** [MBOvL08, MHVM+08, MBT97, MGC+01, MS11, MPTW11, NKK+00, NTS+11, NRBO+05, OMG+11, OPDM11, OA11, OSHB07, OCKA+11, PHOM09, PH17, PG97, PNH+00, PBG07, PDT+11b, PB13, PAVGBG02, PHS+11b, PG18, PHD+11, PHDK11, Pör06, PRMM+17, PDTS08, RTB02, RDW+22, RPMS95, RAF+11, RHPC+19, RVS11, RLGG07, RQNO04, RQM+08, RPZ+14, RFB97, SWR+95, SM00, SGGW11, SSWM18, SvdMC+16, SL06, SH11a, SAVP12, SBB+11, SBE+07, SLA+01, SBM+18, SRB+11, SK07, SPEPS18, SDB+97, SKMDR02, SK02, SMD06, SMS+08, SMD08, SMSI08, SMH+11, SHW+16, SSG+11, SGB+02, SGP+02, SBvdL+02, SWGPK17, SLP+17, SP06, SKH10b, TGU+06, THT11, TNBL95, UWvdE+16, URDP01, VMBS03, VBM97, VGBGPA02, VK04, VKGP+11, VMB17, VPdP06, VMI+08, VPSL15, WMB+08, WTS08, WSE+16, WBCB06, WGMW10, WGWW11, WGST08, WNA+10]. **Antarctic** [WS11, WRBS10, WMA11, WvdE00, WBA03, WPFB11, WZB+14, YKY+07, You99, dSEDW11, vFvdBB+02, vWMR+17, vdLBB+02, vdLCS+11, vGFGS02].
**Antarctica** [CR06, Can06, CDT11, DBDT03, HVBO08, IMP+02, MISC+02, PIP+02, RJGBF02, VSGM03a, AvD04, ALvD12, BS03, BFC+06, BS01, BLB+11, BN04, BCDV02, BAKF03, CHPS00, CDL+00, CCZ+21, CHU+00, CKJ+16, CCK+16, CA06b, CMW+08, CB01, CMK+18, Cri95, CKL03, DBD03, Dia04, DÁSCP02, DDK+00, DCC+01, EBG+11, FMS08, GZGH22, GRS00, GR10, GUSB03, GCJ+00, HCL+22, HDR+11, HB03, HBBD03, HMAW11, HSR+16, HSK+00, HSD04, HWS+07, HWTN22, HZL94, HKY+16, JKB04, JR11, JKK+10, JCP+22, JLY+16, JFK+10, KFG+03, KRW03, KGB+14, KCY+16, KLJ+16, KHL+16, KL03, KMD+01, LRR+04, LPJ+16, LXWC21, LCDS00, LT03, MMTT+20, MBS+13, MGH+16, MLH+22, NPBS00, NKK+00, NVK+04, NCR+08, OVKN11, PNH+00, PDT+10,

PEC+04, PBO+11, PDBH03, RJT11, RCF+08, RCF+16, RBS+17b, RHZ+03, SCM+02, SRS+20, SMV+03, SFW08, SLS+10, SHWW22, SRF95, SMHB00]. **Antarctica** [SDKH03, SBKS03, SBG+03, SGW+00, SGD+03, SHC+00, SSH+00, TCG00, TWD+08, TLP+12, TMT+11, TML+16, TKF16, VSGM03b, VMF+16, WvdEM00, WT12, WLA11, WLR+00, WNRM08, WMP+11, WSL+11, YJL16, ZGGF22, bsBD+20, vdMLB+11, BTFB12, BTC13, CWEHT22, SDMC03, VVM+12, ZDW+20]. **antarcticum** [OMG+11]. **antarcticus** [LZL+22, NCL13, PB13]. **ANTARES** [DRBM97, Gai97, PPRL02]. **Antares-4** [PPRL02]. **ANTARES-I** [DRBM97, Gai97]. **Antartica** [GSK96]. **Anthozoa** [SS13a, Dau18, MBD+17, RLGG07, dMGPT+14]. **Anthropogenic** [AAW+16, DCC+17, MDTG13, PDG+03, SZB+19, Wal94a, Aar03, AAG06, Ano96f, AAL+17, BCWT00, BFM+14, CHL+95, FPB+14, IPTH03, MHK+03, OGJ+19, PWF03, RPF01, ZMYS13, KGdC+18]. **anticipated** [ML20]. **anticyclonic** [EMW+08, IFFGL+04, LML+01, MRLL01, MML06, PWH05, RSC07, WR01]. **Antifreeze** [CDT11]. **Antimony** [CCFL01, RZS+16]. **antioxidant** [TTDR13]. **Antipatharia** [ROS+17, YBRT17, dMGPT+14]. **Antipathella** [ROS+17, dMGPT+14]. **ANTXXIV** [VvdLS11]. **ANTXXIV-3** [VvdLS11]. **any** [PHH+16]. **AOAC** [DRR+14]. **AOL** [YAS+93]. **AOSN** [FH09, RDL+09, DJCF09]. **AOSN-II** [FH09, RDL+09, DJCF09]. **aperture** [JLAD95]. **aphyonid** [MGN+18]. **aplacophoran** [SI09]. **Aplustridae** [CC13]. **apparent** [BHS+10]. **appendicularians** [ADS+02]. **appendix** [Ano96d, CDB94]. **applicability** [SJL05]. **applicable** [Ano17f, Ano17g, Ano17h]. **Application** [CAJE15, GGP+14, KBE+04, YKN07, AS02a, DLR+01, DRR+14, FSG02, FCP99, KS10, PDC+21, RSC+09, SAM96, XSL+17, ZRG16]. **Applications** [DGN96, GBS+22, PAR+08, BL06, RAF+14a, RAF+14b, SS05b]. **applied** [FNYK02]. **apply** [PTO+16]. **Applying** [HCJ+22, SOW01]. **appraisal** [Sha01]. **Appreciation** [Ano12, Ano13a, Ano13b, Ano16, SYR+11]. **approach** [AST07, ATLD+20, AGN+02, BdBJ+14, BDL+14, BCH+19, DWW+02, EHB19, FSP+16, GMB13, HFM+02, HGK+18, HAM+15, HD14, KYS94, KYW20, LDHO+14, LVP13, LS17, MYN+96, PCDM11, PWL07, PK03, PCB+17, QED+14, RN06, STB+17, SBL+18, SZB+19, SSB+06, SSB+07, TTLP06, TVL+00, TBSP+18, TTL+16, ZMYS13]. **Approaches** [SDGH14, ETP+16, NB10, DHS+14]. **approch** [CTH+98]. **approximation** [SJL05]. **April** [Ano98m, BSMV03, DTP+05, IF95, TDKA05, Ano00m, Ano22a, Ano23a, Ano24a, BCI02, CRD01, MLG+02, VPK+19]. **Apulia** [BFT10]. **Apulian** [Di 10, MTR+10, SC10]. **Aqaba** [BKP+19]. **Aqua** [CWP+15]. **aquaculture** [OSM+20]. **aquaria** [LPdR+14]. **aquarium** [KKM+10]. **aqueous** [PFAZL09, SLS+09]. **Aquitanian** [ERB+99, dMCNC99]. **ARABESQUE** [Bur99]. **Arabian** [BG09a, CL09, GBSL98, GNHS05, HLL+09, JJVH18, KFH01, KRG+01, LG00, LG09, LMB+98, LGML00, Men23, MCG+98, PPZ93, PSAY20,

RRMM05, SMBM99, SW00, WJD+00a, ZB00, AYN19, AYMSAS19, ASFI02, BN05, BDF00, BRM18, BRJM18, BE00, BEGC04, BMB+01, BMC99, BL99, BCBF03, BH19a, BDM+03, BFL00, BSP00, BL00, BSS+00, BSS+02, BDR+03, BLW+09, BLB+99, BLC+02, BBA+98, BGH+19, BBB+01, CLC+98, CD99, CWB02, CB00a, CM00, CDA98, CLH+00, CML+09, DC00, DCM+99, DMS+98, DOB+01, DG18, DSC+01, EBS99, EOB03, FLTV97, FL02, FWR+02, FK98, FHW06, GGRW99, GGH98, GGH+00, GMR+05, GMLB99, GBLS00, GBBS00, GW98, GRSW00, GGRW98, HP98, HML99, HLS+02, HDPI99, HKMS03, HXC+22, JTW00, JPZ93, JLB+99, KMD+99, KMDW01, KBSS93, KSS00a, KW00, KN05, KSS+00b, LRGH+05, LBC+98]. **Arabian** [LB98a, LLB+00, LMB+98, LJBF00, LL00, LCL+98, LWGS00, LOFC00, MGHN01, MDH+98, MTBB00, MPS+21, MGN99, MMWM00, MV99, MDO+98, MBM+00, ML20, MCS+99, MFM+18, MPS+03, MMM+00, MBG09, NISG05, NS93, OHFW93, PLdL97, PL00, PSK00a, PMGH01, PTA+99, PJ99, PS05, PDS00, PVT+21, RSR05, RJDR06, RSF+99, RHI00, RI05, RlBW99, RSW+00, RNP93, RBB+97, Sam01, SSI+99, SBS+00, SBD05, SWC09, SOS01, SW01, SRP+98, SLH+00, Smi01, SSR96, SP00, SBE+99, SZS+07, SBS+02, SJSI00, TBEW99, TLF97, TP99, TLR+00, TWG00, VJF23, WPHL02, WBJ+98, WFR+02, WJD+00b, WMM02, WDMEL01, WGG98, WP00, Wit00, WLL00, WLC99, WRS99, Zon97, dSG09a]. **Arabian/Persian** [PSAY20]. **aragonite** [MCM+14]. **Arc** [Lin04, TTD13]. **Archaea** [TGA+09, WLM23, MTDK98]. **archaeal** [BRJM18, LTG+09, NKA+11, QLU09, SPEPS18, XGL15]. **archaebacterial** [GD07]. **archaeological** [BOC18, DCS+18]. **archaic** [GAP+06, BSCR11]. **Archipelago** [CSS+10, ES04, NCT13, CHH+22, FPGH02, MDG13, RVC+13b, ATI+23, BNM+07, DAN23, GBL+08, TRM+07, VFFM13]. **archipelagos** [CSM13b]. **Archipiélago** [SCC98]. **archival** [CFK15, TCEW07]. **archived** [LSL+15]. **Arctic** [Ano05b, CGG+12, GCS+12, GH05, GHS09, HD07, LJL+12, LGK15, MORB+15, MBL+15, MWFS17, ORFA+14, PSA14, RGS+97, SSF97, SSH09, YKJ+15, Arr15, Arr16, ATN+12, BFL+20, BKP+20, BDL+22, BFD+23, BBLS14, BCWT00, BIH10, BH97, BHK+10, CFK15, CSA+09, CAS+97, CMNO23, CDM23, CWP+15, CLQ+18, CAC+97, CLGM05, CGG+19, Cra97, CMPB18, CJM+22, DBJ97, DTWF17, DTWW17, DTWW21, DLWW23, DBMI17, DSW20, DCF+18, DGS+05, DGT17b, DSYH09, EAF+17, FPLB+08, Fer06, FNS20, FTT+17, GMD07, GVW+19, GGCM17, GLW+97, GBI10, GNB+17, GMCF19, GKBG17, GF97, HHH+15, HMGD17, HTPM14, HCAK17, HM14, HC05, HALV18, HK07, HPK+97, HEW15, INTS02, JYM+15, JDL+12, JLJ+12, KM05a, KCZ+19, KB95, KMC05, KHC+09, KEA+17, KH10, KCO+19, LKD+15, LCS+06, LKJ+15, LDG+23, LMvDA16, LLM+17, Liv95, LPMS09, LWJR22, MBI+10, MEB+23]. **Arctic** [MGK19, MS12, MSGO18, MSV18, MES97, MKH+05, MWFS17, NPF+09, NED09, OACA19, PLL+06, PWP+05, PLGCL09, PFPJ+09, PDE+16, PHKW10, RLB+18a, RHK+10, RFF+02, RWRS08, RHD+18, RFQ99,

RKS+95, SSLP95, SvdLM95, SE95, SFPH+08, SCGB18, SBSW07, SFP+09, TCH+16, VSFF09, WHF+19, WLM23, WBO07, WYOS18, WWH97, Whe97, WWN+22, WTT+20, WCJ97, YHK15, YBHM05, ZCG+12, ZWL+22]. **Arctocephalus** [AHB+17]. **Arcturoid** [GMB18]. **Area** [BJK+22, DKC+17, GASGB+14, AMJRD19, AAMF+02, BM17, BCNS15, BCE18, BEM+15, BFG+10, BVGE+06, COV+08, CSGV13, CWJ99, CDJM04, DJC+14, EMG+15, FB15, FEB+15, FSG02, FS14, GHIM04, HH93, HDF+01, IMP+02, LUV99, LWDH06, LMS15, LGO08, LVP15, Mah16, MB15, MXC15, MQACB08, MHM+14, PWMC01, PAUB19, PFAZL09, SdS01, SP09, WSP19, vGCM00]. **Areas** [LVP+17, PRDB+17, Ala13, AE02, BCVCHW04, CSM+13a, CLQ+18, DC12, HD17, HSC+19, HWCT08, HON+13, JT07, KCD+17, KGB16, LCWJI+19, LPS14, OMAA18, RNP93, SAG+10, SKS+23, SNS+07, SCH+19b, SCH+19a, VGBGPA02, VVV04b, WLZ+19, WCS07, YLG+18, YNK07]. **Argentina** [RDdL+13, FSCC07, HZS00, MP17, PRP15, SGB14]. **Argentine** [AFM93, AHK99, BW93, Ell93, FSM93, Led93, MF93a, OA11, RWG93, WEB93, Wea93]. **Argo** [PVT+21, CWS+23, Fre13, Gou05, JBC+21, KK20, MPS+21, PK13, PPR+20b, WXL+23]. **ARGOS** [RTC+07]. **armatus** [MSW+13, RCCP13]. **aromatic** [HTPM14, HT17, LTS+97, WSS+08]. **array** [ARLB00, GMCF19, KCO+19, MT98, WWB04]. **arrowtooth** [DDAH+14, DMH19, SCH+19a]. **Arsenic** [BSE+16, CCFL01, PSP+09, RZL+10, RZS+16, TD16, WSLC15]. **Artedidraconidae** [LCVV06]. **Artic** [Ano96f, CHL+95]. **articulata** [JR11]. **artificial** [AS01a, STF09, Tho97]. **artisanal** [TMGLM19]. **ASAR** [OCKA+11]. **ascertained** [LMLC+17]. **Asellota** [EGMB13, KBK+18, Gol15, Gol18, GM22, MB07b, MB15, MB18, MG22, RHW04, RMBW07]. **asexual** [TGU+06]. **Asia** [GKB19]. **Asian** [JRK+17, WKM+07b, WKM+07c, Bro19, BH19b, LP19, PH19, SPDW19, Sum19]. **Aspects** [BCP+15, KBSS93, OVKN11, ASB+02]. **asperum** [WZC+19]. **asphalt** [FYS+17, NMN+17]. **assay** [EPK+10, PBG+10]. **assemblage** [lLCCC07, CSGV13, DSE+14, GVW+19, GAP+06, KRHS20, LS14a, LHZJ13, MKKB14, MSK+06, MSS+02, MBO07, WAP+18]. **assemblages** [ATJ05, Ala22, AAG02, AFC+17, ARB+13, ANS+11, AKHR+20, BAS00, BHS+19, BH94, BSCR11, BBW+15, CBNR+09, CPF+14, CJA+06, CG21, CDM23, CD20, CHR97, CPA+11, DHS+14, FKS18, FS14, GCCG13, GPCT23, GDAMS19, GMBL10, GSdS+14, HNM+20, Hec94, HSR+22, Hus16, IMG+19, IKR+12, JTW00, JBD+09, KBG+10, KNI+05, LWDH06, LWSZ13, LBB+07, MBI+10, MRMP09, NSWY20, NHBM10, OKY+17, OT12, PWCL98, PMS+20, PZL+09, QSA+09, RVZ02, SKdS+14, Sor99, SPB+10, SB22, SRS11, Tan03, TT05, TVLB08, TMP+13, VGBGPA02, VH99, VT01, WAM+18, WRBS10, ZBC+13]. **assess** [FSP+16, MBP+20]. **Assessing** [BS21, BHS+10, CMG+11, CNOC13, FA03, GWP+98b, HPWP07, Hei02, PSUH+16, Pas18, SSSN19, SMH+06, SSP+09, TBPS22, Vri09, DTB+02, TBSP+18]. **Assessment** [COS+16, CWP+15, DM16a, LL13, MB96,

MFN+02, PPR+20a, SHS+12, STP+16, VTA+11, ATI+23, APB+09, BFH+23, CDM23, CML+14, DMC+17, DBG+16, EHB19, FBP+17, GGP+14, HCBP97, HIA+16, KFW01, LTG+09, LTF+19, LCL+22, Lip01, NP03, RP18, RDSA+21, TRF+97, WSL07, WPW+14, YKSI19, BKS+16, ESW+16, Mah16]. **assessments** [IHPA16, SPW+22]. **assimilated** [FHW06]. **Assimilation** [Fri01, SP09, CFZ+18, FM03c, HDGM19, HFKY05, LHS96, LDWK96, MD14, OBM+93, SRA+09, SJL05, SS01, TDC08, WO99]. **assimilative** [CLF+09, MHB+23]. **assist** [AKZL16]. **associated** [Ala22, AP22, dSVC+14, BW04, BPKJ15, BCKH07, BRBD17, BAKF03, BPR+10, BVGE+06, BLC+08, CBNR+09, CR06, CdST+17, CH24, Cha03, CSG+15, CKJ+16, CCK+16, COQ+18, CCM15, CTT09, EHL02, ERR97, EHK09, FR10, FSK+02, GLCU+17, HDR+11, HLL+10, HMA20, JCF+06b, KLLO98, KKK+17, LBV+08, LSUB94, LSM+06a, LPPCF10, LXS+13, LMLC+17, MCS+09, NMN+17, OGG+15, OB22a, OLP+20, PLRV22, Pas16, PHD+18, PZL+09, PRSS23, SMZ+08, SYT+10, SL94, SAVP12, SBBP+15, SZH+04, SSAL+17, SS02, SSI19, SM03, SSS+11, Sot09, TSS+21, Thu06, TLR+00, WPD22, WCH+93, WCB98, ZPG14, ZPT+13, ZA16]. **associates** [BVL04]. **association** [ALH+01, AHVB+17, ADG+08, ACG+17, BDL+14, GS06a, NKA+11, PGPP+13, SPH+08, YBC+17, TTU01]. **associations** [BWH+17, HSY08, KFW01, LWAS08, MBB+02, NYH+20, OMS06, SJJ19, YSMW05, YSBH06]. **assumptions** [GLF+03]. **asteroid** [FSG02, MMD15]. **Asteroidea** [Mah16]. **Astrid** [DKdS+03, vAvVV+03]. **asymmetry** [DWW+02, MS12]. **asymptotic** [CJ19, Mar19]. **At-sea** [CFGR07, WJR+16]. **Atheresthes** [DDAH+14, DMH19, SCH+19a]. **athesphatos** [BG10]. **Atlantic** [AFB+94, ARK+94, Ang10, Ano96g, BBB94, BMK96, Bea09, BDL+14, BA94, Bis94, BRP+13, BY04, BHLS15, BAC+15, BWH+17, BJ15, BSS15, BOJ+10, CFJL96, CAGL13, CdST+17, CMT93, CRR01, CPH01, CNM17, CWdE99, DMJ93, DKT+01, DOBH02, DGN96, DSE+14, DKQ+93, FBS94, FS05, FHR+14, FCW+15, FPW02, FKH13, GG93, GdSP11, GNT+17, GOP+01, HCBL+17, HAH+01, HC13, HS93, HM93, HFP94, JKB04, JLL+15, JPM99, KM96, KFF+94, KD01, LRFK99, LSUB94, LDBvdB17, LDHI93, LDFS93, LL13, LTS+13, LN01, MHS01, MP17, MK96, MRD13, MTM+13, NTF01, NKB+18, NESB+15, OLG+01, QW15, RTFB09, ROL+15, RSB+15, RDFSWV99, SH00, SSUB15, SBP13, SSAL+17, SLB13a, SKdS+14, SE14, SPB+10, SGL99, SS99a, SJST13, Ste04, SCB+01, SLB13b, SMB03, SS13b, TRB98, TCJ+11, TRM+15, Wal94a, WCH+93, WBBM01]. **Atlantic** [WBML06, Wir94, WSLC15, YQMB20, You99, ZBC+13, ZPT+13, ABD+13, ADV+01, APB+09, AGL+19, ACV+01, ACG+01, ARB+13, ARC02, ANL13, ABKL96, AKBD13, Ano99a, AMV+09, Ark13, AHVB+17, AL13, BC11, Bae11, BJB+06, BMS+18, BMGF93, BMP+09, Bat01, BSK+97, Bau02, BDWG02, BFDB17, Bec97, BMML06, BJA13, BMS99, BGWF08, BW99a, BBR+10, BG94, BSJ13, BCH+11, BBR+18, BSZ99, BNP+09, BRBD17, BLG11, BHAL13, BG10, BBB+07, BHJ+14, BFB+18, BSW+13, BCL14, BZvHH00, BR14, BD06, BEJS93, CVA+13, CAH+09, CFK15,

CSEP+17, CHN+10, CSM+13a, CPF+14, CH11, CRDP02, CSM13b, CM99a, CZVR02, CWWB04, CFT+04, COJ+09, CM03, CBW01, CMH09, CW09, CSH+13, CAJE15, CGPM13, CHV09, CSGV13, CSCP13, CLJ+13, CLB13, CHR97, CBS11, CPA+11, CM99b, CCFL01, CC01, DLR+01, DDN+04, DMC+17, DSK+13, DTB+02]. **Atlantic** [DB97a, DONF08, DJR+01, DKJ13, Dri09, DSW20, DOC01, DB97b, DH93, Dud06, DHST13, DJC+14, DFMG01, EQW+13, EHL02, EWP+99, FVW08, FRW00, FWS94, FHP94, FS07, FD01, FUGG+09, FCBD08, FCAD04, Fro04, FPB04, FYS+17, GGF+08, GRWW01, GLCU+17, GOD+01, GWR93, GM11, GSW99, GCI+01, GGDF08, GSW+09, GDA+15, GBSL98, GMBL10, GAJ+13, GAHD+17, GLMB18, HTD00, HT01, Ham07, HHH+93, HMW+15, HAF+15, HCWW01, HH93, HIK+08, HWP+11, HDF+01, HdMR+99, HZT+06, HMC09, HK07, HTD13, HSY08, HMSMK04, HTT15, HWJ20, JSBC15, JZ93, JPSB93, JWS01, JR04, JAP+13, JNBJ17, KBK+18, KBG+10, KSL+04, KRF01, KD13, KJB+08, KCM+14, KFS+17, KSU+06, KMK+20, KMKA20, KPBK08, KLM+11, KEPZ93, KST+99, KLM13, LVJC17, LRGH+05, LOA15, LPD+17, LNJ+00, LSdC+10, LAÁ+14, LML+01, LB93, LOA13, LMG93]. **Atlantic** [LH01, LH08, LWC05, LAJP13, LLM+17, LS18, LBB11, LMLC+17, LBB+06, LGB13, LFKF+17, MBW+03, MAH+12, MZD+11, MFB18, MH93, MFG+93, MR01, MC09, MLP+10, MPL15, MD06, MS99, MLS01, Mas01, MCB+15, MB03, MA05, MSW+13, MSD+18, MHFM15, MKD+20, MRMP09, MDG13, MG13, MBK97, MdBL+11, Mil94b, MGR03b, MWB+09, MGK+17, MBMGK08, MFE+02, MKW11, MR15, NHH+13, NMK+20, NDT+01, NHS+13, NRBO+05, OBC+14, OL15, OUJ+19, OGBF08, OPB15, PPA10, PLS+10, Pak04, PF04a, PF04b, PH17, PK08, PP93, PWCL98, PKR+01, PRDB+17, PGPI+13, PPRHLF02, PB08, PBN10, PMM+94, PGS14, PSB14, PPFS17, PPM02, PSE+93, PGPP+13, PHH+06, PD01, PBB+13, QTPS97, QB02, RCL+09, RH99, RRL+14, ROS+17, RLD+15, RHK+11, RWJ06, RSB+17, RSW+13, RHB+04, RvAH10, RKHK+11, RF99, RLB18b]. **Atlantic** [RKB18, RPF01, RCCP13, RWL+93, RHJ06, RPH+06, RHJL09, RMPI+17, RCM+17, RFLW00, SA14, SHI06, SMB+13, SSP14, SKC99, SLdB+15, SLDL93, SAA+17, SBG05, SSMC10, SFV+01, SBB+11, SWB+09, SRDV07, SLHS20, SFR+06, SRF+09a, SF11, SPF+94, SML15, SSV02, SBP13, SRAL+17, SRBR05, SKW+04, SVS93, SGB+08, SBK08, Sor99, SABP+16, SMA01, SHY+08, SS99b, SKKM20, SBvdL+02, SWGPK17, SLP+17, SMM+06, THJ+17, TZS+01, THZ06, THM+13, TTLP06, TGK+11, TSPH09, TBBM03, TLK+02, TLP+19, TCH+16, VKG93, VALM17, VSS+93, VCRDF99, VM01, VCR02, VCO+15, WH01a, WCJ+11, WW04a, WHNS04, Wat09, WB01, dLWFB08, WBM+10, Wil98, WR01, WR15, WW04b, Wun13, Yal01, YSC+20, YSHS08, YS01, ZV13, ZBvH+00, dMGPT+14, vdLBB+02]. **atlanticus** [EWP+99]. **Atlantis** [GTB15]. **Atmosphere** [GSF+19, GSF+20, AGL+19, BPF+03, DWW+02, KD13, KFA+20, Mas01, MW06, NHS+09, RFHL99, SWLL23, SDMS06, WBA03]. **Atmosphere-Ocean** [GSF+19, GSF+20]. **Atmospheric**

[BA02, GCN+97, HSR+23, KMT20, KWN+09, TP99, WBJ+98, BJB+06, CBBM12, CKH+05, CB09a, DWBP13, DLF+09b, DBL+05, DJCF09, EHL02, HSR+16, Hei02, JDL+22, LRFK99, MSM+02, MCJ+99, Mun07, NMW+09, PW05, PNL+19, PMJ20, RW95, SYT+10, SBD05, SZG+13, SLB13a, SUK+06, TMP+19, WBO07, YK16]. **atomic** [LZS+18]. **attached** [HBM+07, LWW+15, RVS11]. **attachment** [MCS07, RCKCK07]. **attempt** [Gut06]. **attending** [ACD+17]. **Attenuation** [CWWB04, RRWR08, BTS+08, CGR+96, DO96, SWR+95, SBHS20, SM96a]. **attracting** [MDSA19]. **attributes** [HMAW11, MK21, MA09, Zim19]. **Atwater** [FR10]. **augment** [NBBBT13]. **augmenting** [BL06]. **August** [Ano00k, Ano98k, Ano98j, Ano99i, Ano22b, Ano23b, ACG+17, Dan95, GGH98, HKM00, HLS+02, LCK95, PC08, RBP+05]. **Austral** [Ano95b, ADG+08, BSM01a, BLO04, BCH+11, BND+04, CRF04, CBJ+23, DSN+20, DO01, DZ08, FG97, FWM+11, FPGH02, Fro04, FPB04, GCB04, HMS+13, HHW+08, HKN+04, JH04, KYKJ16, MAB+01, NTH10, PAM+04, PF04a, PF04b, PDA+20, PMS+20, Pee97, PRB+11, QTPS97, QB02, RCF+08, SLC+20, SCM+02, SRS+20, SMS+07, SSHM+08, SLMP07, SMP+15, SDB+97, SLP+17, TPS+15, VPS97, VKM+10, YMC+22, ZZP04, ÁRR02, AAMF+02, ARW+04, BTR95, BLO+17, BRSlW95, CRDP02, GCR+02, GGLP02, HSK+00, KNV+10, KHB+04, LAF+02, NKK+00, PNH+00, PAVGBG02, SHGB95, TCG00, VFS02, VABCR+24, WAPL95, WPW95]. **austral-winter** [HMS+13]. **australe** [ASMM11]. **Australia** [PvRR18, PHE+18, BSG+11, BOB20, BGDT11, BHS+17, DPS+11, ETDB11, HWTP07, HYMD11, HF21, IIM02, KBW+11, MGJ+18, MMC11b, PKW07, SKW07, TBW+11, TRHA01, TWPP07, WGWW11, WAP+18, WAM+18, YHC+11]. **Australian** [Beg18, BPM18, BSL11, CMC11, DSvR+18, EMEP18, EPHE18, FKS18, FBPG18, HDD+11, HGM+11, HRM+18, LBR+11, MBG18, MDJS11, MMMC07, OGRdO18, Pas18, PvRR18, SYB+11, SRS11, STS11, WAP+18, WAM+18, YHC+11, vRPD+18, APT11, BES11, ETD+11, FMFW07, Gau07, KNK15, NHD11, PHD+11, dSEDW11]. **australis** [MB07a]. **Authigenic** [FC15, GF07, NEO+07, PUP+07, ÇYB+18, LMG17, LSL+15, PBVC+16, RH07, SHM+07]. **Author** [Ano96a, Ano01a, Ano95g]. **automated** [SMY+98]. **Automatic** [TAB+16]. **Autonomous** [RDL+09, BCT21, BKY+17, CSW+18, CB09b, KR11, KOR06, MCM+14, PNS+09, FH09, HLR+09]. **autotrophic** [DB97a, MLK+12, YLD09, Yal01]. **autotrophy** [RvAH10]. **autumn** [AHGCNM+04, AGM+93, BRG17, BSKD+07, COQ+18, FPLB+08, FWC+12, FPGH02, LHZ+16, NPA+22, PAM+04, PMG+22, WAW05b, ZSZ+19]. **AUV** [PGM+15]. **availability** [BFSK08, BCG04, GGCM17, KY17, LG09, LL01, LRN+14, NTK+09, PDE+16, RBS+17b, VM13, WWC+19, ZAC+15]. **averaged** [SF11, SS13b]. **AVHRR** [FCP99, OMS06]. **AVHRR-derived** [OMS06]. **AVHRR/NOAA** [FCP99]. **AVHRR/NOAA-11** [FCP99]. **Avilés** [SGPD+14, GBDM+14, LPS14]. **avulsions** [SSHB03]. **Axial** [MTB09]. **Axiidae** [Mar18]. **Axis**

[BvWR+20, CTW+20, CD20, CS20, KFA+20, LWB+20, RWT+20]. **Azores** [BRP+13, PNLFS02, PNLF02, PNLFS03, AGS+02, CP13, CSM+13a, CGPM13, DONF08, HMH+02, MDG13, PPM+17, PNLF02, PGPI+13, PGPP+13, RVC+13a, RVC+13b, ROS+17, SMB+13, SWZA02, SAM05, SBK08, THM+13, VFFM13, dMGPT+14].

**B** [Ano97c, Eif05, LWAS08, ONSSVGR04, WW04a, EGOO22, EBG+22]. **B.** [BRG17]. **Ba** [JDS+08]. **Bab** [Sme04, SJM02]. **bachei** [MCCM+98]. **back** [IDSM04]. **backarc** [iITT+15]. **Background** [KL96a, VGD14]. **backscatter** [LCG03, WH01a, WGR+95]. **backscattering** [Ano97b, FCG18, LLK+16, WMS+96]. **Bacteria** [TGA+09, BRM18, BCG04, BCO+96, BAKF03, CKJ+16, GMT+09, HSS+18, JBR+18, KBLA97, KSH+09, KRB95, KHC+09, KMO+10, KFK06, LDHI93, LH01, LWW+15, LIS+02, LLT+00, MFM+18, PvRR18, RRMM05, RJM+15, SSV02, TR02, VKGP+11, WLM23, ZXLL10, ZHK+05]. **Bacterial** [AHR+06, BFL00, DSJ+11, GCB04, HHH+15, JBS+98, LXS+13, LBGW97, MQD06, MBT97, RBA+01, RSF+99, SSLA95, SNW08, TB97, TOSH08, YNK07, ADBU18, AZYT16, BN97, BRJM18, BCN+16, BFML+08, BGG+09, DKT+01, DC08, DCK01, DDK+00, GKB+18, HRM+06, JJVH18, JMN+15, JS14, KKK+17, KMC05, KNC+09, LLK+09, MNB02, OCL+08, PDT+10, PDT+11b, RSR+19, RGS+97, SBSH99, SIS+02, SGC03, SPEPS18, TGRB02, WvdEM00, XGL15, YNG+16, ZDA+16, ZSB01]. **Bacterioplankton** [Duc93, DQC95, GVD+97, HZL+12, KHE+11, PJ99, CDS96, DKQ+93, DSC+01, DCC+01, HKY+16, MPTW11, ORFA+14, XZW+19, ZFA+02]. **Bacterivory** [Wei99, RPAD99, SSV02]. **BAD** [GWP+98b]. **Baeonectes** [MGE13]. **Baffin** [HdVGHM02]. **Bahamas** [BBW+15, PP13]. **Bahamian** [YERT13]. **Bahia** [DCH04, ONSSVGR04, SVJRSON04, RAR04]. **Baiona** [BFG+10]. **bait** [KJB+08]. **Baited** [JSWB21, LDBvdB17, LLM+17, CLJ+13]. **Baiyun** [MWS+15]. **Baja** [DCH04, AMJRD19, AHGCNM+04, DGR19, ECM+06, RAL04, SMPSG+04]. **Balaena** [OCP18]. **Balaenoptera** [BRG17, ESWL20, LAP+17, MHM+14]. **balance** [AKH+02, AMV+09, BBB94, BMK+13, CW97, FDC+18, HCBP97, HdBB+02, LGO08, MBK08, MBW+08, Qua97, RdGM+09, RJWD01, SPSM23, SFR+06, SLB+16, TRF+97]. **balanced** [MMTT+20, SCSMT20]. **balances** [LST+11]. **Balearic** [COS+16, GLCU+17, PRDB+17]. **Baleen** [DBL+19, ZFP+16, PTS17, RHB+04]. **Bali** [SNH+23]. **ballast** [ALH+01, APLW09, LPW+09]. **ballasting** [ESA+09, EAS+09, ZdBB+07]. **Baltic** [LL14, BSE+16, BKS+16, GK16, KGB16, OT10, SKH+10a]. **Baltimore** [BWH+17]. **bamboo** [STR+14]. **band** [BCT21, SL11]. **Banda** [HXF+23]. **Bank** [Ano97b, AJP+22, Di 10, GASGB+14, HC13, NHH+13, PR05, SKdS+14, GSM+08, LDG94, MDC+10, ADGA01, ABB+01, AGD96, BDW+96, BBR+96, BSM01b, BHC+01, BL04, BD06, BK96b, BGMH01, CRD01, CPF+14, CBF01, CHV09, CBS+01, DVC14, DPS+14, DL01, DC06, FC01, GDE+96, GTTKB14, GNG+22, HSR+23, HRSJ23, HLNO96, HF01,

HNCW23, IAA96, JRJ+22, JKJ+22, JCF+06a, JCF+06b, LCD01, LMDW06, LB96, LM96, LCR+96, LM01, LBB+06, LPS14, LLW01, MRRG23, MB96, MS01, MC06, MB01, MPH+22, MLW+01, MTK+14, MO96, MT96, NLHB01, NDE14, NDG96, NPA+22, PWMC01, PTD+14, PMG+22, RPJ+06, RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TMTR14, TLW+94, WPLN96, WMS+96, WB96, WBBM01, WBML06, WBI+01, WOU06, YO96].
**Banks** [DPK+14, DKP+14, PDK+14, DMS+10, SMD06]. **Banzare** [WMP+11]. **Baranof** [SBK+16]. **Barbara** [GBG15, KTL+00, MPB+18, OS04, Thu98]. **barbatus** [CBK+22]. **barcode** [ABE+11, BOJ+10, JBOH10]. **Barcoding** [DLB+11, OBPY10, BHK+10, HNS+11, WBCB06]. **Barents** [PTP09, PKA95, AI09, CZP+08, CDRA08, DEJ08, DYEJ08, HK08, KBE+04, LSHB09, LD07, MA09, MR08, NVBJ08, ODR+09, PAR+08, RRWR08, RMC+08, RWRS08, SEN+95, SNW08, SESS08, TRH+08, TOSH08, WCB08, YD09, Ynd09, ZCP+08, ZNPR09]. **Barite** [HZMH07, PG07].
**Barite-forming** [HZMH07]. **Barium** [DJS+08, GF97, DSO+97, DC96, NISG05, PHS+17b]. **Barkley** [JMM+13].
**Barnard** [RMBW07]. **Baroclinic** [PN93, AGHS04, KAW+16, LH08, LBB11, SHA04]. **barotropic** [AGHS04, KAW+16, SJL05]. **barred** [WYL+20]. **barriers** [BHC+17, GGI03, YSC+20]. **Barrow** [LMM+17, LRDS18, OACA19, PNL+19, PPL+19, RLB+18a, SP19b]. **base** [BBS+20, NCSB+98]. **Based** [SSH+11, AH17, ALH+01, Arm06, BCBB12, BLBW+11, BSN18, BJP+22, BGMH01, CDDC03, CDM23, CC03, DIM+12, DGT+17a, DFMW13, DW15b, Eks07, EHB19, EMV09, GMCR18, GSC+19, GKB19, GAHD+17, HLC+16, HPH+16, HIN+02, HXC+22, HAD19, ITM+12, ITK+16, JBOH10, JDL+22, JBD+09, KOS+16, KR11, KY17, KHT+20, LXWC21, LPM+19, LCL+10, MGJ+18, MDTS08, MPH+16, MARFP08, MBMGK08, MRM+12, MLG+04, NKE11, NAT+12, NGF09, NHS+13, OTNT05, PCT18, PTD+17, PJLO+17, PCP+17, PFAZL09, QQJ+21, ROPB03, RSB+17, RSW+13, RTC+07, RDSA+21, SIA+05, STJ+08, SAA+17, Sch02a, SNMH18, SLP+09, STP+16, SVS+20, SCH+19b, SCH+19a, TSS+02, TCM+22, TT05, TTU01, TSSR20, TdFAL19, TTL+16, VSGGPR14, VvdLS11, WMH+07, WZC+19, WLC99, WCL+15b, WPFB11, ZQ97, ANL13, CTW+20, GDD+09, PBG+10].
**Baseline** [MAH+12, CM99b, HRM+18, MPB+18]. **baselines** [LGP+15].
**Basin** [Ano96f, Ano05b, ASV18, BSM01a, BTP+18, CSG+15, CHL+95, DLL+15, Gol18, GH05, GHS09, GC18, HAH+01, HB19, MB18, MML06, MW05b, MTMK+13, MPB+18, NRH+06, OGG+20, PUP+07, PFAZL09, SBQ+02, Sot09, Thu98, ZT00, ZB00, ACBV+18, BMD+17, BGS09, CKH+05, CHN+10, DM16a, DC08, DKP+17, EFR+19, Ell93, GKH+07, GBPB+13, GHD+18, HC05, HBV19, HBVG20, HBVG22, HWJ20, IFFGL+04, iITT+15, KM05a, KK20, KMO09, LMS09, MGE13, Mar13, PNLFS02, PNLFS03, SVKT20,

SMG+07, WC06a, YHK15, DSW20, ABG+20, AZK+20, AFM93, AHK99, ALT+13, AKHR+20, BW93, BN04, BIH10, Bor01, BCP+15, BLP+15, BRSB16, CHW+12, CB00b, DB05, DH97, DZL+17, DQSF02, EMV09, FSM93, FKW01, GBG15, GBO01, GMC+12, HKR+01, HZL+12, HFM+02, HO99, JSP+17, KNK15, KWA+20, KME18, KKK+17, KTL+00, KHL+01, KVPK20]. **Basin** [Kos01, KFW01, KH10, KWH+05, KHH+17, LF07, Led93, LWL+16, LKTS01, MWS+15, MBI+10, MA18a, MF93a, MvSHD01, MAR+17, MWW+05, MKKF18, MKVT+04, MSBS01, ÖHÜ+93, PG97, PPRL02, PVRA07, RBA+01, RWG93, RSN01, SMB+93, SdS01, SA18, SLM+20, SSI19, SM01, STWW01, TSP+18, TTW+05, TCG+18, ULH+21, WWL02, WEB93, Wea93, Wei15, dSSB+01]. **Basin-scale** [HAH+01, NRH+06, SMG+07]. **Basin-wide** [DLL+15, MW05b]. **Basins** [DLHH11, CRS+19, GK16, KMK+20, KMKA20, LVJC17, MS11, PVK+20, SvdLM95, SKKM20, SJA+97, TKP+20, vCHM18, VVTM97]. **Basinwide** [DSC+01]. **basis** [Tho04]. **bassana** [GMD07]. **batch** [MNB02]. **batch-culture** [MNB02]. **Bathyal** [BJA13, CSCP13, CLJ+13, FS14, LAJP13, PP13, ARB+13, BGB08, CC13, CBW01, Dau18, DND04, EGMB13, GM22, GBBS00, Gri13, HSR+22, HTD13, JT07, Kam13, KCM+14, KPBK08, LG98, LBB+07, LPS14, Mar18, MCD+09, PHS17a, PRSS23, RJT11, SW09]. **bathyal-abyssal** [Dau18]. **Bathycallisoma** [LMLJ18]. **Bathyconchoecetta** [CB18]. **Bathylagus** [LZL+22]. **Bathymetric** [MC15, PC98, RE98, RHM13, CLW+23, CSF+12, GJ11, MBMM+99, OBKA17, QSA+09]. **Bathymetry** [PS03, Bol08, MP94, RCF+08, RKB18, SC10, ZDO19]. **bathypelagic** [BHS+10, CHN+10, GD07, KSS00a, LTG+09, NTA+10, OGBF08, RSR10, SNS10, YLD09]. **BATS** [Ano96g, BMK96, CRR01, DGN96, GOP+01, KM96, MHS01, OLG+01, SCB+01, SMB03, AL13, HBCO01, HA96, Lip01, SMA01]. **Bay** [ARW+04, ADG+08, BLO+17, CHM+17, CCZ+21, CLW+23, CMW+08, CWJ99, CDT11, DDLK06, DTP+05, DWHM06, FJF+11, FMS08, FS14, GBDM+14, GSF+19, GSF+20, HLR+09, HWTN22, HVBO08, HBO11, JCP+22, KL06, KKD06, KC00, KD00, LBM+17, LPS14, MDTS11a, MMTT+20, MBW+08, MLH+22, NKA+11, OC00, PLRV22, PC00, PC18, PEC+04, PKA05, RAC+20, RLP+98, RCF+08, RBS+17b, SRS+20, SHD+14, SFW08, SRC98, SJD+11, SAB+07, TDKA05, UPS04, WCD+09, WDKC00, ZHY+13, TMC+14, ZGW+23, AML+19, ARWM13, Ake19, AGGdC14, AVS+20, AHV+17, BSMV03, BLO04, BH99a, BPF+03, BS21, BFG+10, BMT20, CFR+14, CFL+99, CMP14, CCP+18, CRF04, Cha03, CRP+05, CWL+23, DAKR20, DHCV19, DGP20, DT08, EHB19, EWP+99, EEAA+19, ERB+99, ER05, FGF+14, FCP99, GSP14, GMR+05, GLM04, GSM+20, GGT+02, HdVGHM02, HHH+14]. **Bay** [HdMR+99, HKFL03, HTW14, HCG19, IDSM04, IKQU03, JLM20, JRKR19, JCP05, JMW+20, JWCC99, KWF+19, KCA05, KSB+03, KVL+19, KDSR19, LCD+24, LUV99, LFPC14, LAB+17, LCL+22, MGR+03a, MDTS11b, MPH+05, MLH14, MDSA19, MSB+03, NSKG96, NWZL23, PCT18, PLRV22, PDT11a, PS20, PLA+17, PS19, PLPS98, Pin93, PGS14, PWJF20, PFW+20, PPM02, PP20, PSWF19,

RH99, RDL+09, RHPC+19, RRS+98, RSSM19, RBCG10, SSSN19, SP19a, SSSC19, SLP+09, SGJ+20, SP09, SRA+09, SGI+19, SWDB+14, SMS03, Sor99, SE14, UIS+03, VLSS+04, VJP+10, VMB17, VDS+20, VLP+17, WMB+08, WTJ+19, Yu03, ZZP04, dLC+14, dMCNC99, vdBGM+17]. **Bay/California** [HLR+09]. **Bayesian** [KG20, Pas18, PFAZL09, SVS+20]. **be** [CHG15, EBG+15, KBB07, OSM+20, AFB+94, CAFK03b, CLGM05, YKS03]. **beaches** [LMH+18]. **beaked** [BCT21, RAT+13]. **Beam** [CGR+96, CWD+10, DBBWH20, DO96, MP94, NCSB+98, SWR+95]. **beamforming** [MT98]. **bearded** [CBK+22]. **bearing** [AS01a, CC13, LCK+18, NCK+22, OCG+09, PBVC+16]. **Beaufort** [AGP05, BHMC05, BBH05, CMV+20, EGG+05, FNS20, Gra09, HCS05, LGC+12, LPM+19, LFC16, OCP18, PCAS05, PPF+15, CMNO23, DB05, GNB+17, LRDS18, MSM10, SFH+18, WDM+05, WCC05]. **Béchervaise** [NCR+08]. **bed** [HvH04, LB14, Zim09]. **Bednarsek** [PTMH16]. **beds** [BBS+20, KBFH14]. **Before** [Joy16, JR04, ULTL16]. **Behavior** [ANI09, RZL+10, BCF+04, BHBC08, CHPF10, CW97, CP05, DFMW13, EWG94, NSBL94, PP13, RSCFT+13, RSCFT+16, RQNO04, RG06a, RG06b, SMA+17, TLW+94, TT17, VF08, WAN+15, ZWQ+19, ZD04]. **Behavioral** [PCL22, SM12, SFMG13, MT98, VALW23]. **Behaviors** [KPML20, NOT+09, TMH+08, TNS+09]. **behaviour** [ATM+07, BCE+07, BFDB17, BGOL01, CRS+19, CW15, ELP13, EPHE18, GMD07, GSPT13, GJC98, HAGW+13, KKM+10, KYS94, KBR18, MBTM97, PBD+02, RAR04, RTC+07, RCKCK07, TCEW07, UGSK+20, WH01a, WMB+08, WLR+00, YKN07]. **Behavioural** [MCB+15, WHLR13]. **behaviours** [FKW01]. **behind** [AGL+19]. **Belgica** [LDBvdB17, WLA11]. **Belief** [Pas18]. **Bellingshausen** [Ano95b, PAM+04, SMS+08, WLA11, Ald95, AS95, BTR95, BRSlW95, BES95, BOP95, Cri95, Kyt02a, LTW+11, MAH+12, MWB95, OCKA+11, PRA+95, RAF+11, RHB+95, SHGB95, SRF95, TO95, TOP95, WAPL95, WGR+95, WPW95, XAY+11]. **Belt** [OSCS04]. **Beluga** [SFH+18, EF98, SCGB18]. **belyaevi** [SC15]. **benchmark** [XA09]. **beneath** [ADBW16, APP+14, BW99b, HSM11, LGML00, SvdMC+16, SHM+11]. **benefit** [WTT+20]. **Bengal** [Ake19, EHB19, GSF+19, GSF+20, AML+19, AVS+20, BSMV03, BPF+03, BS21, BMT20, Cha03, CRP+05, DAKR20, DGP20, GMR+05, GSM+20, GGT+02, HKFL03, HCG19, IKQU03, JLM20, JRKR19, JMW+20, KWF+19, KSB+03, KVL+19, KDSR19, MGR+03a, MDSA19, MSB+03, NSKG96, PLRV22, PS20, PS19, PWJF20, PFW+20, PP20, PSWF19, RAC+20, RSSM19, SSSN19, SP19a, SSHB03, SSSC19, SGJ+20, SMS03, SAB+07, UIS+03, VDS+20, WTJ+19, Yu03]. **Benguela** [GBP00, RG03, SGD+14a, SCGDU09]. **Bentart** [Can06]. **Benthic** [AAG02, BGB08, BG94, BN04, BJSH14, CR06, Can06, CDRA08, CL09, DDB+97, DJC+14, EWP+99, Har11, HBT+08, IBD10, KCZ+19, KGB16, KRHS20, MBI+10, MS09, MFG+04, Pfa93, PHK+14, QSA+09, RWG93,

SMCA01, VSR+10, WLM23, vWDB+01, AKI+16, BGS98, BS98, BB98, BAD+97, BW99a, Bla94, BMOW09, BBR+18, BFM+14, BSP00, BNKJ23, BEZ+22, BVB14a, BDG+04, BVB+14b, BW14, BFS+17, CMP14, CDM23, CB18, CBW01, CBS+01, CRM+16, CSG+13, CG04, CKB+07, DGN+17, DC08, DCR94, DFA+20, DGS+05, DGT14, FHT+14, Gag04, GMR+09, GCCG13, GBSL98, GGT+02, GRSW00, GHM02, GSB+03, GG02, HDK08, HDR+11, HT17, HDF+01, HZS00, HSM+01a, Hil94, HRM+18, HWS+13, HSC+07, JBD+09, KPML20, KCTG16, KBKW13, KCY+16, KMA+18, KSS+00b, LEP14, LWM+09, LBE06, LCT+07b, LRDS18, LT03, LWGS00, Lut09, MRRG23]. **benthic** [MMS+16, MC18a, MSD+18, MGK19, MSJS08, MGK+17, MKH+05, MR08, MB08, NCSB+98, PDK+14, PHS17a, PSK00a, PGPP+13, PBO+11, PDTS08, RBA+01, RdGM+09, RMC+08, RSN01, RLGG07, RPZ+14, SSSN19, SCD14, SNPS01, SS09, SKdS+14, SBD+97, SHM+20, SHM+01, SLZ+16, SSR+14, SP06, SBS+08, SNK07, TDCV+06, WHF+19, WWC+19, WACGH11, Wil08, WGMC14, WTA+18, WP00, WSB+09, WZB+14, XSM+19, Sor99]. **benthic-pelagic** [CBS+01]. **bentho** [CA06b, DBBWH20, SMD06]. **bentho-pelagic** [CA06b, DBBWH20, SMD06]. **Benthocometes** [GPCC+17]. **benthopelagic** [CM00, CMH09, PCP+17]. **Benthos** [BHMK08, RK08, SJD+11, CA06b, CLGM05, DSD12, JMM+13, MBP+20, SL94, GG02]. **Benthosema** [WL20]. **berglax** [PK08]. **Bering** [CSE+22, CCL+14, CCS+16, CHH+21, CBSS02, DTWF17, DKZP16, ENM+16, GCCG13, HCAK17, KKSA19, LS12, Lin16, LWJR22, LMC+12, MG22, MiSW08, MSRM08, RKM23a, RD02, SKS+16, SSDA13, SH02, SDK+16, SWSL14, SWG14, VSM17, WSB13, ZFP+16, AM22b, ATJ05, Ala22, AP22, ASF+16, ATN+12, AKI+16, AM07, BDR16, BH14, BFD+23, BZ20, BMK+13, Blo02, BA02, BEZ+22, BZMC20, BWC+02, BOKA16, CHW+12, CAS+16, CMNO23, CG07, CP22, CDRB16, CMC+05, Cok16, CKS05, CLPL+09, CJF+12, CSG+13, CGG+19, CP02, CBK+07, CKB+07, CPEN08, CBK+22, CMB12, CML+14, DF16, DEL+17, DAA+20, DSD12, DDAH+14, DC12, DGK+22, DABF+16, ENM+14, EGL+16, EZB+20, EBG+22, ESWL20, ESDM13, ELG+22a, ELG+22b, FBB+13, FHAH16, FMC+20, FJR+20, FWZM12, FZW+13, FAMY20, GEP+16, GdRGH+14, GGC19, GM22, GLSK+17, GBC+05, HPS+13, HPL+12]. **Bering** [HS13, HSFN13, HSHM02, HGB+13, HGB+16, HKC+21, HRS+23, HH20, HBC+12, HHH+22, HWS+13, HSW+02, HBJ02, HSSN08, HRK14, HRG+16, HBB+13, HON+13, Hus16, IS07, ITT12, IOTS16, IKR+12, ITK+16, JHHK14, KHS+02, KT05, KBVM13, KAHS20, KKT16, KAM+20, KMO09, KGS23, KIM08, KL13, KLD21, KRLH14, KCL20, Lad14, LGC+12, LZZ+16, LBM+20, LS14b, LSOM16, MHO02, Mac08, MMY+20, MCM+14, MA09, MDH16, MGC+14, MLK+12, MFS+23, MKD23, MCL+12, MHG+17, NAT+12, NBB+02, NHCL14, NCK+22, NCE+23, NSWY20, NYH+20, NBCT13, NBBBT13, NZT97, OHT12, OYM+13, OM16, OTNT05, OTA+05, OSCS04, OS02, OT12, OAH+16, OBA02, OWW+12, PHH+16, PSHF+13, PSUH+16, PBVC+16,

PCH+22, PC08, PSS+16, PAUB19, PRSS23, POA+16, RS02, RDW+12, RTI+16, RBO07, RRK+20, RKM+22, RKM+23b, SMZ+08, SBM16, SSK+23].
**Bering** [SA18, SSR13, SKS+23, SHM13, SZH20, SKR+12, SSE+14, SNS+16, SMB+17, SS02, SDAH+12, SHR02, SKSW02, SBS07, SFK+12, SKM+12, SBB+19, SGM+14, SL12, SHPM14, SF08, SKM+14b, SMLS02, SAB08, Tak05, TRO16, TT05, TSOT16, TKF07, TIS+13, TTA+16, UKM16, UKJ+20, VNA+16, VCDAL14, WOS12, WBA+17, WOM+16, WWV12, WWN+22, WCS07, YCA+20, Zar16, ZWM12]. **beringiensis** [AM22a]. **Bermuda** [Ano96g, BMK96, CRR01, DGN96, MK96, SCB+01, ANL13, CFJL96, CRR01, DZY+01, DOC01, GOP+01, HTD00, HT01, HBCC13, KM96, MHS01, OLG+01, RAL+01, SWO+01, SKM01, SMA01, SMB03]. **beta** [Car07]. **Betamorpha** [RMBW07]. **better** [DLWW23]. **between** [ATM+07, Ano97b, Ano05d, AGP05, ASF+12, BPD+11, BL99, BCBF03, BMK05, BRW00, BKD06, BWAS02, BHSJ16, BGKB06, BKS+10, BHS+10, CFGR07, CPF+14, CFL+99, CMT93, CD20, CJF+12, CSG+13, CBK+07, CM01, CBA+20, DMFB19, DEL+17, DSN+10, DONF08, DMW+07, DJR+01, DJC+14, EQW+13, FUGG+09, GLCU+17, GSC+19, GSGS01, HBP+14, HHMF11, HV98, HSFN13, HGK+18, HCG+09, HSC+19, HWCT11, HD02, JCP05, JRG+22, JML08, KNK15, KDU+10, KHGL+02, KFS+10, KSM+11, LVJC17, LPZ+04, LR97, LMG93, LG98, LW15, LZC+16, LW10, LGVK+14, LZZ+16, LTH05, MDJS11, MGS+10, MKB+10, MBS05, MCS+09, MST+14, NRS14, NDG96, OCT+19, PBG07, PSK00a, PMM+94, PRMM+17, RWJ06, RPM07, RW95, RHB+95, RNB07, SWR+95, SCGDU09, SLT+11, SFR+06, SRC98, SLP+09, SIS+02, SH16, SDMS06, SCH+19b, SCH+19a, SZS+07].
**between** [SLB+15, JMP+19, TDvdE+10, UPS04, VRL+02, WMS+96, WCL+15b, YFL+23, YD09, YK05, ZJFV15, ZGGF22, ZSB01, vdLBB+02, vdMLB+11].
**Beyond** [GAHD+17, Phi17, HD17]. **bias** [WCJ+11]. **biases** [LWS21]. **bibliography** [EG96]. **biennial** [MV19]. **Bifurcation** [PUB+06]. **bigeye** [DKP+17]. **bigger** [MCH+13]. **Bight** [Beg18, BWH+17, KFF+94, PvRR18, WAP+18, ARC02, AFB+94, ARK+94, BBB94, BPM18, BA94, Bis94, BPD+15, BY04, CZVR02, CP03, DOBH02, DTB+02, DSvR+18, EMEP18, EPHE18, FWS94, FHP94, FPW02, FKS18, FBPG18, HRM+18, HFP94, LSUB94, MBG18, OGRdO18, Pas18, PHE+18, RTFB09, SPF+94, VCR02, Wal94a, WAM+18, Wir94, vRPD+18]. **bights** [PMM+94]. **bijuga** [RRS+98]. **billed** [TMH+08, WTI+20]. **billfish** [CWSH20, YHC+11]. **billfishes** [LH15]. **Bimodal** [LL14]. **binding** [BBB13, GBL+08, Sei13]. **Bio** [Ano07c, BRPI02, FCG18, Fig02, FWM+11, HBM+07, KGB06, MAA+04, MAA+05, Pon07, PVT+21, RTM+20, SWO+01, dCHdOF+18, AL98, ARLB00, ANS+11, BBLS14, DMS+98, DNK+08, ELP13, HWS+98a, IHSS+10, JBB+13, KMD+99, KFS+17, KBE+04, LBV+08, MFH04, NTK+09, PTA+99, SSI+99, SCM+08, WMC06, WTSP07, MPS+21, PPR+20b]. **bio-** [LBV+08]. **Bio-Argo** [PVT+21, MPS+21, PPR+20b]. **bio-availability**

[NTK+09]. **bio-diversities** [KFS+17]. **bio-loggers** [JBB+13]. **Bio-logging** [Ano07c, HBM+07, Pon07, ELP13]. **Bio-optical** [BRPI02, FCG18, Fig02, FWM+11, KGB06, MAA+04, MAA+05, SWO+01, AL98, ARLB00, DMS+98, DNK+08, IHSS+10, KMD+99, KBE+04, MFH04, PTA+99, SSI+99, SCM+08, WTSP07]. **bio-optics** [BBLS14, HWS+98a]. **Bio-physical** [RTM+20, dCHdOF+18, ANS+11, WMC06]. **Bioaccumulation** [BIP+02, KSDE16]. **Bioactive** [BLO+17, NEN+07]. **Bioavailability** [GWZ16, DB05, NKF+10]. **bioavailable** [Rai11]. **biochemical** [ABC+04, BHS+10, CKJ+16, CKL03, DM16a, FLLGR04, HJS+10, HPL+12, JKP+17, KJL+17, MiSW08, PVK+20]. **Biocomplexity** [NL11]. **biodegradability** [BS01]. **Biodegradation** [SKD+16, LAPL+16]. **Biodiversity** [AFC+17, CPA+11, DCH04, GLMB18, GBD+11, LGBC06, MB13, MCB18, MDC+10, NG10, SLdB+15, ALSF+17, BDG+04, BBB+07, BE09, BEB11, BM15, CHS17, EMG+15, EAB+20, GCKC07, GDC11, LMG17, LdSN+18, Lut09, MWF+19, NG07, OFV09, OPDM11, PGZ+09, RE98, RKB18, Rog00, SGB14, SO98, SV09, Sig17, SLM98, TDCV+06]. **Bioenergetic** [MBC+09b]. **bioenergetics** [DSBS20, KKUK10]. **bioerosion** [BFT10]. **biofilms** [BGCH20, OGG+15]. **Biogenic** [BAD+97, Cri95, KNB11, QB02, RGTV97, VQ97a, VQ97b, ZWC+15, AAMF+02, BSB+99, BBA+01, CAFK03a, CDH+00, DURP03, DeM02, DBN+11, FBS94, FGW02, FPB04, GRD+08, GBP00, HTML98, HML99, HM93, ITK+16, JDS+08, KBV+97, KWW+12, KLD21, LGHD20, LSST20, LQF+02, MHB+95, MDT+08, NAB+02, NW01, NRM+99, PSK00a, RBP+94, RSR+00, SSH+02, SVC+08, SVR+00, SMCA01, SL94, SNIT02, STD+20, SBD+97, SAB+07, TRWB99, VSR+00, WKM+07a]. **Biogeochemical** [Ano99a, Ano05c, AMN+02b, BMO93, CGG+12, CMW+05, CW97, CVM+01a, CVM+01b, DCSV19, GHGMI05, HWC07, JBS+10, MGS+10, QTPS97, STN+09, SDKH03, SHC+00, SMB03, TIKS03, ZHX+16, BSG+11, Bat01, BTFB12, BNM08, BGS+08, CM03, CLMK13, CWS+23, CL09, DRD06, DZY+01, DGR19, DGT14, FML+93, Gai97, Gre01, GGSC03, HKR+01, HMGD17, HLL+10, Hat02b, Hei02, HLM+01, JBC+21, KHL+15, LWLS98, LCS+06, LPSS03, LCL+10, LBJ+13, MGH+16, MDTG13, NC97, PMJ20, PLR02, RTFB09, SKM01, SSP+06, SH10, SLP+17, TVL+00, TO95, TCH+16, VGZ+19, VCG+20, WCMB06]. **biogeochemistries** [GMLB99]. **Biogeochemistry** [Bau02, HC01, MGR+03a, NG07, WSLC15, XGF18, AF01, BBLS14, Boy02, BG09a, BAR+02, CVM+01b, CW09, CCFL01, DGK+22, DKS03, DWJ+15, GAL+12, GAL+20, JAM+14, KGHA+01, KGB06, LCvdM+16, MSD+18, MNPT06, NTA+10, NL11, PLS+10, PL00, RZS+16, RSA+10, SM96a, SDB+97, SCB+01, SBvdL+02, VCSM09, WWW+02, WKM+07c, WRS99]. **Biogeographic** [Wat09, CPF+14, PB08, WAP+18]. **Biogeographical** [STD+20, AM22b, BVB14a]. **Biogeography** [CHG20, JNBJ17, KB15, PWN+11, RLGG07, SO98, BCVCHW04, BTM+98, BKS+10, GO10, GCKC07, GAJ+13, HPN+12, HXC+22, LGBC06, OA11, TB98].

**biogeography-based** [HXC+22]. **Biography** [EG96]. **Biological** [CGG+19, DPLB94, Dia04, EMB+22, EDF+04, ECD+17, GMCF19, Hin09, KTP+20b, KCO+19, LMDW06, MQ01, MPH+95, MLS+06, MK19, PST+05, SID19, SVS+20, SBB+19, TRM+07, AST+05, ACFS02, ANS+11, ARF+13, BNM+07, BL99, BLSW05, BB09, BNM08, BCW03, BLD+06, BL08, BHS+10, CCG04, CHU+00, CBSS02, CWTJ03, CPC+03, CL09, CJM+22, DLR+01, Dan95, DSN+10, DHS+14, DP07, DP99, DGN96, DGT14, DJC+14, DC96, ELB+02, Eck94, FVSRR14, FC01, GMR+05, GLF+03, GFW07, GHB+05, HV98, HBC+23, HIA+16, HIN+02, HKMS03, HBM+07, HAD19, JCD+03, JAM+14, KSBK01, KBVM13, KRG+01, KND+08, LBSB+17, LR97, LBD+02, LAP+17, LMG17, LDG94, LNDH+17, MSF+22, MALT05, MBLM03, MKS+20, MNR+11, MPH+16, MFE+02, MWB95, NKD+08, NPBS00, NW01, NZT97, PBFS06, PWTH15, PWMC01, PPRHLF02, PGK14, RLB+18a, RPB02]. **biological** [RB06, RSB+17, RD16, SM00, SH99c, SRC98, SNMH18, SFV+98, SMSA05, SCQ+09, SYB+11, TSS+02, Tho04, TLMT97, WRZ+19, WHNS04, WB96, WBBM01, YHC+11]. **biological-physical** [DGN96, LDG94]. **biological/oceanographic** [CHU+00, NPBS00]. **biological/physical** [DP99]. **biologically** [CWWB04, FLTV97]. **Biology** [BKPA06, CG15, DCA+98, GGTMG+10, GGRJD+10, MBD+17, PDH+11, Urb20, CHS17, FARLR+13, GTSC08, HSBT19, KP10, LH08, MT11, MEB+23, NB10, Phi17, QRE+17, ROS+17, SCB+01, TPW07, VAM97, WYL+20]. **Bioluminescence** [MBC+09a, HIK+08]. **bioluminescent** [GDD+09]. **biomagnification** [FHT+14, FTT+17]. **Biomarker** [LLH+15, BNP+09, PDS00, SHS+12, WPHL02]. **Biomarker-derived** [LLH+15]. **biomarkers** [BGG+09, FBBW+10, SNIT02, WHL+97, WLP+09, YBHM05]. **Biomass** [GLLC04, HWN+04, HKY+16, KRB95, LDHI93, MSK+06, NMC+07, RHB+04, TLSY11, VALM17, WDKC00, Ake19, ACBMQ08, AGAB19, ALR+14, ASFI02, BMHR08, BPD+11, BSK+97, Bec97, BWS+98, BGB08, BDL+14, BSSK+08, BL00, BH97, BSL08b, BFS+17, BL01b, CTBNL08, CSW+17, CLSS15, CAC+97, CJF+12, CBK+07, CPEN08, CBA+05, DLLK15, DLR11, Dem04, DC08, DCM+99, DB97a, DKI+00, ESK06, EGL+16, FLLGR04, FMS08, FPB04, FC09, GVW+19, GGC19, GS08, GFS99, Gra09, HAH+01, HHH01, HZL+12, HKN+04, HHNK+04, HP08, HSZS17, KFG+03, KMDW01, KLM+02, KMK+20, KWW04, KWW+12, KSM+11, KSS+00b, LB07, LAMS+01, LDS+08, LHD+22, LJHAA19, LWSA08, LWAS08, MPZ04, MC05, MPH+95, MGHN01, MHS01, MC09, MBMM+99, MGK19, MNSMN+04, MAT+12, MNV+20, MPTW11, NMK+20, OHK+02, PF02, PAVGBG02, Pee97, PHH+06, RRMM05, RVJG+02]. **biomass** [RVJG+05, RWN+08, SCD14, SOS01, SBSH99, SBP13, SMHB00, SDKH03, SMS+08, SWSL14, SNW08, SPH+08, TOSH08, TSW+12, TLSW15, TRB98, UKM16, VSGM03a, VSGM03b, VGBGPA02, VFS02, VSS+93, WSE+16, WMW+20, WZW+95, WJD+00a, WJD+00b, WGG98, Yal01, YCA+20, YBC+17, ZJH08, ZSKL19, ZWJ+19, ZXLL10, vC97]. **biomes** [SDB+18].

**biomimetic** [AWL+09]. **biominerals** [ILWH03]. **BioOptics** [SWO+01]. **Biophysical** [GWR93, SRW+10, YSC+20, HHD+09, HGB+13, HGB+16, HCG+09, JRG+22, Rai14, SS05a, SS05b, SHB14, SCH+19b, SCH+19a]. **Biopolymer** [TGRB02]. **bioproductivity** [MT15]. **bioregional** [FKS18]. **Bioregionalization** [HSR+22]. **bioregions** [WAV+12]. **Biosonar** [RAT+13]. **biosphere** [GFK24, LWWF18]. **biostratigraphy** [Hus16, IOTS16, OSHB07, TSOT16]. **biota** [GFS99, HTPM14, HDF+01, MS18, PSK00a, PFG+03, SRB+11]. **biotag** [BKST13]. **biotic** [JB01, MPB+18]. **biotopes** [DHS+14, MG22]. **BIOTRANS** [Pfa93]. **Bioturbation** [GAC+02, MMWM00, SKM14a, STWW01, TWG00, CAC+97, DCR94, ESDM13, GSW99, MDTS08, PDSS96, SMB+98, SLH+00, YCT+22]. **biovolume** [CLB13, ZSZ+19]. **biramosa** [Gol18]. **bird** [CRI18, JVDH08, KRW03, ZPG14]. **birds** [CTH+98, GSK96, HDJP05, MK19, SBA18, YSBH06]. **Birstein** [Mal15]. **birsteini** [BPKJ15, GMB18]. **Biscay** [CMP14, CWJ99, FGF+14, GBDM+14, LPS14, Sor99, AGGdC14, BH99a, CFR+14, CFL+99, EWP+99, EEAA+19, ERB+99, FCP99, FS14, GSP14, GLM04, HHH+14, HdMR+99, JWCC99, LUV99, LFPC14, LAB+17, PLA+17, Pin93, PGS14, RH99, SHD+14, SGI+19, SWDB+14, SE14, VLP+17, WC01b, WC01a, dLC+14, dMCNC99, vdBGM+17]. **Bivalve** [Kam18, BBS+20, GGC19, MGK19, TMBTS09]. **bivalves** [BLM+10, BSW+13, CMVS+10, GGCM17, Kam13, Kam15, KCD+17, Lin04, SW09, YBC+17]. **Bivalvia** [SGB14, BBAL+20, KKVP15, LVJC17, vCO09]. **biweekly** [RSSM19]. **Black** [HM06, KBE+04, MCK+19, CCM+20, EWF+18, HZWW16, KFTE14, LAÁ+14, RVC+13a, ROS+17, VM13, WSP19, CBBM12, ÇYFB+06, ÇYAYT06, ESK06, GLK+06a, GLK+06b, KFK06, KMLT06, KOR06, MQD06, Mur06, OE06, POİ17, RTC06, UFAK06, Uys06, WYPY06, YCD+06, YET06, YÇYTKB06]. **black-footed** [WSP19]. **black-legged** [VM13]. **Blake** [SS99a, WMB+13]. **Blanco** [BPS00, vGTG+00]. **Blanes** [AFC+17]. **bleaching** [SYK+13]. **Bleeker** [SNH+23, SWK+23]. **Bligh** [NHH+13]. **block** [FR10, MP94]. **Blocking** [SWO10]. **Blood** [Sei13]. **Bloom** [DMJ93, GG93, LDFS93, PSLS07, ARLB00, APL+23, AKM+05, AS95, BBLS14, BEGC04, BMGF93, BCDV02, BFG+10, BM07, BFK+14, BL01b, BNFS01, BAR+02, CTBNL08, CGM+07, CCS+16, CKJ+16, CWS+23, CFL+16, CCH95, DD95, DKGT04, DH93, DKQ+93, DCC+01, FD01, FS02, FBCP01, GWR93, GSB+23, HBSL01, HOD+09, HHH+93, HKY+16, IGN+10, IHSS+10, IPH+17, JCF+06a, JCF+06b, JBM+08, KAHS20, KYI10a, KYI10b, KUN10, KIN+10, KMO+10, KS10, LS14a, LMG93, LDHI93, LL95, LYN+13, LDGH16, LHZJ13, LXS+13, LSS+07, MSF+22, MH93, MFG+93, MLH14, MMT08, MSH+07, MHP+07, MZR+95, MSTT07, MKS+02, NKF+10, NSY04, NRS14, NKB95, NED09, OM14, OCL+08, OE06, OHS10, OT10, OS02, ORFA+14, PSA14, PA95, PVRA07, RWR+02, RMC+93, RWZ+02, RMPI+17, STN+06, SLS+07, SVC+08, SF10, SVS93, SSLA95, SLT+14, SPB+14,

SMGB02, SMGB03, SFB16]. **bloom** [SDLZ13, SKH+10a, TS93, TFR+10, TSN+06, VPA+20, VKGP+11, VPP07, VSS+93, WCH+93, WGR+95, WABW02, WLD+06, WTZ02, WLH+16, Wya14, YOK+10, YOO+10, YK04, YOI+09, ZZX+13, vdLBB+02, BFF+10, KCMA05, RFB97]. **bloom-forming** [SKH+10a]. **bloom-recurrent** [BFG+10]. **Blooms** [Ano05a, KCA05, AMvD+12, AGPR95, AKK+14, APP+14, BLB+02, CMBPM04, DLG+14, DRD06, DVS+97, DPS+14, DTP+05, GAL+12, GAL+20, HK08, HKO+17, JLR+13, LLK05, LvDA14, LPM+15, LG15, MPS+21, MTK+14, OS04, PTD+14, PGS14, PSAY20, RBMY14, SAVP12, SSE+14, SMSA05, SNW08, SBH+01, SFW+13, SFZ+13, TSZT13, TAL+12, TPT05, TMTR14, TB05, TDKA05, VABCR+24, YNG+16, ZAC+15, ZZZ+16, ZXH+13]. **blowout** [HSB+16, Joy16, JBÖ+16, LAPL+16, WPB+16, YNG+16]. **blubber** [FPHH+09]. **Blue** [BCB+18, FRH+98, BRG17, BOH+04, ECM+06, MGJ+18, ŠHW+04, ŠH11b, TSSR20]. **Bluefin** [KHT+20, BFDB17, EMEP18, EPHE18, GLCU+17, HHMF11, IABR+17, KOT+20, NDD+14, PHE+18, RSB+17]. **bluntnose** [CW15]. **BNL** [BSP00]. **Board** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, DB16, BM15, HZK+05, Ano93a, Ano94a, Ano95a, Ano96e, Ano97a, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano24b, Ano24c]. **Bodega** [DDLK06, DWHM06, KL06, KKD06]. **Bodies** [Bro19]. **Body** [BZMC20, LBE06, MCBC08, DKP+14, GEP+16, RE98, VM13]. **Bohai** [NLS+10, XZM+23]. **boiling** [BAC+02]. **boiling-water** [BAC+02]. **bomb** [DTB+02, KMS+02]. **bombs** [KCTG16]. **Bone** [ALSF+17, ACD+17]. **Bone-eating** [ALSF+17]. **bones** [QRE+17]. **boobies** [YKN07]. **border** [YLG+18]. **Borderland** [HZMH07, WCK+18, HHH+15]. **boreal** [DSW20, PFPJ+09]. **boreal/Arctic** [DSW20, PFPJ+09]. **borealis** [AI09, MHM+14, NA09]. **Boreogadus** [CMNO23, CSS+22b, DTWF17, EGOO22, HTPM14, HCAK17, MEB+23, ODR+09]. **Börje** [EG96]. **Bornholm** [BRSB16]. **Boston** [MS09]. **both** [HHKH+04]. **bottle** [LLB+00, LCL+09, SGP+11, TRM+15, ZOB+96]. **bottles** [GRC+03, SHF+95]. **Bottom** [ACSG15, DGN+17, GZGH22, GMS+02, LB93, NGS+15, PHOM09, PG97, SFW+13, ABS+14, BN05, BRSB16, CBCT09, CIMT19, CMH+20, DPK+14, DBDT03, DBL+19, EBG+11, EWP+99, ELG+22a, ELG+22b, GBG15, HB03, HMLS+06, HTM+03, HHR+08, IMP+02, KM98, KL13, LNJ+00, Led93, LWC05, LSM96, LAT+18, MPV+11, MISC+02, MCM+14, MAK+16, MDTS08, MHK+03, NC97, PR05, RVD+10, SHA02, SKGD14, SMS20, SS99a, SL12, TWL+15, TIS+13, WCB98, ZWM12, ZDA+16, KNK15].

**bottom-current** [Led93]. **bottom-following** [PR05]. **Bottom-up** [NGS+15, SFW+13]. **bottom-water** [HHR+08, LAT+18]. **bottom-waters** [LSM96]. **bottoms** [DCH04]. **Bougainvilliidae** [SC15]. **bound** [CSS+02, MP99, MGC+14]. **boundaries** [BM17, CCM15, JCP17, MHC+10]. **Boundary** [Car01, CK03, JDBP+05, KHGL+02, LOA13, MS06b, MJG+13, PLRV22, RMBG11, RFQ99, RMK+14, Sor99, SHKW05, TCJ+11, AFB+94, BGS98, BS98, BB98, BVB+14b, CBW01, DDL06, DJCF09, EWG94, FKS18, JDL+22, KFJ+05, LS04, LYL22, LBB11, MMS+16, MRC05, NPF+09, NZT97, OKY+17, Ou05, PSK+00b, PC98, RRL+14, RF99, SS09, SHFM01, SHM+20, SS99a, SM01, Wir94]. **boundary-layer** [DDL06, KFJ+05]. **Bowers** [OTN16, SKS+16, WOM+16]. **bowhead** [COQ+18, DCF+18, MSM10, OCP18, SCGB18]. **box** [CWJ99, FB15, PCDM11, LRM+02, VLR+02]. **BP** [HSB+16, RTI+16]. **Br** [GAC+02]. **brachycephalum** [BKPA06]. **Brachyura** [VAM97]. **Brahmaputra** [CRP+05]. **Branchiopoda** [dLC+14]. **brandtae** [MGE13]. **Bransfield** [BIP+02, BTP+18, Fig02, GCR+02, LAF+02, MISC+02, PIP+02, RVZ02, VFS02, ÁRR02, BCDV02, CR06, DÁSCP02, GGLP02, LHKHH10, ME02, vCHM18]. **Brazil** [FYS+17, GSMG04, HO99, IATK17, MAR+17, NGF09, PFAZL09]. **Brazilian** [AL14, MTG18, NKA+11]. **breach** [WWN+22]. **break** [AAG02, CBCT09, CJF+12, HLM+01, JWC+01, LWL+16, MiSW08, SHM+01]. **break-slope** [AAG02]. **break-up** [CJF+12]. **breaking** [Pap05b, YWW23]. **breakup** [KWT+16]. **breccia** [PPR+20a]. **breeding** [CWEHT22, EQW+13, HPS+13, NCR+08, WTT+20]. **brevis** [LWZ+23]. **bridges** [BHC+17]. **Bridging** [KR07]. **brief** [BMO93, CPM+18, DFF02, LPSS03, SD08, TZ09]. **brine** [ABG+20, GDL22, WJS+10]. **brines** [CRS+19]. **Bringing** [SCQ+09]. **Brinton** [MFL10]. **Brisingenes** [Mah16]. **brisingid** [Mah16]. **Bristol** [ARWM13]. **British** [DCS+18, HBCG14, PDC+99, WWB04, HSBT19, KM15, MY99, MPZ04, NDE14, Pin93]. **Brittle** [SN00]. **Broad** [DLR11, TDCV+06, JKK+10, MLW+01]. **Broad-scale** [TDCV+06, JKK+10, MLW+01]. **BROKE** [NPBS00, JFK+10, NMR10, PMJW10, SKH10b, VJP+10, WGMW10, WNA+10, WRBS10, WvdE00]. **BROKE-West** [JFK+10, NMR10, PMJW10, SKH10b, VJP+10, WGMW10, WNA+10, WRBS10]. **Brøndsted** [JR11]. **brood** [GGTMG+10]. **brooding** [MP17]. **brown** [YKN07]. **Brunhes** [LSOM16]. **Bruno** [BCD+09]. **Bryozoa** [GC18]. **bryozoan** [Gri13, GC15]. **bubble** [DME+18]. **bubbles** [SE96]. **bubbling** [TCG+18]. **bubbly** [GK04]. **budegassa** [LAÁ+14]. **budget** [ARK+94, AL13, CMG+12, CMT93, CWS+23, CML+14, DeM02, EOB03, FCG18, FWR+02, HXF+23, JCD+03, JBM+08, JWCC99, KMLT06, LTS+97, MQ01, RCL+09, RH99, SAM96, VGF02, vWMR+17]. **budgets** [BAD+97, BHS+10, CBJ+23, DRS10, GSB+23, KLKB95, LLLP+03, MC13, NAB+02, OMY+03, RJWD01, SJM02, TWN+06, ZQ97]. **buffer** [FHR+11]. **build** [DDB+17, DSE+14]. **build-up** [DDB+17, DSE+14]. **building**

[GIPLL+14, HSSH23, PSB14]. **Bulk** [CCH95]. **bungii** [KTSI07]. **Buoy** [DDLK06, AGGdC14, KKD06, NMW+09]. **buoyancy** [BY09]. **buoyant** [Gou05, Ou05]. **buoys** [Grü99, LMLC+17]. **burden** [DKP+14]. **burdens** [SW08]. **burial** [ASBM02, Cra97, DTB+02, IMP+02, KBV+97, SMCA01]. **buried** [SSAF02]. **Burnard** [Ano18l]. **Bussol** [BAF+18]. **bycatch** [LS17, YLG+18]. **Bythitidae** [MGN+18].

**C** [Ano97b, Ano97c, CSL+07, DVS+97, GOH+15, HLFP08, HSH+13, MNPT06, MGG+09, ONSSVGR04, TWN+06, WWC+19, ADV+01, BCWT00, BW99a, BOP95, CHL+15, CMT93, CMVS+10, CSS+02, DTB+02, DKN+97, DBMI17, GS06b, HFK+02, KHH+17, LLB+00, MSJS08, ME02, PDTS08, QW15, RTB02, RDP+02, SRFR07, SHR02, SBN+15, TA01, WMH+07, WKM+07a, WCSA+16, WWW+02, Yu03, ZQ97]. **C-cycling** [WWC+19]. **C/Si** [CSS+02]. **C0** [BTR95]. **C02** [FWG+97]. **CA** [MPB+18, RA98, RLP+98, SRC98, SZS+07]. **Cachucho** [GASGB+14]. **CaCO** [BZvHH00, ESA+09, EAS+09, KSS00a, SMCA01]. **Cádiz** [HMLS+06, RN06, Ano06c, CJA+06, CAGLV+06, DGR02, FA02, HNRGL06, JASS02, AAG06, BGIJ+06, CRNP06, GLDCA+06, LSM+06a, MPMD+06, NRH+06, NR06, RMCAR06, RGIH+06, RGL06b, SMR+06]. **Cadmium** [WR15, QW15]. **Caecosagitta** [MMN10]. **Caenogastropoda** [FHK18]. **calanoid** [CHG20, CHSVB+19, GO10, LLW01, RFF+02, SSMM+08]. **Calanoida** [BG10, CSS+10, UFAK06]. **Calanoides** [HZL94, PTWM12]. **Calanus** [BM07, BMK09, BK96b, CRD01, CPH01, CM01, GGDF08, HK07, LMDW06, MO96, NLY+13, PTS01, PCAS05, RPJ+06, SD06b, ST07, SFPH+08, SMG+07, UFAK06, YQMB20]. **calcarea** [GGC19]. **Calcareous** [FSG02, HTD00, ID19, RJT11, BRPH20, TTA+16]. **Calcification** [BK96a, BDF00, BDBB07, PABH07]. **calcite** [MS06a, RH07]. **calcium** [JFM+17, TCH+16, Zon07]. **CalCOFI** [BCW03, ROPB03, Reb03]. **calculated** [AKH+02]. **Calculation** [YZ00, LBM98]. **calculations** [BHS+10]. **caldera** [GSB+03, BTC13]. **calibrated** [HA96, KGKS20]. **calibration** [HJS+10, SFV+01, SBR+97, YZ00]. **California** [BL03, BPD+15, CC00, CP03, DDL06, Di 03, DCH04, DLKP14, ECM+06, HLR+09, PO15, RBP+05, SVJRSON04, TLSW15, VLK06, AL98, AMJRD19, AHGCNM+04, AST+05, BPS00, BPC05, BV98, BB98, BMOW09, BCW03, BLH05, BT03, CTW+15, CA06a, CLF+09, CFZ+18, CDG00, CMR+18, CHN+18, CPM+18, CGR+00, CPC+03, CMRI13, CCM15, CRMI18, CPW+18, CMJ+18, DD15a, DD15b, DLLK15, DHW98, DGR19, DDLK06, DWHM06, DCSV19, FRH+98, FEB+13, GGAMV+23, GMCR18, GO15, GOGCDB18, GMPS04, HS98, HV98, HZMH07, dlTGCAB+03, HGAB04, HBK+98, HV03, JR15, KMLC+04, KKMSM12, KLK+15, KGKS20, KL06, KKD06, KC00, KD00, KC04, KGB06, LLR+06, LO03, LJHAA19, MDB98, MML06, MC18a, MBLM03, MNSMN+04, NOLASZ04, NR00, NCSB+98, OC00, PBS06, PUP+07, PC00, PC18, PK03, PLPS98]. **California** [ROPB03, Reb03, RMB05, RB06, RAL04, RSC+09, SVAGRCS04, SLS17,

SSL98, SBB06, SM03, SMPSG+04, Sot09, SJ00, SB05, SN00, STS+15, TBH09, TB98, Thu98, TCEW07, TMC04, TdFAL19, TAB+05, WCD+09, WDKC00, WCK+18, YSBH06, YLG+18, ZT00]. **Callao** [DOLP+09]. **Callorhinus** [CRJ+08]. **calls** [ŠHW+04]. **calm** [MPV+11]. **Calocarides** [Mar18]. **Caloric** [WGMC14, YBC+17]. **calorie** [HON+13]. **calorie-sheds** [HON+13]. **Camarinal** [BAC+02]. **Cambrian** [Cha07]. **camera** [BEB+13, BEM+15, CLJ+13, EFR+16, JSWB21, KCTG16, KJB+08, NCSB+98]. **campaign** [DJCF09, KFA+20, VJP+10]. **Campeche** [BSL08b]. **Campos** [PFAZL09]. **Can** [CHG15, DWG+15, DZL+17, LLW01, MES+23, OSM+20, BvGH+17, EBG+15, KBB07]. **Canada** [BHJ99, HZL+12, RSR+00, BIH10, BCP+15, BLP+15, CHW+12, DB05, DPK+14, DKP+14, DTJ+14, DCS+18, GMC+12, HBCG14, JMM+13, KH10, MBI+10, MPH+05, MLH14, MBD+17, MSG+00, NDE14, PDK+14, RSRL00, SJA+97, TLKT00, YHK15]. **Canadian** [Ano14, Har06, NLDJ14, SSM+00, SE95]. **Canaries** [TAB+02]. **Canary** [LRM+02, PNLFS03, VLR+02, AMN+02a, DNH+02, HFM+02, HGMA+02, JRGLJ+19, KHGL+02, MFN+02, PNLFS02, PNLF02, PMLM+02, SBH+02, ZLOR02]. **CANIGO** [PNLFS02, PNLF02, PNLFS03, BWAS02, LDV+02, TPGCCS+02]. **Cantabrian** [GASGB+14, GBDM+14, SGPD+14, LPS14]. **cantelli** [CAK15]. **Canyon** [BSL08b, CWJ99, GPMS+16, GBDM+14, GdSP11, LPS14, MBMM+99, MTM+13, NKB+18, PNL+19, PCF+18, SGPD+14, SW08, ULTL16, vOSG+11, DVS+14, HBCG14, HD14, KCM+14, KSB+03, MKKB14, MPV+11, MPPR14, MSB+03, MMSS14, OPV11, RGS+15, SGB14, Thu06, VD98, AFC+17, BJSH14, BVGE+06, DJC+14, EWP+99, FBP+17, FS14, GSW99, GSdS+14, HAC+14, JMM+13, LUV99, LMM+17, LRN+14, LRDS18, MS09, MHdS+11, dJMTGG11, OACA19, PPT+10, PGM+15, PPL+19, PPM02, RCL+09, RLB+18a, RSR10, SHD+14, SP19b, SR08b, Sor99, WC07a]. **Canyons** [BWH+17, BR14, CPA+11, DHS+14, DLKP14, FPB+14, HBCG14, IBK+11, KBI+11, LSA14, MT11, MM14, MTMH11, MSK+19, OBC+14, PGC+11, SDGH14, WGW+19, dSJB+11, vdBGM+17]. **Cap** [CWJ99, DJC+14, EWP+99, GSW99, LUV99, MBMM+99, SHD+14, Sor99]. **Cap-Ferret** [CWJ99, DJC+14, EWP+99, GSW99, LUV99, MBMM+99, SHD+14, Sor99]. **Capacity** [SH02, HSH+13, SRFR07, ZSKL19]. **Capbreton** [BJSH14, FS14]. **Cape** [WC07a, AAG02, ASBM02, BPS00, BH94, BD94, Bla94, BLS+03, CLT94, CDL94, DCR94, GZGH22, GAC+02, Hec94, JDBP+05, LF07, LRV+02, MDC+10, MBB+02, MP94, RLVF02, RH94, SGD+14a, SSV02, TBA+02, Wal94b, vGTG+00]. **Capel** [DLHH11]. **Capel-Faust** [DLHH11]. **capelin** [ASF+16, LSHB09, LSWH07, MHTZ19, ODR+09]. **Caprellidae** [KGS23]. **Capsular** [LZS+18]. **capture** [LWB+07, ZSLL15]. **captured** [FCBD08, PWJF20, SRS+20]. **carangid** [STS11]. **carbohydrate** [HHP+96, ZA16]. **carbohydrates** [MZR+95]. **Carbon** [AZK+20, ARK+94, AT10, Ano08, BRG+19, BLS+97, ÇYAYT06, CBJ+23, CML+09, JLTD11, LSUB94, LLB+00, LFM02, LKJ+15, LKH+07, LCE+23,

MTE+02, MYE+02, RJWD01, RFB97, SCGDU09, Sch02a, SSH+11, SSS+11, VBM97, WCB08, WTL+06, WCWW99, vGTG+00, AML01, AAG02, ASBM02, ÁRR02, ACH02, AE02, AKH+02, Ano96g, ATS+96, AHHCR23, ALH+01, BCH+96, BDB97, BWL01, BNM+07, BPD+11, BBL+13, BMK96, BBH05, BMD+17, BDW+98, Bau02, BLM+10, BPB+94, BFM+14, BAH+95, BBA+98, BBA+01, BHS+10, CTBNL08, CD95, CHN+10, CZP+08, CAGL13, CCP+18, CMB+97, CEG+11, CSGC03a, CM99a, CMB99, CSGC03b, CCW+08, CB09a, CMW+05, COJ+09, CMT93, CBW01, CWS+23, Cra97, CMB12, CML+14, CMRL11, DURP03, DZBR95, Dan95, DP07, DPLB94, DCA09, DJS+08, DRR17, DJR+01, DLF+09b, DÁSCP02, DGB+98, DKQ+93, EWBW99, EWP+99, ETD+11, FdBGP11]. **carbon** [FRW00, FGW02, FCA04, FCAD04, FPB04, FC07, GWZ16, GCS+12, GGRW99, GRS00, GRC+03, GMR+05, GSB+23, GdRGLS04, GCB04, GOP+01, GNHS05, HBSL01, HCBP97, HP98, HC01, HMGD17, HHH01, HBC+23, HMC09, HBCO01, HCRX16, HZWW16, HNRGL06, HDW+20, HWC07, IHI+97, IMP+02, JDS+08, JDD+11, JBVW12, JHS+17, JBM+08, KGKS20, KLL03, KH02, Kem94, KFF+94, KR95, KCD+17, KHL+16, Kli09, KSU+08, KSS00a, KWW+12, LRGH+05, LQF+02, LMB+98, LJL+17, LDWK96, LW15, LDFS93, LSB07, MBW+03, MPG+97, MRRG23, MSF+22, MFG+93, MISC+02, MHB05, MTT+12, Met09, MWK+18, MCJ+99, MDO+98, MES97, MLK+12, MSTT07, MC13, MSG+00, MKVT+04, MLS+15, MYN+96, NAB+02, NSvH+11, NVBJ08, NMS09, NKB95, NW01, NRM+99, OCL+08, OUK03, OENB01, PCB+00, PFP02, PW15, PKR+01, PUP+07, PH96, PHH+06, PABH07, PDE+16, PCB+17, PRMM+17, Qua97]. **carbon** [RTB02, RBDO17, RRMM05, RSR05, RV00, RGH+24, RTC06, RWR+02, RRWR08, RvAH10, RJDR06, RPF01, RIHGS00, RW95, RMPI+17, RPF+16, RWN+08, RSR+00, RBH+20, SMY+98, SLS+07, SCGDL02, SdS01, SVR+00, SMCA01, SH99c, SFW08, SBHS20, SRFR07, SGC03, SSM+00, SDCH99, SSLA95, SMD08, SLZ+16, SS01, Sot09, SVS+20, SWGPK17, SLB+16, SUL+06, SUK+06, SP06, SHC+00, SSH+00, SCM+09, TTLP06, TBA+02, TVL+00, TTCD14, TP02b, TP02a, TLKT00, TA01, TDC08, TBB+08, TMW+05, TNIW02, VBF+02, VS99, VSR+00, VCR02, WKM+07a, WFA+95, WWH97, WCSA+16, WP00, WC01b, WWC+99, WC02, WWN+02, WAC+09, WDC+15, YÇYTKB06, YOI+09, YHL+12, ZHD+08, ZD97, ZQ97, ZX12, ZCG+12, ZWQ+19, ZWL+22, ZdBB+07, Zon07, dCHdOF+18, vOSG+11, vWDB+01, vdLBB+02]. **carbon-nitrogen** [MFG+93]. **carbon-rich** [KCD+17]. **carbon-to-chlorophyll-a** [CSGC03a]. **Carbonate** [GW15, GNHS05, KOLA+18, KGdC+18, MYL+98, vdLEM+14, ASS02, ACBV+18, ÇYB+18, CB97, CMB02, EFR+19, GBP00, GPBV+07, GTB15, JFM+17, LBM+17, LAGK+18, LMF+21, LSB07, NEO+07, NRSL17, RHL+16, STD+20, SBH+02, THJ+17, TWL+15, TWC+07, TCH+16, WKM+07a, YZ00, ZHY+13, ZdBB+07, Zon07]. **carbonates** [FR10, FRC+10, FC15, LMG17, LSL+15, PBVC+16, RFJ10]. **carcass** [SRAL+17]. **carcasses** [YMC+22]. **carcinophaga** [MCBC08].

**Cardiovascular** [ECD06]. **career** [Ver13]. **Cariaco** [ALT+13, MTMK+13, MKVT+04, TSP+18]. **Caribbean** [HMSMK04, JPM99, Jur20, MCM06, Ric05]. **Caridea** [NCL13]. **Carlsberg** [MR15]. **Carnivorous** [DAGK+17, HRX17, FPGH02, JZX10]. **Carolina** [ASBM02, AAG02, BPB+94, BH94, Bla94, CLT94, CDL94, DPLB94, DCR94, GAC+02, Har94, Hil94, LRV+02, MP94, RLVF02, RH94, SL94, TBA+02, WR09]. **Carolinas** [BG94]. **carried** [NPBS00]. **Carrying** [SH02, GK16, HSH+13, ZSKL19]. **Cascais** [IBK+11, dSJB+11]. **Casco** [DTP+05, JCP05, KCA05, PKA05, TDKA05]. **Case** [TPS+15, ABE+11, BS21, CWWB04, DWG+15, DRR+14, DZL+17, EEAC+20, HGK+18, HAM+15, JTW00, KVB+09, KMA+18, LT16, LTL+23, MPM+16, MGT+20, MBB+02, MES+23, MTD+18, MS18, MQACB08, MSG+00, NC97, PLRV22, PP93, Rai14, RAC+20, RAS23, RBXM15, SCCG09, SBA+20, TSZ10, TSZT13, VAK+09, VAMPR+17, WKM+07a]. **Caspian** [KBE+04, PFG+03]. **Cassidaigne** [FBP+17]. **Castle** [KEA+17]. **catabolic** [GQ09]. **catalyzed** [FLTV97]. **Catch** [NA09, BRCFP23, BJP+22, DABMAMA04, JRG+22, LCW20, Loh08, MRSLM+19, OLP+20, SL12, ZKSS06]. **catches** [BHJ+14, DWM+15, GDA+15, MCL+19, RGIH+06, YHC+11]. **catchment** [vGCM00]. **Categorizing** [KAM+14]. **catenatum** [FRBB10]. **Cauchy** [Abr19]. **caught** [CAJE15, LFKF+17]. **Cauldron** [BLS+03]. **Causal** [YFL+23]. **causality** [YFL+23]. **Cause** [PS23, Sch07, WTI+20]. **caused** [GPC+04, KAW+16, VMB17]. **Causes** [LSdC+10, HS98, TYBY06]. **Cavibelonia** [OBH+18]. **CCAMLR** [BND+04, Dem04, HCWH00, JR04, KGE+04, KNV+10, NMR10, WGB+04, WHNS04]. **CCE** [GO15, MSS15]. **CCE-LTER** [GO15, MSS15]. **CCSM4** [VNBW18]. **CD** [Ano96d, CDB94, RSD+97, NOT+09, NEN+07]. **CD-ROM** [CDB94, RSD+97, Ano96d]. **CDOM** [CDA98, LPJ+16, MORB+15, NTS+11]. **CEAMARC** [DLB+11]. **Celebes** [MNN10, ODH+07]. **cell** [DO96, FVSRR14, JS14, LZS+18, MMJ+03, PW12, SOS01]. **celled** [HK08]. **cells** [PWMC01, TIS+13, ZOB+96]. **Celtic** [CWE+17, JWC+01]. **Cenozoic** [BDE07, Ber07, BCVCHW04, DLHH11, DBD03, MWS+15, SK07, WCJ97]. **Census** [Ano09b, SH11a, PGF+09, SJD+11]. **centennial** [MPL15]. **Central** [LBV+08, VALM17, WGNH15, ADBU18, And00, BKP+19, BB98, BH19a, BCM02, BO96, BCO+96, BCKH07, BGS09, CD95, Cha07, CLF+09, CBS+96, CDG00, CMB02, CDJM04, DMFD19, DZBR95, DO19, DFY+23, DNG+12, DOLP+09, DMY+97, FGU04, FWG+97, Fon96, GPC+04, GGPM05, GQ09, GSdS+14, HSS+18, HSR+23, Har96, HHP+96, ITT12, iITT+15, ITM+12, Joh96, KBK+18, KAW+16, KxF22, KM95, KSH12, KT02, KN97, KN05, LCK95, LKC96, LHZJ13, LL13, LTS+13, MGR+03a, MHG+04, MDH+98, Mar13, MPS+21, MWF+19, MFG+04, MAA+04, MAA+05, MES97, MYN+96, NOLASZ04, NA13, NR00, NRM+99, NCSB+98, OCP18, OHFW93, PPRHLF02, PLPS98, PDS00, PVT+21, ROPB03, RL97, RSC+09, RQRVM10, SVAGRCS04, SHD+96, SIFS10, SN00, TGLN93, TB98, TŠŠ+19,

VLSS+04, WMW96, WAW+05a, WYL+20, WAK+12, WMM02, YTF02]. **central** [YS01, ZDWR95, ZD97, ZXH+13, Zim19, BSM01a, Fri01, KC04, LPK+17, MSC+19, MSBS01, PLD+17, PBN10, RBA+01, RGS+97, RSN01, SdS01, SSF97, SSI19, SFW+13, SFZ+13, ULH+21, dSSB+01]. **central-south** [GQ09]. **centre** [MR15]. **centric** [RP18]. **Centrophoridae** [DWG+15]. **Centrophorus** [CGD+15, DWG+15]. **centuries** [HdVGHM02]. **century** [BCW03, DHM+22, PL04, TdFAL19, VNBW18, WYOS18]. **century-long** [DHM+22]. **Cephalaspidea** [CC13]. **cephalopod** [LTS+13, RNP93, SLD+13]. **Cephalopoda** [SRS+20]. **Cephalopods** [LBSB+17, GMPSHA+13, LL13, MPJ+13, SJST13]. **Cercops** [KGS23]. **cerium** [ODH+07]. **certain** [VK04]. **CESAR** [SE95]. **CESM** [CCL+14]. **Cestodes** [CP13]. **Cetacean** [AAL+17, FWZM12, FZW+13, TCG00, TAB+05, CTW+15, PLD+17, PMF+17]. **cetaceans** [BCT21, BPM18, CWE+17, GSPT13, JNBJ17, LPA+17, LAB+17, MM14, RCM+17, SSP14, SSJ+22, SJJ19]. **cf.** [KMA+18]. **CFR** [GGP+14]. **CH** [GOH+15, GOH+15, KLLO98]. **Chaecon** [HC13]. **Chaetoceros** [BLB+02]. **chaetognath** [MMN10]. **Chaetognatha** [PB08, PBN10]. **chaetognaths** [NG10, PS04a, UPS04]. **Chagos** [KOO+24]. **Chain** [WLH+16, MGG+17]. **chalcogramma** [Blo02, CBSS02, HSFN13, LSWH07, SHM13, SSDA13]. **chalcogrammus** [DABF+16, EZB+20, EBG+22, EMB+22, GEP+16, MES+23, MZH16, SCD+22, SHPM14]. **Challenger** [LAT+18]. **Challenges** [BKST13, HAE+15, HLA+06, YHC+15]. **Change** [DVCG+12, KDU+10, ATN+12, AJP+22, AAL+17, BFL+20, BBR+10, BZMC20, BTD11, BSH+11, CLMK13, CKB+07, CRI18, DW15b, DWM+15, DP02, EEAC+20, ETD+11, EAB+20, FBB+13, FRBB13, GSVCCCH12, GMCF19, GBD+11, HTTS12, HKC+21, HAE+15, HBC+15, HHH+22, HSW+02, KNK15, KNG02, KKUK10, KR07, KRHS20, LSNH15, LPPC+10, LWL+16, LMF+21, LB14, LSB07, Man94, MCSF15, MGK19, MWT+17, OB22a, PRORSV+19, PNVJ13, RHL+22, Reb03, RMD+12, RHPR15, Rod13, SM12, SH11a, SMD06, SNFK20, SMSI08, SBSW07, STS+15, TSW+09, VAMPR+17, WCJ+11, WCB08, WGNH15, WWN+22, WNHF+15, YKO15]. **Changes** [AKK+17, BDB97, BW04, BPD+15, BHB+07, CAS+97, CAGL13, DSE+14, GGC19, HSB+16, KFS+10, KRLH14, LHZJ13, MSS15, NTK+09, RLPF07, TdFAL19, TMP+13, WSB08, ZGGF22, AYMSAS19, ADRS19, AGL+19, AvD04, ALvD12, ALT+13, AKHR+20, Bae11, Bea09, BM17, BMS99, BMRP02, BDM+03, BLH05, BA01, BLG15, BGH+19, CJA+06, CG21, CLW+23, DO96, ENM+14, ENM+16, FAMY20, GZGH22, GGRW99, GCCG13, GBP00, GdRGLS04, GMBL10, GBC+05, GHM+12, GNHS05, HNW+08, HdVGHM02, HSS+12, HSBT19, HHH01, HGM+11, Jac95a, JPM99, KBG+10, KBL01, KSH+09, KCZ+19, KMMS18, KDMH18, KKT16, KAM+20, KTL+00, KY17, KST+99, KL13, KKNH02, LG09, LPdR+14, LO03, LCWJI+19, MvSHD01, MAK+16, MSW+13, MSS+02, MKH+05, MCS+09, MGGTM19, Mun07, NA13, NLS+10, OYM+13, OTK+05, OTA+05, OTOH05, OTH05, PHS17a, PMS+20, PL04, PRORSV+19, PSAY20].

**changes**
[RDW+22, RR10, RHD+18, SVAGRCS04, SMS+07, SHN+07, SAM05, SWBKK10, SE14, SW99, SWH08, SBS+02, SGD+03, SFP+09, SBS+08, TT05, THJ+17, THZ06, TP02b, TP02a, WCH+93, WSLP10, WWC+19, WWC+99, WYW+02, WSP19, YCA+20, YPY+13, dLC+14, BCE+07].
**Changing** [BC08, GFK24, MSV+17, WYT19, CL15, DWJ+15, DCSV19, EGG+05, FBBW+10, LKLK17, LDG+23, MWFS17, PCY+13, RRK+20, SLS17, SAA+17]. **Changjiang** [AIW03, KW03, LWL+16, YLH+10].
**Channel** [BLI+09, FRH+98, GDE+96, DDB+17, MWS+15, SSHB03, VKC09, BLM+14, BEC+96, BdBJ+14, BL04, DCN+02, HBP+14, HRT14, HvH04, Hug14, JC03, JTK+14, JAM+14, LBMvdB14, LAB+17, LDHO+14, LMF+21, MB96, MBT+14, MBB+14, MSSD93, OS04, PLA+17, PGS14, PBMM14, PR05, QS04, RdR03, RTM14, SdRvLR03, SWDB+14, TBB+14, TRM+14, VLP+17, XZM+23, ZV13]. **channel-mouth** [DDB+17]. **channelling** [DCA09]. **channels** [PS04a]. **character** [GTB15, SA15a]. **Characterisation** [HDD+11, LBMvdB14, GHG+04, JKK+10, RHD+11, SW00].
**Characterising** [BHS+06, WAM+18]. **Characteristic** [SRS11, PSE+93].
**Characteristics**
[DNG+12, FMFW07, GZZC10, KHS+02, LKD+15, LPM+19, MORB+15, RG03, RPJ+06, SBA+20, UWvdE+16, VJF23, WW23, vWMR+17, ASMH08, AMvD+12, Ald95, APT11, BF14, BSL11, BLSS10, COQ+18, CG18, DGP20, DPK+14, DZL+17, DGT14, EMB+22, Fig02, GMR+05, GML99, HMA20, HBK+98, JWO+09, KBE+04, LTW+11, MGR+03a, MFPL19, MAR+17, MPI07, MAA+04, MAA+05, NRS14, NTS+11, OS04, PBFS06, PWTH15, PPB+22, RBA+01, RSB+17, SBS+00, SKSW02, SAL95, TRM+07, VKG93, WMB+08, WSB08, YCN+10, YLR18, YCYK10, dSSB+01].
**Characterization** [ADGA05, ADGA06, ERPFF11, HBO11, Kli09, MSD+18, NKE11, PLL+06, Ste04, YO96, ACBV+18, CKJ+16, CDM+16, DAB+18, FCG18, GdRGH+14, Hil94, HSC+07, KOO+24, LGR+14, MNB02, MS18, MSNL09, OBC+14, PBVC+16, SGPD+14, VSR+10, WMB+13, WLC99].
**characterizations** [CBB+95]. **characterize** [LKTS01, RLB+18a].
**characterized** [GOH+15]. **Characterizing**
[BLP+15, KYW20, PCF+18, RB06]. **charged** [SHM+07]. **Charlie**
[CLJ+13, CLB13, FVW08, KJB+08, LAJP13, MSW+13, PBB+13, BSJ13, CSGV13, CSCP13, DHST13, EQW+13]. **Charlie-Gibbs** [CLJ+13, FVW08, LAJP13, MSW+13, BSJ13, CSGV13, CSCP13, DHST13, EQW+13].
**Charlotte** [WWB04]. **Charting** [CLMK13]. **Charybdis** [CB00a, VAM97].
**Chauliodus** [BBB+01, BBB+01]. **check** [PDB+20]. **Chemical** [AV97, AYN19, ARC02, EB16, FBL+98, iITT+15, TMP+19, dSSB+01, ASB+02, BSE+16, BMRP02, BCW03, BSSE16, Che02, CC03, DPK+14, DRRBC16, EFR+16, EDF+04, GCR+02, GK16, HAF+15, HdBB+02, HMA20, KSDE16, KGB16, LGC+12, MGR+03a, Mas01, MSNL09, MFE+02, RD16, SMY+98, SNIT02, SRF09b, SBG+98, SKSW02, TRM+07, TD16, WCH+93, BKS+16].
**Chemistry** [Arr15, Arr16, CBG02, CMRL11, FL02, GDYW02, GW15,

LRM07, OGG+15, RHL+16, SBB+19, WFA+95]. **chemoautotrophic** [TSP+18, YÇYTKB06]. **chemoautotrophically** [EMV09]. **chemosynthetic** [BRBD17, PDS+17, Vri13]. **chemotaxonomic** [BMCF97, MKT+15, SMLS02]. **chemotaxonomy** [GCI+01]. **CHEMTAX** [RVZ02, WvdE00, WvdEP+10]. **Chen** [Won15]. **Chesapeake** [PPM02]. **chick** [CHPF10]. **Chile** [MAA+05, ADBU18, CDJM04, DRH+09, EHK09, EPPR09, FGU04, GMT+09, GPC+04, GHIM04, GQ09, HMW00, MHG+04, MFG+04, MF09, MAA+04, ML04, MLG+04, NA13, PS04a, QLU09, SRF09b, UPS04, VLSS+04, VKGQ+09]. **Chilean** [dSVC+14, EDF+04, HA10, HEV+10, PRC+09, QSA+09]. **C}hina** [WPL+15, Won15, WKLM15, AIW03, CSL+22, CSGC03a, CLC+03, CC03, CSGC03b, lLCCC07, CHL+15, CSG+15, CLSS15, CLL+03, CSL+07, CCC+03, DLG+14, DW15a, DLL+15, FC15, FHYI03, GWL+15, GWZ16, GWWL03, GZZC10, GW15, HLZY10, HPY+15, HTM+03, HFL+15, HZ19, HHX+10, HZZ10, HZN+16, HZWW16, HCG+03, HWC07, IOK03, KIIW03, KLL03, LC03, aLCS15, LLH+15, LW15, LWW+15, LZC+16, LWL+16, LCW+07, LH07, LHZ+16, LPSS03, LKH+07, LCT+07b, LCT+07a, LBY+10, LCL+10, LSL+15, NMW+09, OUK03, OMY+03, OT03, PWTH15, PW15, RCW+15, RZL+10, RZS+16, SGW+15, SGC03, SHH03, SLZ+16, SLB+15, Sum19, Tan03, TSZ10, TWL+15, TIKS03, WT14, WLD15, WZC+19, WRZ+19, WZZ+19, WL20, WZ03, WKM+07c, WYIT13, WC07b, WDC+15, WWcW+15, WCL+15b, WLH+16, XGL15, XSM+19, YKS03, YXC+19, YZZ+16, YZZ+19, YKSI19, YH10, ZHY+13, ZWC+15, ZLZ+15, ZHX+16, ZZY+19, ZLW+19, ZSKL19, ZWQ+19, ZSZ+19, ZWJ+19, ZXLL10, ZSLL15, ZZZ+16, ZS19, FB05]. **China** [LWSZ13, bLHsL+13, LXS+13, MCL+19, SFW+13, SFZ+13, TSZ10, ZZX+13]. **CHINAREs** [CGG+12]. **Chinese** [CGG+12, CW18]. **Chinook** [MHG+17, VBM+19]. **chinstrap** [CWEHT22]. **Chionoecetes** [DBMI17, FJR+20, GKBG17]. **Chl** [GAC+02, SMZ+08]. **Chl-a** [GAC+02]. **Chlamys** [DKP+14]. **chlorofluorocarbon** [MW05b]. **chlorofluoromethanes** [Wal94a]. **Chlorophyll** [GSMG04, LH01, AL98, AVS+20, AvD04, BSS20, BHMK08, BY04, BT04, BLP+15, CLT94, CRDP02, CSGC03a, CWS05, CMW+08, CJF+12, CHH19, CBPT05, CMC+02, DPS+11, DPY14, EGL+16, ESK+23, GGRW99, GMM+20, GWWL03, GGRW98, HPWP07, HS93, HHKH+04, IS07, JEK+15, JBC+21, KKMSM12, KTP+20a, LMA08, LGF03, LMvDA16, MSRM14, MASVB+19, MDH08, MSS+02, MMC11b, MMC11a, OE06, PLRV22, PC00, PG18, PLGCL09, PKZ93, PW12, PHH+06, PLHMA06, PPR+20b, PVT+21, RR96, RD97, RYT01, SMLP04, SWR+95, SA14, SiSA+02, SG99, SRY04, SRW+10, SZH+04, SMD08, SBK+16, SMS20, SWSL14, TRM+07, TSWJ12, TT01, TPS+15, UY04, VLK06, XWZ24, YAS+93]. **chlorophyll-a** [AvD04, BY04, BLP+15, CLT94, CWS05, DPS+11, EGL+16, ESK+23, GWWL03, HHKH+04, KTP+20a, LMvDA16, MSRM14, MASVB+19, MDH08, MSS+02, PLGCL09, PLHMA06, PVT+21, SMLP04, SA14, SiSA+02, SG99, SMD08, SBK+16, YAS+93]. **chlorophyll-biomass** [PHH+06]. **choice**

[HH05]. **chokka}** [JKJ+22]. **chondrichthyans** [CG15, MC15, RS15]. **chromium** [AV97]. **chromophoric** [KSU+06, LFC16, NTS+11]. **chromophytic** [LKL+13]. **Chron** [LSOM16]. **Chronic** [AAW+16, RN96, Bak98, FBL+98]. **chronology** [DBJ97]. **Chronostratigraphy** [OTNT05, LSOM16]. **chub** [HiII+19, HiII+20]. **Chukchi** [ATN+12, ACG+17, BFS+17, DEL+17, DTWF17, GCCG13, HCAK17, KLD21, LMM+17, LGK15, MD17, NCE+23, NSWY20, PNL+19, RRK+20, SCD14, WCC05, WOS12, ZWL+22, APP+14, AGP05, BDL+22, BFD+23, BHMC05, BBH05, BF14, BCKH07, BIH10, BSN18, BCP+15, BLP+15, CHW+12, CD09, CMNO23, CG07, CMG+12, CMV+20, COQ+18, CFL+16, CG18, CGG+19, CCC+23, CSS+22a, CBK+22, DAA+20, DB05, DGT14, DGT17b, EGG+05, EAF+17, EGOO22, EBG+22, EMB+22, ESWL20, FNS20, FHT+14, FTT+17, GGC19, GP15, GP16, GLSK+17, Gra09, GNB+17, GKBG17, HHH+15, HMGD17, HTPM14, HT17, HCS05, HK10, HKP10, IBD10, IMG+19, KLY+15, KRGT14, KCL20, LGHD20, LS14a, LMS09, LGC+12, LRDS18, LBM+20, LWJR22, LFC16, LvDA14, LPM+15, LDW22, LP14, MMID17, MHB05, MBHB09, MES+23, MD14, MBL+15, MSM10, MKH+05, MBC+20, NRS14, NHBM10, OACA19]. **Chukchi** [ORFA+14, PSA14, PPT+10, PMM+16, PE17, PBNF+16, PCAS05, PPF+15, RKTG14, SET+09, SMB+17, SKGD14, SGD14b, SPB+14, SNFK20, SMS20, SM20, SM23, SLB+16, TTCD14, VSM17, WDM+05, WAW+05a, WFW+17, WBD17, WGMC14, WAW05b, YHK15, YBC+17, YHL+12, YLK+15, ZAC+15]. **Chukchi/Beaufort** [DB05, WDM+05]. **chum** [ARWM13, KUT+20, KKUK10, KMOM19, VSM17, WBA+17, YK05]. **CIB** [BSM01a]. **cidarids** [BVL04]. **cidaroid** [PL04]. **cidaroids** [HDR+11]. **CIESM** [Ano09a, BG09b]. **CIESM/SUB** [Ano09a, BG09b]. **ciliate** [CLL+03, JYM+15, JLY+16, STFL+13]. **ciliates** [OT03, SIFS10, TR02, WLZ+19]. **cinarcik** [TCG+18]. **Circannual** [MTK05]. **circularisquama** [SAKP+22]. **Circulation** [AGS+02, BBN97, CDJ+22, CH11, DZ08, DKZP16, GLBB11, GM11, LPSS03, MD06, PMM+16, PR17, RG93, SCC98, TRHA01, WAW+05a, ACG+01, Ano96f, ABS+14, AGM+93, BSM01a, BSMV03, BCI02, Bae11, BLM13, BMRTL93, BvWR+20, BW99a, BRW00, BTRL99, BCH+19, BDR+03, BJ15, BLSS10, CB16, CMC+05, CHL+95, Cok16, CMK+18, CMJ+18, CAGLV+06, DGP20, DQSF02, Di 03, DKS03, DK04, DMW+07, EOB03, FS05, FM03c, FKH13, GWL+15, GLDCA+06, GGLP02, GP15, GSM+20, GPC14, GMPS04, HBP+14, HS96, Har96, HLL+10, Hei02, HSHM02, HCHD09, HBR11, HFKY05, HH05, HO99, JCM+13, KT05, KHB+04, KST+99, KIY+05, LWL+24, LC03, LN05, LWSZ13, LSHP01, LBB+06, MPMD+06, MZD+11, MAN+20, MGMP02, MKB+10, MSC+19, MTT+12, MW05b, MWW+05, MRM+12, NLHB01, NP03, NRBO+05, OGRdO18, ÖHÜ+93, PPRL02, PRDF08]. **circulation** [PBGCD+13, PWMC01, PPB+22, PGS14, PVRA07, PPL+07, PAUB19, Pri06, RAC+20, RHK+11, RMCAR06, RKHK+11, SMR+06, SH99a, SSLP95, SF04, SF11, SSG14, SMS03, Spa99, SSC+00, SJ00, TTW+05,

TGLN93, VCRDF99, VHT+20, VIY02, WMW96, WMC06, WBA03, WTSP07, YAOW05, YCYK10, YH10, ZZM+13, ZG15, HMHY11]. **circulations** [HZN+16]. **circum** [ASMM11]. **Circumpolar** [BFF+07, CWTJ03, DKS11, FG97, GS06b, HKO+17, JHS+17, Kla97, LL01, LDD+97, Mar19, MGC+01, PRMM+17, RPMS95, RFQ99, SDB+97, SGP+02, SLP+17, VMBS03, VPSL15, ZGGF22, vdLCS+11, HH03]. **circumpolarity** [ABE+11]. **Cirripeds** [Di 10]. **Clade** [TFR+10]. **cladocerans** [dLC+14]. **Cladorhizidae** [DAGK+17, HRX17]. **clam** [DZL+17]. **clams** [LVJC17]. **Clarke** [ROY13]. **Class** [dLC+14, EWF+18, LWO+09]. **classes** [LPFS97]. **classical** [HCG+09, Joh19]. **Classification** [DFMW13, LSM+06a, BV04, CSG+15, DGT+17a, OM16]. **clay** [SHWW22]. **clay-size** [SHWW22]. **clean** [AKZL16, SHF+95]. **clean-up** [AKZL16]. **Cleve** [MA05]. **Climate** [Arr15, AGJ07, ENM+14, ENM+16, Ham07, HTTS12, HSW+02, HD07, LDG+23, Man94, MPL15, MCSF15, MC12, OAH+16, Pör06, SCB+16, STS+15, WNHF+15, YCA+20, ARWM13, AH17, AGL+19, AGGdC14, ASF+16, Arr16, ATN+12, AJP+22, BG08, Bea09, BFH+23, BSRM08, CHH+21, CMAO+12, CKB+07, CMJ+18, DW15a, DW15b, DWM+15, DP02, DLF+09b, DWJ+15, EEAC+20, ETD+11, EBG+15, EAB+20, FHAH16, FMC+20, FJR+20, GSVCCCH12, GO15, GHM+12, GBD+11, Har06, HSFN13, HAE+15, HBC+15, HBC+12, HHH+22, HIA+16, HMHY11, HMA20, IHPA16, JRK+17, KMMS18, KKUK10, KR07, LK11, LSNH15, LWL+16, LXWC21, LSWM22, LD07, LSB07, MRSLM+19, MFH04, MGK19, MTT+12, MWT+17, MSS15, OBA02, PRORSV+19, PGS14, PDC+21, ROPB03, RHPR15, Rod13, RBO07, RNB07, SLS17, SZH20, SLB13a, SMD06, SMSI08, SBSW07, TSWJ12, TLP+19, TMW+05]. **climate** [WCJ+11, WOS12, WCB08, WGNH15, WSB13, WLT20, ZPT+13, ZMYS13, ZT00]. **climate-catch** [MRSLM+19]. **Climate-dependent** [Pör06]. **Climate-driven** [LDG+23]. **climate-enhanced** [HIA+16]. **climate-induced** [AGL+19, GBD+11]. **Climate-mediated** [ENM+14, ENM+16, FJR+20]. **Climate-related** [SCB+16, YCA+20]. **Climatic** [TP02b, TP02a, TGFP02, BW04, LCW20, MCL+19, YKY+07]. **Climatological** [TSW+09, KVL+19, LC03, MQ01, TSS+02]. **climatologically** [DKJ13]. **climatologically-forced** [DKJ13]. **climatologies** [KC03, SDKH03]. **Climatology** [PWTH15, PW15, OWD13, RT14, WBJ+98]. **CLIMODE** [JTDG13]. **clinical** [DRR+14]. **CLIOTOP** [EAB+20, HAE+17]. **Clitellata** [UC13]. **clonality** [BCN+17]. **clones** [FRBB10]. **close** [BSE+16, Car10, RCL+09, VGBGPA02]. **closed** [BCH+19, DCD+14, GKH+07]. **closely** [VK04]. **closure** [WZZ+23]. **Clues** [WZB+14, DCC+13]. **Clupea** [ASF+16, GKR+18, Pro09, SPP22, TKF07]. **cluster** [RH14]. **clustered** [MC06]. **clustered-drifter** [MC06]. **CMarZ** [WBM+10]. **CMIP5** [LWS21, TdFAL19, WYOS18]. **CMIP6** [CHH+21, HKC+21, KxF22, LWS21, LSWM22, QQJ+21, ZW23]. **Cnidaria** [AL14, BSJ13, Dau18, ROS+17, SS13a, SSK+23, Ste13]. **cnidarians** [HSY08].

**CO** [ALT+13, CFT+04, DHW98, ECD+17, Hei02, IIM02, PNS+09, SMP+15, TSS+02, WTL+06, YKS+19, ZNM+02, BBB+11b, MBHP99, OM14, BL99, CCS+16, ODCP98, PKHH17, RHD+18, SAB08, TFR+10, ZHK+05, AAG06, AKBD13, BBL+13, Bat01, BCWT00, BCM02, CG07, CB09a, CFT+04, CBB+95, CMNM16, CMB02, DOBH02, DVPR06, DLF+09b, DTR+09, DWW+02, FWC+95, FBC+02, IIM+09, ITMG18, KRF01, KOLA+18, KGdC+18, LSF+01, LBM09, MLVM02, MCJ+99, Mun07, MKS+02, NBSM01, NMW+09, NSvH+11, PWF03, PGK15, SDCH99, TSS+02, TSW+09, Zon07, vHHH+11, NOT+09, NCT13, NEN+07]. **Co-limitation** [BBB+11b, MBHP99]. **co-limited** [ZHK+05]. **co-occurring** [ODCP98, PKHH17, TFR+10]. **co-production** [RHD+18]. **co-variability** [BL99, CCS+16]. **co-variation** [SAB08]. **Coagulation** [DD95, Jac95a, Jac95b, LPA+95]. **coarctatus** [GKBG17]. **coast** [AKZL16, BMK05, CLF+09, FVSRR14, FPS10, FMFW07, FA02, HVWH09, HHMF11, IATK17, KDG+97, LWSZ13, MTMH11, NLDJ14, NPBS00, OG11, PTS01, RAL04, SW09, SLM+20, SPF10, SSW05, SGI+19, SGW+00, SKW07, SDLZ13, TWPP07, VBM+19, WT14, WGMW10, WNRM08, WMP+11, Ano14, DCS+18, KHGL+02, MMMC07]. **Coastal** [BT04, CPS05, HHD+09, LHM14a, MBOvL08, PCJ+05, PKA95, PHS+17b, SBC+16, WDR05, ATM+07, Ake19, ADBU18, AHV+00, Ano05d, AMK+05, BPS00, BC05, BMK05, BHS+19, BCVCHW04, BLD+06, BFF+10, CJA+06, CFZ+18, CSW+18, CB09a, CWL+23, CA06b, CBA+20, CBA+05, DSBS20, DHW98, DHGO23, DHS+09, DWHM06, EQW+13, EDF+04, EO02, FME+09, FWR+02, GBP00, GKB+18, GVD+97, HPWP07, HWTP07, HSO04, HTA+17, HCHD09, HS05a, HEV+10, HLS+02, HWP+07, HTW14, HCRX16, Ike03, JJVH18, JCPC09, JFM+17, KCMA05, KC03, KC04, KGB06, LLK+16, LLR+06, LWDH06, LAGK+18, LDGH16, LPPK14, MTGY05, MBH+96, MM05, MTD+18, MPF+17, MBC+09a, MAA+04, MAA+05, MKVT+04, NC97, NKB95, OC00, OTH05, PRC+09, PBG+10, PJLO+17, PK03, PFX+02, RHI00, RMBG11, Roy05, SH99c, SGW+15, SAM96, SFB16, SFB19, SRS11, TAMTC+13]. **coastal** [TDCV+06, Thu98, TMC+14, TLR+00, VLP+17, VSFF09, WLM23, WMB+08, WCH05, WCSA+16, WYW+02, YK05, YSBH06, bsBD+20, vGTG+00]. **coastal-oceanic** [BHS+19]. **coastline** [WRBS10]. **coasts** [PNC+06, SMLP04, TBW+11, WLR+00, vCO09]. **coatsorum** [RDW+22]. **Cobalt** [NSMBN08]. **Cobscook** [HTW14]. **coccoid** [SSW05]. **Coccolith** [Tan03, BZvHH00, SZS+07, YZ00, ZdBB+07]. **coccolith-CaCO** [BZvHH00]. **Coccolithophore** [BZvHH00, BBV00, CBT01, HT01, STD+20, ZT00, And00, BAR+02, lLCCC07, FS02, GSdS+14, PMS+20, PABH07, RWR+02, RWZ+02, SBH+02, SZS+07, WABW02, WTZ02]. **coccolithophore-dominated** [WTZ02]. **Coccolithophores** [BAS00, GC07, GMMS05, Zon07]. **coccolithophorid** [SMGB02, SMGB03]. **Coccolithophorids** [BH99a, SWZA02]. **coccoliths** [SLB+15, ZBvH+00]. **Coccolithus** [TTA+16]. **Cocculinid** [YERT13]. **cod**

[BZS+16, BD06, CMNO23, CCC+23, CSS+22b, DTWF17, Dri09, EGOO22, FHAH16, HTPM14, HCAK17, HSC+19, IAA96, JGM09, KVS+09, LSHB09, LM96, LCR+96, LBB+06, LLW01, MMS+19, MEB+23, MDH16, MZH16, NHCL14, ODR+09, RG06a, RG06b, SRFR07, SH16, SHPM14, SSB+07, VSFF09, WPLN96, JDBP+05]. **cods** [PFPJ+09, WWN+22]. **coefficient** [DNA97, MNSMN+04]. **coefficients** [STWW01]. **Coelodendridae** [PPC+07]. **Coelodiceras** [PPC+07]. **Coelorinchus** [FARLR+13]. **Coexistence** [Gut06]. **Coherent** [MDSA19, SLP+09]. **cohesive** [LYL22]. **Coho** [LWO+09, TBH09]. **cohorts** [LCW20, VSFF09]. **COI** [ABE+11]. **coincidence** [BWD20]. **colbecki** [SL06]. **Cold** [Cor10, FBP+17, GPCC+17, HRSJ23, KCD+17, KBFH14, LSL+15, ODP+17, RFJ10, SC10, SKdS+14, WMB+13, AM22b, Ala22, ASF+16, AHVB+17, BBAL+20, BBS+20, BCN+17, BDL+14, BNP+09, BHSJ16, BPR+10, BR14, CBHF10, CNM17, DCC+17, DGT+17a, EFW+14, ESL+10, FR10, FRC+10, FC15, FDP+14, GGO+14, HS96, HWK+14, HHH+22, HFL+15, JBJ17, JBS+10, KB15, Kel10, KHL+17, LPdR+14, LDBvdB17, LPPC+10, LLM+17, LZZ+16, LPMS09, LGR+14, MRB+14, MTM+13, MST+14, MSA+14, NOFP14, NLDJ14, OG11, OJK+10, OWW+12, PL04, RRL+14, RVC+13a, RDV+09, RBJW16, ROC+21, ROBV+18, Sco05, SO98, SKM+12, SSR+14, SGM+14, SDGH14, SKW07, TAC+17, TH99, VDS+20, WPJW96, ZWM12, vCO09, GdRGH+14]. **cold-air** [Sco05]. **cold-core** [LPMS09, OG11, SKW07]. **Cold-seep** [RFJ10, WMB+13, FR10, FRC+10, HFL+15, JBS+10, OJK+10, SO98]. **Cold-seep-like** [ODP+17]. **Cold-Water** [Cor10, FBP+17, GPCC+17, KBFH14, SKdS+14, AHVB+17, BDL+14, BR14, CNM17, DCC+17, DGT+17a, EFW+14, ESL+10, FDP+14, GGO+14, HWK+14, JBJ17, LPdR+14, LDBvdB17, LLM+17, MRB+14, MTM+13, MSA+14, NOFP14, RRL+14, RVC+13a, ROC+21, SSR+14, SDGH14, TAC+17]. **coldspots** [WC24]. **collaboration** [GKB19, HAE+17, LTF+19]. **Collaborative** [MHO02]. **collapse** [GBD+11, MCS+09]. **collapsing** [SFD04]. **collected** [BEB+13, BEM+15, CR06, Can06, CP22, FB15, FK98, HAP03, HSY08, Kyt02c, LCL+09, MB15, Mar18, SBBP+15, Ste13, SLB13b, YA03]. **collection** [FA03]. **Collections** [KTSI07]. **colliei** [KM15]. **Colloidal** [NKB95, FCW+15]. **Cololabis** [TSB+14]. **Colón** [SCC98]. **colonial** [SDMC03]. **colonies** [LPPCF10, PZL+09]. **Colonization** [MCD+09, BDG+04, BRPH20, HDR+11, HK07, LV17, MTGY05, MMG98, OGG+15, PPFS17, RHW04]. **colonizing** [YERT13]. **colony** [AHVB+17, HPS+13, NCR+08]. **color** [CFS+06, CWP+15, DDN+04, HGAB04, KMLC+04, KKMSM12, KC04, LW04, MCS+02, MCS+03, MSC04, MKRY01, Pal04]. **colored** [DC00, GMC+12, MORB+15]. **colour** [MXC15, PTA+99, RN06, WPAP01]. **Columbia** [DCS+18, HBCG14, NDE14, HSBT19, KM15, MY99, MPZ04, PDC+99, VBM+19, WWB04, ZPG14]. **column** [ADAM02, BCI02, BFT+97, BRSlW95, BBB+11a, BT15, CB16, CA06b, ÇYFB+06, ÇYAYT06, CMA+09, CMB02, CPEN08, Cri95, DSO+97, DGB+98, DFK+06, EPPR09, GRS00,

GQ09, HSS+18, HLNO96, HCRX16, JB01, KWF+19, KMLT06, LMM+17, LSC02, MS06a, Mas01, MGC+14, MKH+05, NSKG96, PFW+09, PPRHLF02, PLS+03, RTC06, RTFB09, SvdLM95, SSUB15, SSL98, SFG98, SBA+20, SKM+14b, TGRB02, WHL+97, WWH97, YNG+16, Zon97].
**column-benthic** [MKH+05]. **columns** [HHH+15, VKM13]. **comatulid** [EBG+11]. **Combined** [TWL+15, BGCH20, KMD+01, MYN+96]. **Combining** [JLAD95, VALW23, BWS+98, RN06]. **COMICS** [GSB+23, VABCR+24]. **commensal** [STB+17]. **Comment** [BJF16, Eif05, JW05a, JR11, PTMH16]. **commentary** [BH19b, Ste10]. **comments** [CBMM15, SLC+15]. **commercial** [BGIJ+06, JR04, MES+23, Pas18, SID19, YKO15, ZNM+02]. **commercially** [ADK+15, DM16b, SDB+19]. **commerson** [WYL+20]. **Common** [CV17, GQ09, CHV+15, LAP+17, SM12, SL06, VVM+12, VSFF09]. **communities** [ATI+23, ALSF+17, ACR+20, AZYT16, BN97, BLM+14, BOHW22, BAS00, BM17, BN04, BEZ+22, BRBD17, CBNR+09, CB97, CSM+13a, CHV+15, CMNM16, CBJ+23, CGG+19, Cor10, CNM17, DSB+18, DDN+04, DND04, DHGO23, DLKP14, DKP+17, DSYH09, EP18, ELG+22a, ELG+22b, FBB+13, GMR+09, GTTKB14, GD07, GGP+14, GARVK04, HHH+15, HCS05, HLL+09, HBB+13, HV03, JJVH18, JYM+15, JLY+16, JKP+17, JLJ+12, KOO+24, KRS+11, KGB16, KCL20, KHL+17, LLR+06, bLHsL+13, LB14, MPZ04, MP99, MTB09, MTK+18, MCD+09, MBC+09a, MGK+17, MFS+23, NBB+02, NHH+13, NMS09, NRH+20, ODP+17, PBMM14, PDE+16, PRSS23, Qué13, RLB+18a, RH14, RAF+11, RHD+18, RVS11, RAB+17, RPZ+14, RKM+22, SLS+09, SLDL93, SLS+10, SS09, SO98, SKL+22, SPEPS18, SBE+99, SBSW07, SKW07, TBW+11, TDCV+06, TMP+13, VGSV09, VSD+97, VD98].
**communities** [Vri13, WW04a, WLC99, XGL15, XSM+19, YWI+02, YPY+13, ZFA+02, dSEDW11]. **Community** [BGB08, FWP+07, GBH+01, HTD13, HPM02, JBR+18, LPPC+10, MSH10, PF04a, PBO+11, RMB05, SSI+09, WREC18, AHR+06, AYMSAS19, ADBU18, Ano97c, ACBMQ08, ADGA05, ADGA06, AS95, BH14, BS03, BBH05, BCN+16, BGCH20, BGWF08, BG94, BF14, Blu01, BDG+04, BMGC09, BGKB06, BL01b, BLC+02, BLS+08, BMSBM+17, CLC+98, CTBNL08, CDM23, CSW+17, CSGC03b, CCW+08, CBW01, CBHF10, CKB+07, CPEN08, CMB12, CRI18, CJM+22, DSN+10, DGN+17, DCA09, DPS+14, DBS98, ENM+14, ENM+16, EBDL08, ECS+17, FSP+16, Fro04, FAMY20, GdRGH+14, GML99, GGPM05, GQ09, GS06b, GKGW22, HWTP07, HAH+01, HKN+09, HNK+12, HWS+98b, HSR+22, HKP10, HSK+00, HZYZ10, HHX+10, HWTN22, Hug14, HPS+11, IIM02, IHI+97, JMN+15, JTK+14, KBL01, KSH+09, KFG+03, KCTG16, KAM+20, KW00, KNN+06, KCO+19, LCD+24, LRR+04, LK02, LHD+22, LDBvdB17].
**community** [LRN+14, LMM+97, LPPCF10, LGML00, LMKL09, LLH+15, LWW+15, LTW+22, LXS+13, LLT+00, LDSV98, MC05, MBHN02, MBHB09, MWK+20, MK21, MC18b, MCH22, MNV+20, MLK+12, MCL+12, MLS+15,

MPTW11, NGS+15, NGS+20, NMC+07, NTH10, NPA+22, OYM+13, OYK15, OS02, PKW07, PK03, PTD+14, PMS+07, PABH07, PCP+17, QED+14, RKTG14, RSF+99, RlBW99, RWZ+02, RSR10, RMNB08, RBS+17b, SD06a, SWL+18, SSMM+08, SLMP07, SLA+01, SFW08, SRF+09a, SFV+98, SSAL+17, SVS93, SAW16, SSI19, SMB+98, SSP+06, SE14, SGM+14, SCWK08, SWMB10, SKH10b, SHC+00, TBEW99, TZS+01, TLSY11, TLSW15, TLR+00, TDKA05, UKM16, ULTL16, WGB+04, WAT12, WvdEM00, WCH+93, WBD17, WABW02, WTT+20, WvdE00, WvdEP+10, YHK15, YJL16, YNK07, Zel01, ZJH08, ZLW+19]. **compagnoi** [SLC+15]. **Comparative** [EAB+20, GMR+05, HPN+12, JASS02, KKSA19, LTG+09, RWN+08, Sum19, ZJH08, BDW+96, HAE+17, KYW20, LDHO+14, LH15, LPS14, MKD+20, NEO+07, RNP93, WZZ+23, WCS07, XZW+19]. **compared** [BQT08, LCE+23, SA15b, WGR+95]. **Comparing** [DLW+17, HON+13, HWJ20, Jac95a, KSM+11, OLP+20, WAC+09, FR10, NA13]. **Comparision** [OE06]. **Comparison** [ATM+07, AGGdC14, CBK+07, Dri09, Dud06, ETP+16, HPH+16, IYM10, KJL+17, KKD06, MR15, NRH+20, SRDV07, SKM+12, SGM+14, SKW07, TRM+15, WBO07, YLK+15, Zim19, bsBD+20, vdLBB+02, ABKL96, BAS00, BMML06, BGB08, BB03, BWAS02, BRBD17, Boy02, BBBM04, BL06, CFGR07, CFJL96, CFS+06, CES98, CC15, CCL+14, CMT93, CBW01, CM01, CDJM04, Dal04, DEL+17, DKJ13, DLKP14, DBC+02, DBH+20, EMG+15, FRC+10, FO05, GSGS01, GLdS+09, GWP+98b, HBP+14, HPS+13, HZS00, HCHD09, HIA+16, JVDH08, Kam18, KGE+04, LB98a, LR97, LMG93, LW15, MBW+03, NVK+04, RJWD01, RD97, RHPC+19, RTC+07, RAL+01, SCGDU09, Sch02a, SVKT20, SFK+12, SCWK08, WPHL02, WCRG95, WAT12, WEB93, YD09, ZNM+02]. **Comparisons** [JWS01, MPZ04, MBS05, TSWJ12, CRT+00, DIM+12, HJS+10, MSH10, MDI+12, RDLZ02, WBJ+98]. **compensation** [SVS+20]. **competence** [BA01]. **competency** [GdRGH+14, VSGM03a, VSGM03b]. **competing** [PSUH+16]. **competition** [ARWM13, DMFB19, LSWH07]. **compilation** [LMB+98, Lut09]. **compiled** [FRW00]. **Complementarity** [Bro19]. **Complementary** [MS18]. **Complete** [FB14]. **Complex** [DSE+14, DDB+17, DJC+14, KBB07, ROB+17, SDT+17, SJD+11, TT17, Vri09]. **complexation** [BSS15, PD01, TGK+11, TAL+12]. **complexed** [TLF97]. **complexing** [ISB+11]. **Complexities** [BFK+14]. **complexity** [BF14, FHW06, MDK+01]. **component** [BA10, BWD20, RI05, WDMEL01]. **components** [HIN+02, JCP+22, SNIT02]. **composite** [HMA20]. **Composition** [Ala18, Ala22, BHJ+14, BFB+18, BCB07, CMH09, FB15, GSB+03, Kam15, KRS+11, Kyt02a, MB15, SSMM+08, WACGH11, WAP+18, ZRC+11, AWL+09, AHR+06, Ala13, Ala15, ADBU18, ARC02, AHV+17, Ano97b, ADGA05, ADGA06, ASF+12, BRCFP23, BDR16, BTV+11, BH14, BBLS14, BGS98, BMGF93, BSK+97, BS98, BOB20, BTR20, BRP+13, BAF+18, BZvHH00, BOKA16, CVF11, CAFK03b, CBHF10, CG04, CPEN08, DDN+04, DSN+10, DGMS96, DB05, DPS+14, DDB+17, DAN23, DKGT04, EBGCL08, ER05, FLLGR04, FGW02, FCBD08, GVW+19, GSM+08,

GBH+17, GBLS00, GFS99, GK02, HMH+02, HK01, Hil04, HTD13, Hug14, IOK03, iITT+15, JBR+18, JLR+13, Kam13, Kam18, KSH+09, KSL+04, KCZ+19, KR95, KME18, KMM+08, KYI10a, KLY+15, KHH+17, LCVV06, LCD+24, LOA15, LPPC+10, LPPCF10, Lin04, LKH+07, MC05, MGHN01].
**composition** [MHA+01, MHPS19, MO96, MNV+20, MNPT06, MLK+12, NMK+20, NESB+15, NDG96, OA11, PVK+20, PK03, PTD+14, PTWM12, PMS+07, PGZ+09, QNL+16, RCW+15, RRWR08, RSF+99, RNR20, RJGBF02, RQRVM10, RBS+17b, SSMC10, SLA+01, SOS01, SRH+11, SFG98, SHH03, SBG+98, SHR02, SGM+14, SL12, STR+14, SBS+08, STS11, TLSW15, TMP+19, TDKA05, WMS+96, WCWW99, WCL+15b, Zel01, ZCG+12, ZWJ+19, KVB+09]. **Compositional** [MvSHD01, DF16].
**Compositions**
[WHL+97, BLM+10, CH07, CMVS+10, CML+09, JKP+17, KJL+17, KLL03, KWPB15, KLJ+16, SHWW22, WBD17, YLK+15, ZWQ+19]. **compound** [EBG+15]. **compounds** [ABC+04, HTML98, HML99, PSK00a].
**Comprehensive** [PMJ20, BMG+04, CW18]. **compression** [SLS17].
**compromise** [SLD+13]. **computations** [Lar04]. **Computer**
[OM02, PWL07]. **concentrating** [NSMBN08]. **Concentration**
[HAP03, SZG+13, ATS+96, BSS20, CMNM16, DO96, GMM+20, GWWL03, MPS+21, MGR03b, NDT+01, PHD+18, PLHMA06, SWR+95].
**Concentrations** [RWJ06, ARF+13, BSE+16, BMML06, CBV+16, EGL+16, FJG+00, FBCN00, GMR06, HTS+09, HK01, HA03, IS07, Ike03, KSBK01, KLLO98, KMD+01, Kyt02b, LOA15, LMM+17, LZB96, LCL+09, NTK+09, OHT12, OE06, RVC+13a, RGS+97, SMLP04, SG99, SRW+10, TP99, TRM+15, WSS+08, WR01, WSB+09, XWZ24]. **Concepción**
[CDJM04, MFG+04, UPS04, VLSS+04]. **concept** [MST+14]. **concepts**
[MSS15, NTA+10]. **Conceptual** [SHM13, MD06, RDSA+21, VSGGPR14].
**concinna** [GWDP11]. **conclusions** [BFF94]. **concretions**
[FSCC07, GPBV+07]. **concurrent** [JOD98, MT98, VALW23]. **Condition**
[NVK+04, VMF+16, BZMC20, CLB96, CCC+23, CSS+22a, CSS+22b, DDAH+14, FHAH16, GKR+18, HSFN13, HRM+18, JH04, KMOM19, LCR+96, MCBC08, MZH16, NKK+00, NLY+13, OVKN11, SMH+06, SRFR07, VKM+10, WBA+17]. **Conditions**
[LMH+18, ASF+16, BN05, BES11, BKP+20, BG08, BBL+13, BZ20, BFDB17, BCDV02, BMH+94, BLH05, BVB+14b, CAS+16, CJA+06, CFKS05, CFS09, CDJM04, Dal04, DSG+09b, DBL+05, DG18, EGG+05, FBP+17, FLLGR04, FLTV04, GEP+16, GWWL03, GNT+17, Had11, HSB+16, HMW00, HSR+16, HSFN13, HNRGL06, ITT12, JTW00, JD08, JGM09, KB99, KFF+94, KSH12, KMM+08, KTSI07, KT02, LT16, LH15, LLK05, LAT+18, MPG+97, MDTS11a, MPV+11, MAK+16, MAA+04, MAA+05, NVBJ08, NCR+08, OT12, PS04a, PNL+19, RRL+14, RMB05, RVJG+02, RVJG+05, RSS01, SMZ+08, SMB+13, SLS17, SAA+17, SSR13, SHH03, SBG+03, SBK08, SMH+11, SLP+17, TBW+11, UPS04, VGGLB15, VPP07, WSB13, YFL+23, vOSG+11].
**CONDOR** [GMB13, BLM13, BRP+13, CVA+13, CSM+13a, CGPM13,

MDG13, MG13, PGPI+13, PGPP+13, RG13, SMB+13, THM+13, ZBC+13].
**conducted** [SL12]. **confamilials** [SI09]. **Conference** [Ano06e]. **confidence** [SSM09]. **Configuring** [SMA01]. **confined** [AJG+10, DL04]. **conflicts** [HBC+15]. **Confluence** [GSMG04]. **confronted** [BCE+07]. **confronting** [PCL22]. **Congo** [BMD+17, BSS+17, CRD+17, DDB+17, MRP+17, OCG+09, ODP+17, PTD+17, PCB+17, PDS+17, RCL+09, ROB+17, RBDO17, RdGM+09, SBDB09, SSB+17, SDT+17, TBC+17, VPA+09, VKC09, vCO09]. **Congolobe** [ROB+17, RBDO17]. **Connecting** [MD17, RH14, HGM+11]. **connection** [BPS00, CBBM12, Har06]. **connections** [MTWH04]. **Connectivity** [CBA+20, HSC+19, SCH+19b, SCH+19a, GSC+19, GDAMS19, LHM14a, PHH+16, RMBG11, SWK+23, SGI+19, TM22, VVM+12, VHC+17, YSC+20]. **connexions** [CPF+14]. **consecutive** [RSF+99]. **Consequences** [VHT+20, AL13, DAA+20, EDF+04, PPRHLF02, Rod13, TTU01]. **Conservation** [ASBR17, BCG+22, BM17, CHS17, DCC+17, DHS+14, DLW+17, LBY+10, MGT+20, PRDB+17, PWB+06, SCCG09]. **conservative** [BWD20]. **conserve** [DWG+15]. **considerable** [PRB+11]. **considered** [TSW+12]. **considering** [CWSH20]. **Consistency** [LSF+01, CBB+95]. **Consistent** [BFML+08, KHL+17, TGK+11]. **constant** [VCM+14]. **constellation** [RAS23]. **constrain** [HSM+01a]. **constrained** [CJM+22, OUJ+19]. **Constraining** [BA10, DDK+00]. **Constraints** [CTGD08, Cha07, FDP+14, PC98, WJS+10, WCJ97]. **construct** [CW18]. **Constructing** [RDSA+21]. **Consumption** [CBA+05, BLW+09, CSGC03b, DSO+97, HDJP05, HRG+16, MBC+09b, PCB+17, RCL+09, RMNB08, SMV+03, SLZ+16, SH16, SLLT10, TS13, VRL+02]. **contact** [AHML95]. **containing** [ABS+14, CP03, SW01, WLC99]. **contaminant** [ACV+01, ACG+01, CM99b]. **contaminants** [BMB+18, HFK+02, SSLP95]. **contamination** [SHF+95]. **contemporary** [Jam18, MBG18]. **Content** [KDU+10, CHV+15, EWP+99, GGRJD+10, HHH01, HRM+18, ITK+16, Mil94b, MS12, RS02, RWT+20, SWC+02, WGMC14, WPFB11, YOO+10, YBC+17]. **Contents** [Ano96b, Ano96c, Ano95g, Ano98g, Ano99f, Ano00f, CH07, DBMI17, KLL03, YQMB20]. **context** [BG08, BvWR+20, BA02, LGR+14, Mit96, OWW+12, TAC+17, WGNH15]. **contextual** [RPH+06]. **contiguous** [MSGO18]. **Continent** [SSC+23]. **Continental** [CB09a, DTWF17, KHB+04, PDBH03, SSL98, WCK+18, AAG02, ASBM02, APT11, AMH+01, ARW+04, BBB94, BDW+98, Bau02, BDWG02, BH99a, BBS+20, BLM+10, BBDL98, BRW00, BPB+94, BH94, BD94, Bla94, Bol08, BLD+06, BHSJ16, BCA+03, CLT94, CBNR+09, CFL+99, CA06a, Che03, CWFP94, CKH+08, CDL94, DAA+20, DGN+17, DTB+02, DBD03, DC08, DCR94, DK04, DKS11, DBDT03, DT08, DEK+08, DDB+97, DME+18, EBGCL08, FBS94, FGU04, FARLR+13, GMR+09, GTSC08, GLDCA+06, GPMZ+10, Gau07, GSM+08, GBPB+13, GOM+09, HB03, HBBD03, HBCG14, HBT+08, Har94, Hec94, HZMH07, HMLS+06, HdMR+99, Hil94, HVN02,

HvH04, HS05b, HZWW16, IOK03, IGP+06, JWO+09, JBD+09, JWCC99, KGB+11, Kem94, KFF+94, KBKW13, LG00, LSM+06a, LLM+17, LRV+02, MY99, MPZ04, MAK+16, MS06b, MMWM00, MKB+10, Mil94b, MLH+22].
**continental**
[MSG+00, MLG+04, MMM+00, NEO+07, NAT+12, NMS09, NCSB+98, OBC+14, OHT12, OPV11, PK08, PKHH17, PBVC+16, PRP15, PPM02, QSA+09, RCL+09, RH99, RV00, RH94, RFJ10, RSH10, RTM14, RSRL00, RBP+94, SLS17, SC10, SL94, SSV02, SGC03, SSM+00, SK02, SMD08, SSR96, SLZ+16, SM20, SM23, SGFP13, SN00, SHY10, SJSI00, TBA+02, VBF+02, WZL+16, Wir94, ZZY+19, ZWJ+19, dSJB+11, vWDB+01, RA98].
**continental-shelf** [FGU04]. **Continuity** [FBB+13, PSK+00b]. **Continuous** [CDG00, NMW+09, FWS94]. **contourite** [HMLS+06]. **contraction** [FJR+20]. **Contrasted** [JTK+14, BGG+09, JAM+14]. **Contrasting** [BSW+13, BSR08, CEG+11, CMC11, MWF+19, MCS+09, NRS14, SHC+22, TPW07, TBW+11, dCHdOF+18, BBE+13, DDB+97, GFW07, KMB11, LGO08, NCR+08, SKL+22, Wit00, vdLEM+14]. **contribute** [CCS+16]. **contributing** [ANL13, FGH+13a, PDY20]. **Contribution** [Ano09b, LTS+13, MRSLM+19, NAT+12, AHHCR23, BMS+18, BH99a, BRPI02, DURP03, DB97a, Har06, JSP+17, KW03, KNB11, LKJ+15, OT03, RvAH10, RT20, SWSL14, TRH+08, WDKC00, ZdBB+07, IPH+17]. **Contributions** [DO96, GBB+17, CPM+18, KD13, LCL+98]. **contributors** [Gra09]. **Control** [KMC05, PHS+11a, SD96, ADRS19, Arm03, BSSK+08, DSN+10, ECD06, EAF+17, FAS+03a, HC01, HBCG14, HH03, HSW+02, HPS+11, HRG+16, HKY+16, KIIW03, LMDW06, LHKHH10, MLG+02, MTWC+15, ML20, NGS+15, NCCR+12, SFR+06, SLS+10, SBD+97, SFW+13, SFZ+13, TBB+08, WZW+22]. **controlled** [HDPI99, JB01, WGR+97]. **Controlling** [WC09, ZWC+15, BN05, BCM02, BES95, GSMB01, HB03, HWTN22, KMO09, KMLT06, LL00, MLS01, SGC03, VPP07, WMM02]. **Controls** [AM02, BMG+17, DRH+09, ETDB11, HPY+15, HKO+17, LG15, MMG+07, WKM+07a, ARF+13, AMN+02b, CMB12, DS21, DWHM06, ECD+17, FGF+14, FAS+03b, HWC07, MPH+95, MDB98, MHB05, PLR02, PVRA07, TCH+16, WCMB06, WRZ+19]. **convection** [BK99, Car07, GKH+07, KB99, LGQ99]. **Convective** [GDL22, FM99, HC01, HB05, TS93, TH99]. **convergence** [CHSVB+19, DL01, HH93]. **convergent** [AAB+97, Joh96]. **conversion** [DDK+00, GLM04, SLLT10]. **Cook** [MCH22, MMSS14]. **Cool** [MSRM14, FHAH16]. **cooled** [PFPJ+09]. **Cooling** [HKSV11, Ber07, KDSR19, Ou05, YK16]. **CoOP** [Ano06f, LWDH06, VLK06, WLD+06]. **CoOP-WEST** [LWDH06]. **cooperation** [Hem99]. **cooperatively** [GFCS04]. **coordinate** [EOB03]. **coordinates** [CJ19, Joh19, Mar19]. **Copepod** [PPFS17, SSMC10, URDP01, AS95, BDW+96, CG21, DG18, EAF+17, GGF+08, GO10, GW98, HEV+10, IAA96, LYN+13, MN10, MWK+20, NLY+13, PK03, PTWM12, RPJ+06,

SVC+08, SM15, Thi98, UFAK06, VK04, YMC+22, YQMB20]. **Copepoda** [AS01a, CSS+10, SLB18, UFAK06, VK04]. **copepodite** [Kli09]. **copepodite-V** [Kli09]. **copepodites** [CM01]. **Copepods** [DBR22, SSHM+08, BDR16, BOKA16, CHG20, CDRB16, CBMM15, CHSVB+19, DURP03, DB97b, DLB02, DC06, HNCW23, JPC06, KSU+08, KUN10, KIN+10, MNN10, ODCP98, PBS06, PKZ+19, RFF+02, SSMM+08, STFL+13, SNS+16, YOK+10, YOO+10]. **Copley** [Ano97b]. **Copper** [JM15, AIW03, BBB13]. **copper-binding** [BBB13]. **copulatory** [LV17]. **Coquimbo** [GHIM04]. **Coral** [Cor10, NCT13, SEM16, VSR+10, ZMYS13, ATI+23, AHVB+17, BM17, BRB+13, BR14, CMVS+10, CNM17, DMS+10, DCC+17, DGT+17a, Di 10, DAN23, DSE+14, DQC14, EFW+14, ESL+10, EWF+18, EP18, FBP+17, GGO+14, HWK+14, HKY+13, JBJ17, KBFH14, LPdR+14, LDBvdB17, LOB+09, bLHsL+13, LGR+14, LB14, MTR+10, MDC+10, MDTG13, MSA+14, NRSL17, NDE14, OGJ+19, PCY+13, RRL+14, RVC+13a, ROS+17, RAF+14a, RAF+14b, RVD+10, SGPD+14, SAW16, SKdS+14, SSR+14, SDGH14, STR+14, SYK+13, TAMTC+13, TAC+17, WYIT13, YPY+13, SC10]. **coral/carbonate** [NRSL17]. **Coralliidae** [FB14]. **corals** [BCN+17, BDL+14, BWH+17, DRRBC16, FDP+14, GPCC+17, KFTE14, LLM+17, MRB+14, MTM+13, MBMGK08, NOFP14, PSB14, PFDD16, ROC+21, YLG+18]. **Core** [SBR+97, BSG+11, Bre93, CLQ+18, FM03a, GTB15, LPMS09, MFFM03, NGM+05, OG11, OMAA18, RYT01, SCD+22, SCGB18, SKW07, TNT+15, ZDBG05]. **Core-top** [SBR+97]. **core-use** [SCGB18]. **corer** [FB15]. **cores** [CWJ99, DF16, DSE+14, HB03, Kyt02b, Kyt02c, OTNT05]. **Corethron** [CHR97]. **coretop** [AKHR+20]. **Corexit** [PPS+16]. **Cork** [OM14, TFR+10]. **corollaries** [BL98]. **CorReCAP** [ZMYS13]. **correction** [CHG15]. **correlated** [GDE+96]. **correlates** [WC02]. **Correlation** [HSFN13, CLC+03, HS93, SCL+04, SLP+09]. **correlations** [KRGT14]. **corridor** [AJR+15]. **Corrigendum** [AN06, CC00, CM16a, CBF+16, DTWW21, ENM+16, ELG+22a, GAL+20, RVJG+05, RSCFT+16, RAF+14a, RDC+18a, VSGM03a, WJD+00a]. **corrosion** [SC16]. **corrosive** [CMPB18]. **corsellii** [BBAL+20]. **Cortés** [FLTV04, FLTCV10]. **Coruña** [BFM+14]. **Coryphaena** [TMGLM19]. **Coryphaenoides** [MSW+13, RCCP13]. **Coryphella** [Mar13]. **cosmogenic** [CLGM05]. **Cosmonaut** [LXWC21, VJP+10, WZW+22, YCT+22, YMC+22]. **cost** [AKK+17, RG06a]. **Coulter** [JLAD95]. **Counter** [PBD+02, FMFW07, WMH+07]. **counter-rotating** [FMFW07, WMH+07]. **countercurrent** [CGR+00, CMBPM04]. **counting** [LBJ+13]. **Coupled** [AMP+03, HKC+21, HCRX16, SSSC19, WBBM01, AGL+19, BFK+14, CRS+19, CMAO+12, CM03, DP99, DP02, DCL+21, DGN96, Gre01, HHD+09, HKMS03, HAM+15, JCD+03, JAM+14, KKUK10, LCL+10, MMSS14, RPB99, SMSA05, TLMT97, WMC06, ZG15]. **Coupling** [BJ15, PSK00a, SM00, VRL+02, BGS+08, CCBL14, CLL+03, CA06b, CPC+03, CBS+01, CSG+13, DGS+05, ELB+02, Eck94, GHM02, HV98,

JLR+13, LCT+07b, MKH+05, MR08, RMC+08, RTM+20, SBD05, SRW+10, SMD06, SDMS06, TBC+17, WZB+14]. **couplings** [SS05a, SS05b]. **course** [CLMK13]. **Covariability** [PO15, TBH09]. **Covariances** [Wun13]. **covariates** [CM16a, CM16b]. **Covariation** [MKRY01]. **Cover** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, DCF+18, HH20, HBO11, KCZ+19, LTW+11, NVBJ08, WYOS18, ZAC+15, Ano17f, Ano17g, Ano17h]. **coverage** [CSG+13, HVBO08]. **covered** [CDRA08, DC12, KSM+11, MGC+14, RHPC+19, RFHL99, SSMM+08]. **covering** [PP13]. **COVIS** [BSX+15]. **crab** [CB00a, FJR+20, GKBG17, HC13, RAL04, RAR04, VAM97]. **crabeater** [BCF+04, BHBC08, GFCS04, MCBC08]. **crabs** [DBMI17, KL13]. **Cranchiidae** [SRS+20]. **crater** [ASS02, Mas02, OM02, TGFE02]. **craters** [PPM02]. **create** [JHS+17, SPW+22]. **Creek** [Cha07]. **Crenarchaeota** [YLD09]. **Cretan** [PVK+20, PZT+19, TMP+19, TKP+20, VPK+19]. **Crete** [KVPK20]. **crinoid** [BSCR11, EBG+11]. **crinoid-dominated** [BSCR11]. **criophilum** [CHR97]. **cristatus** [Kli09]. **Critical** [NISG05, DABF+16, TS13, YKSI19]. **Croker** [LRR+04]. **crop** [OT03]. **crops** [DEL+17]. **Cross** [CSGC03a, DKS03, GGPM05, HLZY10, Jen03, MKT+15, PBS06, PG97, CMC11, CP05, DK04, DGS+05, GNG+22, HHD+09, HZN+16, HCG+03, HRK14, JCF+06a, JHHK14, LSC05, MMJ+03, MMMC07, SRY04, VCDAL14, WGB01, XSL+17, YH10, YLH+10, LC16]. **Cross-equatorial** [Jen03, MMJ+03]. **Cross-front** [MKT+15]. **Cross-frontal** [PG97, SRY04]. **cross-over** [JCF+06a]. **Cross-shelf** [CSGC03a, DKS03, GGPM05, HLZY10, PBS06, CP05, DK04, DGS+05, GNG+22, HHD+09, HCG+03, HRK14, JHHK14, LSC05, MMMC07, VCDAL14, WGB01, YH10, YLH+10]. **cross-shore** [CMC11, HZN+16]. **cross-species** [XSL+17]. **crossing** [SHB02]. **crossings** [PRB+11]. **Crozet** [VVTM97, MSH+07, MHP+07, BNM+07, BBE+13, FWP+07, MMG+07, PG97, PPRL02, PSF+07, PSLS07, PVRA07, PMS+07, RPA07, SMS+07, SBQ+02, SLMP07, VPP07, ZHB+07]. **CROZEX** [PSLS07, Ano07a, LSS+07, MSH+07, MHP+07, PPL+07]. **crude** [SKD+16]. **Cruise** [Ste13, BPRS11, DRBM97, Fig02, KFS+17, LSU04, LAF+02, PPRL02, SlBW01, SSUB15, SDB+97, SBvdL+02, WPAP01, RAB+17]. **cruises** [AE02, BCH+96, BAC+15, BG09b, CAMA+02, CP22, DLB+11, HMW+15, LUV99, MHFM15, Mur06, WBM+10, WWN+02]. **crust** [ACBV+18, GNT+17]. **Crustacea** [BPBJ13, MKKB14, MS11, NCL13, SM15, Wil08, DKGT04, AS01a, Ang10, BBBM04, BB04, CB00a, EWP+99, HNS+11, HRS+23, JLL+13, KB15, LMS15, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, Mar18, RHW04, RMBW07, SLB18, SR08b, VAM97]. **crustacean** [DND04, MCB+15]. **crustaceans** [BBR+18, GBPB+13, Mar18, PHS17a, WPB11]. **crusts** [ÇYB+18, GPBV+07]. **cryosphere** [SK07]. **Cryptic** [ABE+11, Vri09, BDR16, GRB+17, MMN10]. **cryptophytes** [MTD+18]. **crystallinity** [NAT+12]. **crystallorophias** [JH04, LLK+16, NVK+04]. **Cs** [HA03, Ike03, LLLP+03, NP03, OHT12, PFG+03, PdBK+03, TKP+20].

**CTD** [BKST13, SSWM18, STP+16]. **ctenophores** [MMY+20, PHKW10]. **ctenostome** [GC15]. **Cu** [AIW03, NOT+09, NEN+07]. **cucumbers** [OPDM11, WYIT13]. **Cultivation** [CKJ+16, LTG+09, ZWZ18]. **Cultivation-independent** [LTG+09]. **culturable** [MFM+18]. **culture** [MNB02]. **cultures** [JS14, TVLB08]. **Cumacea** [LMS15]. **Cumacean** [MS11, Wat09]. **cumulative** [PJLO+17]. **curl** [DDLK06, KKD06, YAOW05]. **Current** [Ant10, BPS00, BPC05, BV98, BKM07, BCW03, BL03, CC00, CPM+18, CMRI13, Di 03, DMW+07, EPPR09, FEB+13, GGAMV+23, GMCR18, GQ09, HV03, JR15, KVPK20, LKLK17, MHG+04, MPI07, PO15, QLU09, Reb03, SRF09b, SFH+18, SJ00, TAB+05, YHC+15, AGAB19, BG94, BMM+99, CHN+18, DLLK15, DCA+98, DBDT03, Eif05, EBG+11, FKS18, HMW00, Hen19, HMLS+06, HS05a, HVBO08, JW05a, JW05b, Led93, MB96, ML04, MSBS01, NPF+09, Ou05, PFX+02, PGS14, PP20, RR96, RDW+22, RF99, RG03, RdR03, SSY+05, SSSC19, TRM+14, TWL+15, Wea93, YFL+23, ZW23, vGCM00, AL98, AST+05, AGS+02, BFF+07, BC03, BRL+03, BLH05, BSL11, BT03, CK03, CH24, CMR+18, CPS05, CWTJ03, CPC+03, CMC11, CMJ+18, DD15a, DD15b, DCSV19, FM03a, FMFW07, FG97, Gau07, GO15, GOGCDB18]. **Current** [GS06b, HLR+09, HWTP07, HDD+11, HS98, HV98, HGMA+02, dlTGCAB+03, HZK04, HGM+11, HWP+07, HKO+17, HBK+98, JHS+17, JDBP+05, KKMSM12, KLK+15, KGKS20, KT06, Kla97, KHGL+02, Lad14, LO03, LJHAA19, LL01, LOA13, LDD+97, MDJS11, MFPL19, MW99, Mar19, MDB98, MBLM03, MJG+13, MNSMN+04, MRD13, MBOvL08, MGC+01, MFFM03, MBO07, NSH+10, OCT+19, PK03, PCJ+05, PRMM+17, RPMS95, RMB05, RB06, RPM07, RBP+05, Ric05, RAL04, RMBG11, RFQ99, SDB+97, SM03, SBC+16, SS99a, SGP+02, SLP+17, SB05, SYB+11, SHKW05, SRS11, STS11, SS13b, TLSW15, TCJ+11, TdFAL19, VMBS03, VPSL15, WTP+07, WPG+07, WDR05, YSBH06, YHC+11, ZSIW21, vdLCS+11]. **current-dominated** [BG94]. **Current/Undercurrent** [ZSIW21]. **currently** [CBMM15]. **Currents** [DD15a, Fir96, SDK+16, SBK+16, YC05, AAB+97, BKM07, BLO04, BB98, Blu93, BRSB16, CIMT19, CMH+20, CJ19, CH19, DBG+16, FKH05, FWS94, FK98, GOM+09, Grü99, KAW+16, KOR06, LWL+24, LCG03, LTY+03, NR00, PCT18, Pap05a, PK13, PFW+20, PF06, RA98, SMS01, SDT+17, SP09, SHM+20, SM20, SCS+98, SHKW05, TP96, VTD+20, WC06a, WEB93, WTJ+19, ZLZ+15, Car01]. **curvatum** [WTS08]. **cuttings** [JBJ17, PFC09, SLS+09]. **Cuvier** [BNKJ23]. **cyanobacteria** [ANL13, SSW05, SKH+10a, Uys06]. **cyanobacterial** [WLC99]. **Cyatholaimidae** [MM15]. **cycle** [ASFI02, BLS+97, BFF+10, BMK09, BCP+15, CDP+02, DGA+11, FGB10, FSK+05, GWZ16, Hat02b, HWS+13, HFL+15, HDW+20, HPS+11, JKJ+22, JCM+13, KPPL00, KMDW01, LGHD20, LWL+24, LBM+17, LW15, Lip01, MPG+97, MTT+12, MQACB08, PDC+99, Pro09, QTPS97, RIHGS00, SNB02, SMHB00, SWLL23, SKH+10a, TP02a, WCRG95, WB01, WC01b]. **Cycles** [ZHX+16, AMTE09, BD02, BL96, CFGR07, LN01, PDH+11, SSP+06,

Ste10, SAB+07, TP02b, TIKS03, WWN+02]. **Cycling** [OL15, APL+23, ARC02, AT10, AHV+17, Ano99a, Bau02, BDWG02, BD94, BMO93, CFJL96, CTGD08, CFV+18, CB09a, CBB+00, CMTS97, CC01, DNM+16, DSD12, DeM02, DVPR06, DMY+97, ETD+11, FGU04, FLTV97, FML+93, FC07, HBCC13, HZWW16, JBS+13, JBVW12, KWH+05, LRFK99, LSS+09, LLB+00, LL00, LDFS93, LKK+95, MLS+06, MNPT06, MDGF01, OFD+22, PHS+17b, RvAH10, RJDR06, STN+09, SF04, SFW08, SGC03, SP06, TVL+00, ULTL16, WYPY06, WWC+19, WJD+00a, WJD+00b, ZGW+23]. **cyclo** [SVS+20]. **cyclo-stationary** [SVS+20]. **cyclone** [PP20, KND+08, LBR+08, LDS+08, NKD+08]. **cyclones** [DNK+08, LBR03, RBN+08]. **cyclonic** [CCW+08, EMW+08, GS08, MBNRB08, NSMBN08, NMWH19, VMM+08]. **CYCLOPS** [Kro05, KTB+05, ZDBG05]. **Cyclorhagida** [AM18]. **Cynoglossidae** [TTD13]. **Cyprus** [AKZL16, GHB+05, HDGM19, OGJ+19, ZDBG05]. **cyst** [ASK+05, AJG+10, BAD+14, MLH14, PHK+14, PAM+14, VCM+14, Zon97]. **cysts** [AKK+14, ABS+14, BFG+10, EPK+10, ESAG10, KTP05a, MTK05, OT10, PBG+10, RBCG10, SAG+10, SKM14a, ZB00]. **Cyt** [EGOO22, EBG+22]. **Cytheroidea** [KB15]. **cytometric** [DO96, OSCS00]. **cytometry** [BFK+14, FGB10, SOS01]. **CZCS** [BE00, RD97]. **CZCS-derived** [BE00].

**D** [Ano97b, Ano97c, Eif05, CBF01, Cok16, DLR+01, DP99, EB01, FM03c, FC01, GGLP02, GWP+98b, GMPS04, JCF+06a, JCF+06b, JDL+12, MRM+12, SKS+16, SGB+02, TLMT97, WTSP07]. **D-BAD** [GWP+98b]. **D-variational** [FM03c]. **Dactylanthus** [PB13]. **Daily** [ATS+96, CD95, PAM+04, GDA+15, GFPM02, MPPR14]. **Dall** [MOA+18]. **damage** [RP18, YLG+18]. **Dangeard** [SDGH14]. **Danois** [GASGB+14, LPS14]. **dark** [Ano97c, CMBPM04, EGMB13, LMM+97, RlBW99, SH10, VCM+14]. **darkly** [NB10]. **Darnley** [GZGH22]. **Data** [LLM+17, MC12, SVS+20, Ala13, AGGdC14, ACG19, BC08, BCWT00, BMML06, BWS+98, BS05, BS06, BWAS02, BSS+02, BBBM04, CFV+18, CMB09, CLF+09, CFZ+18, CWP+15, CP18b, COJ+09, CLQ+18, CM99b, DSK+13, DKC+17, DWW+02, DBC+02, EMG+15, FRW00, FWS94, Fri01, FHW06, GBC+13, GMR06, GCD+06, GdRGLS04, Gol15, Gol18, GDC11, HSO04, HM14, HGAB04, HPH+16, HFKY05, HSR+22, HHKH+04, HBM+07, HZZ10, HA96, IS07, JBC+21, KKMSM12, KGKS20, KK20, KFH01, KBE+04, LSF+01, LHS96, LM13, LPM+19, MBG18, Mal15, MHB+23, MRD13, MGK+17, MBMGK08, MRM+12, NCSO13, NA09, NBBBT13, OAH+16, OLP+20, PGM+15, PNS+09, PTA+99, PDB+16, RMBW07, Reb03, RD97, RHPC+19, RG93, RTC+07, RVZ02, RAL+01, RCKCK07, RPF+16, SSWM18, SC10, SSHB03, SLP+09, SRA+09, SWLL23, SMPSG+04, SMA01, SDK+16]. **data** [SCQ+09, SGP+11, TCEW07, TMGLM19, VTA+11, VALW23,

WHLR13, YKN07, ZKSS06]. **data-assimilative** [CLF+09, MHB+23]. **data-driven** [RG93]. **data-reduction** [PNS+09]. **Database** [CMR+18, RSD+97]. **datasets** [WW23]. **dating** [FRC+10, SKS+16]. **Dawson** [Ano97b]. **days** [KMLC+04]. **DCM** [TAB+02]. **dead** [MGK19]. **debate** [ABE+11]. **debris** [DF16, DMC+17, Kyt02a, Kyt02c, PJC19, SIA+05]. **decabromodiphenylethane** [CHW+12]. **Decadal** [Bea09, BT03, GMBL10, HALV18, HWL06, KST+99, LSHP01, MSC+19, Met09, PSAY20, APB+09, ACK+14, BFH+11, CLPL+09, DGS+05, FHR+11, HC15, HS07, HK01, HGM+11, IIM+09, KSBK01, LK11, LWL+24, MCL+19, NI10, NBB+02, RR10, SAM05, TSW+09]. **Decadal-scale** [GMBL10, LSHP01]. **decadally** [QC10]. **Decade** [PC18, DD06, GVW+19, HTK+10, RP18, SCB+01, TSSR20]. **Decade-scale** [PC18, SCB+01]. **Decades** [Ano07d, KDMH18, KRHS20, LBJ+13, PWF03, PCY+13, VAT23]. **decapod** [CPF+14, Mar18, PHS17a]. **Decapoda** [NCL13, CB00a, CRT+00, LDBS+17, Mar18]. **decapods** [MCB+15, MBM+00]. **decay** [FM03a, WLH+16, DKdS+03]. **decaying** [TWD+08]. **December** [AE02, Ano98l, Ano21a, Ano22o, Ano23c, MDSA19, OTH05]. **Deception** [BS03, CRBK03, CKL03, KFG+03, KRW03, KL03, LT03, RHZ+03, SGD+03, BAKF03, GUSB03, IAC+03, LCG03, SBKS03, SBG+03]. **Deciphering** [DPY14, GLBB11]. **Decision** [ZDP+16]. **deck** [TPW+16, WW04a]. **decline** [APL+23, RMPI+17, SF10, TSN+06]. **Declines** [PW12]. **declining** [CFGR07, STN+06]. **Decomposition** [EAS+09, HVN02, NSKG96, SBG+98]. **decompression** [LTG+09]. **Decorrelation** [AL98]. **Decoupling** [Mil94b, MQACB08, RDP+02, vdMLB+11]. **decreased** [GGCM17]. **dedicated** [Kro05, ZDP+16]. **Dedication** [Ano06a, Ano11a, DCBS98, MLB+10, MTD+09, ROY13, Row08]. **deduced** [SSY+05]. **Deep** [AN06, ANS+11, Ano95b, Ano96d, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, AL13, BOC18, BHMK08, BS06, BCE18, BT98, BBB+07, CKFC18, CC00, CKY23a, CKY23b, CM16a, CSGV13, CBF+16, Dau18, DTWW21, DFA+20, DKS11, ENM+16, EMG+15, EWA+03a, ESL+10, ELG+22a, ELG+22b, GBB+17, GAL+20, GBSL98, GGI03, GC18, HCBL+17, HD17, HIK+08, HiII+20, HSD04, JTT04, JAP+13, LK98, LLM+03, LAT+18, MA15, MA18a, MA18b, MSF+22, Mar18, MCS+03, MJG+13, MMDS18, MAA+05, Mun16, NGF09, PK13, PNLFS03, PRSS23, RVJG+05, RKHK+11, RSCFT+16, RBP+94, RK08, RDC+18a, SSY+05, Sha01, SS09, SSK+07, SV09, Sig17, SLM98, Sor99, SS99a, SMGB03, Ste13, SC15, TCJ+11, TPS+15, VSGM03a, VGSV09, WLD15, WBM+10, WJD+00a, Zar16, ZGGF22, AM22a, ABG+20, Ala13, Ala18, AP22, ALSF+17, ACPV04]. **deep** [AAG19, AGW+13, AL14, AHK99, AKHR+20, BMHR08, BN97, BMS+18, BTP+18, BBL+13, BMD+17, BSS+17, BCN+16, BCN+17, BGOL01, BGCH20, BM17, BFT10, BDL+14, BW99a, BBE+13, BKY+17,

BMOW09, BSJ13, BFL00, BSP00, BL00, BL04, Bor01, BEZ+22, BSS+00, BSB+99, BG10, BBBM04, BE09, BEB11, BW14, BM15, BSW+13, BSSE16, BCB07, BRB+13, BWH+17, BBW+15, BLI+09, CP13, CRS+19, CB18, CSW+17, CHL+15, Che13, CP18a, CP22, CMAO+12, CB00a, CM00, CHG15, CHV+15, CAJE15, CBMM15, CRR01, CG04, CMVS+10, CG15, CRD+17, CHS17, DMS+10, DWG+15, DCL+09, DCC+13, DGT+17a, DRRBC16, DRBM97, DZL+17, DC08, DDB+17, DCA+98, Di 10, Dia04, DFD+11, DQC14, DFJ18, DAGK+17, Dud06, DBH+20, ESG+17, ETP+16, EBDL08, EWF+18, EP18, FMZ15, FHR+11, FVW08, FB14, FDR+18, FYS+17]. **deep** [Gag04, GMR+09, GTSC08, GBC+13, GKH+07, GLBB11, GSW99, GSM+08, GBPB+13, GPBV+07, GCKC07, GRSW00, GAHD+17, GBO01, GK16, HKR+01, HDK08, HPWP07, HZS00, HC13, Hil04, HAP03, HO99, HRM+18, HWS+07, HDW+20, HHR+08, IATK17, IARR01, IKR+12, JZ01, JTW00, JR11, Jaż15, JLB+99, JSSW14, JBS+10, KBB07, KBK+18, KBG+10, KB15, KWA+20, KCTG16, Kel10, KJB+08, KDMH18, KGB+14, Kha18, KCD+17, KBSS93, KFS+17, KMA+18, KSDE16, KN97, KFTE14, KHL+01, KW00, KOR06, KGHA+01, LVJC17, LRGH+05, LSdC+10, Las93, LLC17, LOB+09, LRN+14, LMA08, LEP14, LPPC+10, LGQ99, LAPL+16, LdSN+18, Lin04, LZB96, LZL+22, LB14, LKTS01, LNDH+17, LWGS00, LSM96, LSOM16, LDSV98, Lut15, MWS+15, MBI+10, MTR+10, Mal04, MB07b, MB07a, MGE13, MFB18, MB18, MBP+20, MS06a, MP17, Mar13]. **deep** [MNN10, MSW+13, MRP+17, MBD+17, MLBB14, MM15, MMN10, MBMGK08, MTDK98, MS11, MC15, NMN+17, NRH+06, NWZL23, OGG+15, OBRJ01, OKH+22, ODP+17, OBKA17, OGG+20, PTO+16, PK08, Pap05b, PPM+17, PTD+17, PGC+11, PBG07, PFdSG11, PP13, PL00, PSK00a, PSB14, PFC09, PPFS17, PKZ93, PCB+17, PGK15, PCP+17, PFDD16, PRB+11, PDS+17, PGZ+09, QED+14, ROB+17, RBDO17, RHD+11, RSR+19, RHW04, RMBW07, RRT+17, RDV+09, RSW+13, RvAH10, RE98, RGHN+97, RF99, RS15, RIHGS00, RVGF02, RAF+14a, RAF+14b, RKM23a, RCM+17, Rog00, RSS01, RSdV+09, RVD+10, RWN+08, RMNB08, Row13, RPZ+14, SMA+17, SGPD+14, SLS+09, SBDB09, SI09, SBG05, SBS+00, SSB+17, SvdLM95, SFV+01, SE07, STFL+13, SKD+16, SDT+17, SFV+98, SNPS01, SBHS20, SK07, SRS+15, SSAL+17, SNS+07, SO98, SNB02, SC16, SAW16]. **deep** [SSI19, STD+20, SMB+98, SBM+13, SVKT20, SP00, Sot09, SN04, STR+14, STWW01, SGP+11, SJSI00, SPH+08, SAL95, SNK07, TBC+17, TCM+22, TTW+05, Thi01, Thi98, TH99, Thu06, TMP+13, TKP+20, TY98, UIS+03, VPA+09, VK04, VKGP+11, VMB17, VALM17, VHM17, VSR+10, VFFM13, VGD14, VWTK18, Vri09, Vri13, WSS+08, WTS08, WF13, WXL+23, WB09, WWL02, Wat09, Wea93, WST15, WGST08, WACGH11, WAP+18, WAM+18, WS11, Wil98, Wil08, WTA+18, Wit00, WC02, WL02, WPFB11, WPSB11, WPB11, XSL+17, YCN+10, YBRT17, YLG+18, YERT13, ZBC+13, ZLZ+15, ZJFV15, ZWZ18, ZL23, ŽSN+18, ZdBB+07, vCHM18, BDG+04, BRSB16, JDBP+05, QNL+16, SA15a, CDB94]. **deep-** [HHR+08, LSM96]. **deep-benthic** [HDK08]. **deep-current** [Wea93].

**deep-diving** [SMA+17]. **Deep-learning** [CKY23a, CKY23b]. **deep-ocean** [BKY+17, BMOW09, Dud06, HDW+20]. **Deep-pelagic** [CSGV13, SPH+08]. **Deep-Sea** [AN06, Ano95b, Ano97b, Ano97c, ADGA06, BS06, CC00, CM16a, CBF+16, DTWW21, ENM+16, EWA+03a, GAL+20, HiII+20, LLM+03, MCS+03, MAA+05, PNLFS03, RVJG+05, RSCFT+16, RDC+18a, SSK+07, SMGB03, VSGM03a, WJD+00a, ANS+11, Ano96d, BCE18, BT98, BBB+07, CKFC18, DFA+20, ESL+10, ELG+22a, ELG+22b, GBB+17, GBSL98, HCBL+17, HD17, HIK+08, JTT04, JAP+13, LK98, MA15, MA18a, MA18b, MMDS18, NGF09, PRSS23, RBP+94, Sha01, SS09, SV09, SLM98, Sor99, SC15, VGSV09, WBM+10, AM22a, Ala18, AP22, ALSF+17, BN97, BMS+18, BBL+13, BMD+17, BSS+17, BCN+16, BGOL01, BBE+13, BSJ13, Bor01, BEZ+22, BG10, BBBM04, BE09, BEB11, BM15, BSW+13, BRB+13, CRS+19, CB18, Che13, CP18a, CP22, CM00, CHG15, CHV+15, CAJE15, CBMM15, CG04, CRD+17, CHS17, DCL+09]. **deep-sea** [DCC+13, DRBM97, DZL+17, DDB+17, DCA+98, Dia04, DFD+11, DQC14, DBH+20, ESG+17, EBDL08, EWF+18, FMZ15, FVW08, FB14, FDR+18, Gag04, GTSC08, GSM+08, GBPB+13, GPBV+07, GBO01, HKR+01, HZS00, HC13, HRM+18, IARR01, KBB07, KBK+18, KBG+10, KB15, KWA+20, Kel10, KJB+08, Kha18, KCD+17, KFS+17, KSDE16, KFTE14, KHL+01, KGHA+01, LVJC17, LRGH+05, LOB+09, LRN+14, LEP14, LdSN+18, LZL+22, LB14, LKTS01, LNDH+17, LSOM16, LDSV98, Lut15, MBI+10, Mal04, MB07b, MB07a, MGE13, MFB18, MB18, MBP+20, MS06a, MP17, MNN10, MRP+17, MLBB14, MTDK98, MS11, NMN+17, OGG+15, OBRJ01, OKH+22, ODP+17, PTO+16, PPM+17, PTD+17, PGC+11, PFdSG11, PSB14, PPFS17, PCB+17, PCP+17, PFDD16, PDS+17, PGZ+09, ROB+17, RBDO17, RHD+11, RMBW07, RRT+17, RDV+09, RSW+13, RE98, RIHGS00, RAF+14a]. **deep-sea** [RAF+14b, RKM23a, RSS01, RSdV+09, Row13, RPZ+14, SLS+09, SBDB09, SI09, SBS+00, SSB+17, SE07, STFL+13, SDT+17, SFV+98, SK07, SRS+15, SNS+07, SO98, SC16, SAW16, SSI19, STD+20, SBM+13, Sot09, STR+14, STWW01, SNK07, TBC+17, TMP+13, TY98, VKGP+11, VALM17, VHM17, Vri09, Vri13, WF13, WB09, WACGH11, WAP+18, WAM+18, Wil98, WTA+18, WL02, WPSB11, XSL+17, YLG+18, YERT13, ZBC+13, ZLZ+15, ZJFV15, ZWZ18, BDG+04, SA15a, CDB94]. **deep-seabed** [LLC17]. **Deep-water** [BOC18, Dau18, GC18, HSD04, Ste13, Ala13, AAG19, BM17, BFT10, BW99a, BL04, BSSE16, BWH+17, BBW+15, CP13, CMVS+10, CG15, DMS+10, DRRBC16, Di 10, EP18, HAP03, HWS+07, Lin04, MWS+15, MTR+10, MBD+17, MBMGK08, PBG07, PFC09, RS15, RVD+10, SGPD+14, SAL95, TH99, VSR+10, VFFM13, WTS08, WST15, WGST08, YBRT17]. **deeper** [BPBJ13]. **deepest** [AM15]. **DeepLev** [KWA+20]. **Deeps** [JSWB21, KGB16]. **deepwater** [AM18, AD08, JD08, MB08, ZRC+11, Joy16, LLG+16, PFDD16, SEM16, SAW16, ULTL16, WZL+16, YNG+16, ZA16, ZJA16]. **deepwaters** [ZA16]. **defense** [TTDR13]. **deficiency** [DVS+97, FCG+96, KBSS93]. **deficient**

[DAKR20, FDC+18, GBLS00, PHD+18]. **deficit** [DGP20, SRF09b]. **deficits** [RI05]. **defined** [VGGLB15, ZFA+02]. **Defining** [DHS+14, HYMD11]. **definition** [MCH+13]. **deformation** [GPÇ18, HHW+08, HEW15]. **deglacial** [CKS05]. **deglaciation** [HSS+12, SSR+14]. **degradation** [AZYT16, HCRX16, MGG+09, NCT13, PRC+09, VCSM09, YCT+22]. **degrading** [BCN+16, RPZ+14, YNG+16]. **Degree** [DSK+13, JTDG13, OWD13]. **dehydrogenase** [GQ09]. **deleterious** [PWL07]. **delimitation** [BBT+18, KBK+18]. **Delineating** [BH14, OKY+17]. **Delineation** [VGGLB15]. **delivering** [MBS+13]. **Delmarva** [CWFP94]. **Delphinapterus** [EF98]. **demand** [CBW01, CBA+05, HMC09, HLM+01, MBC+09b]. **Demersal** [BMH08, MRMP09, NHBM10, WPFB11, CJA+06, CSCP13, CLJ+13, FVW08, KBFH14, LCL+22, LAJP13, MDG13, MG13, NSWY20, PKHH17, PDB+20, QSA+09, WBD17]. **demographic** [GWDP11, PDC+21]. **Demography** [CAJE15, HKN+04, KNV+10, PTS01, SKW+04]. **Demospongiae** [KGB+14, SKS+23]. **denaturing** [RSF+99]. **Dendrophyllia** [OGJ+19]. **Dendrophylliidae** [ROC+21]. **Denison** [HGM+11]. **Denitrification** [GBG15, SSR96, CD09, CCK+16, FL02, HBT+08, HWS+13, SWC09]. **denitrifying** [BRM18, GKB+18]. **Dense** [BH94, ABG+20, GOC09, JCP+22, OGC09, PHOM09, SHB02]. **densification** [You10]. **densities** [DLW+17, SN00]. **Density** [FHvFM08, dSG09a, BLB+11, BGB08, BASLK04, BSL08b, CTW+15, CAC+97, EW99, HSBT19, HKN+04, KOM17, KGE+04, LPK+17, LLM+17, NCSB+98, PLD+17, PO15, WC06a, YBC+17, ZFP+16, ZWJ+19]. **Deoxygenation** [WREC18]. **dependence** [SO98]. **dependent** [BMHR08, DVS+14, OLP+20, Pör06, SDL22, STS+15, TCG+18]. **depicted** [PMLM+02]. **Depleted** [CHL+15, SNK07]. **depletion** [BL98, SVS93, TYBY06]. **deployments** [ACD+17, MC06]. **depocenter** [ARK+94]. **deposit** [DBH+20, KME18, MDTS08]. **deposit-feeders** [DBH+20]. **depositing** [OMY+03]. **Deposition** [CG18, DTB+02, CKH+05, CLGM05, DBD03, GRD+08, IGN+10, LKH+07, NVBJ08, PSK00a, SHD+14, SBD05, SZG+13, SKM14a, SLB13a, TMP+19, TBA+02, VKGP+11, VM01, ZEGB97, dSJB+11]. **depositional** [Cha03, DBJ97, GMC97, HMLS+06, KSB+03]. **deposits** [CH07, GPK02, LCK+18, PTD+17, PCB+17, Sch07, TBC+17]. **Depression** [WB03]. **Depth** [CSL+07, DKT+01, LBR+08, ZWL+22, ARB+13, BRJM18, Ber01, BSJ13, BRBD17, CdST+17, CBHF10, CG04, CP05, DBBWH20, FHvFM08, GGRW99, GHIM04, GHG+04, GG02, GARVK04, KCM+14, LG09, LB14, MS09, MHA+15, MWB+09, NDE14, PDB+20, QW15, RPS+11, RLB18b, SLB18, SIFS10, SVS+20, SHW+16, SWMB10, TR02, TLSY11, TCEW07, TMP+13, WEB93, WSB08, WHLR13, Yu03]. **Depth-stratified** [LBR+08]. **depth-wise** [BRJM18]. **depths** [CPF+14, CDDC03, EGMB13, FC09, HTD13, JLL+13, Kam13, NBCT13, PDY20, PRSS23, RJT11, SW09,

SM15, SLM+20, SHM+11, SCPC98, TNT+15, YWI+02]. **derived** [ACBV+18, AZYT16, ATN+12, ASFI02, BS01, BSM01b, BB03, BTRL99, BAH+95, BBA+98, CFGR07, CC15, DGR19, EPPR09, FHYI03, GHB+05, Grü99, HLG+21, HSR+22, KL06, KK20, KMG+20, KLKB95, LMvDA16, LLH+15, LBY+10, MS12, ME02, MSTT07, NBBBT13, OMS06, OE06, Osc01, PG18, PDS+17, SR08a, SSHB03, SP09, SWLL23, SJ00, SP06, VMM+08, WPSB11, BE00, LTG+09, SMLP04]. **Deriving** [LW04]. **Desbruyères** [DCA+98]. **describe** [ZRG16]. **described** [AM15, ADGA01, AGP05, ADG+08, HRS+23, LB98a]. **Description** [BCNS15, MGE13, Ala15, Ala18, BBAL+20, BVL04, BSCE15, BBW+15, CKFC18, CSE+22, CB18, CP18a, CP18b, CPM+18, CBMM15, ELG+22a, ELG+22b, GUSB03, Gol15, GMB18, Gol18, HS98, HDGM19, KB15, KGS23, LC03, MFB18, MB18, Mar18, MM15, MBOvL08, NCK+22, OBH+18, PBB+13, PRSS23, Ste13, SC15, VWTK18, dMGPT+14]. **descriptions** [BBT+18, DAGK+17, GM22, Mal15, MG22]. **desert** [BLS+08, RHL+22]. **design** [CJF+98, DTJ+14, DKC+17, HWP+11, IMG+19, PWL07]. **designs** [PSK+14]. **Desmodora** [MFS+23]. **Desmodoridae** [MFS+23]. **desmosomatid** [BBT+18]. **Desmosomatidae** [Gol15, Gol18]. **despite** [BJF16]. **destination** [KL06]. **destinations** [GMD07, SSB+06]. **detachment** [HTT15]. **detect** [TCEW07, ZKSS06]. **detected** [HEW15, PO15]. **Detecting** [Bae11, KL13, SBH+01, HCRX16]. **Detection** [CLGM05, PBG+10, CC15, ESL+10, FD98, GDD+09, GMCF19, ROBV+18, TAB+16]. **detections** [BCT21]. **determinants** [HLFP08]. **Determination** [MKKF18, ZDW+20, FWC+12, WWN+02]. **determinations** [RJWD01]. **determine** [BLS+97, DBN+11, KCTG16, SAM96]. **determined** [BDO00, BMRTL93, BHBC08, HHKH+04, KMDW01, MF93a, MLS+15, MYN+96, NCSB+98, RJDR06, RVZ02, RFB97, SiSA+02, STWW01, TRM+15, Wat09, WWB04, WvdE00, WvdEP+10]. **determines** [SWK+23]. **Determining** [GRC+03, SJL05, WLT20, GMK+08, VM01]. **deterministic** [FSL+01]. **detrimental** [WTT+20]. **Detrital** [SBG+98, DBH+20, NAT+12, SMCA01, Sch07, WCB98]. **Detritivory** [MSJS08]. **detritus** [ATN+12, Heb00, RBP+94, SSV02, VD98]. **detritus-rich** [VD98]. **develop** [BY09]. **Developing** [AH17, IMG+19, RDW+12, RWR+02]. **Development** [Ano14, BKST13, CLF+09, CFZ+18, KUN10, LWSA08, LTL+23, MWS+15, MGT16, PZL+09, BSK+97, Bol08, BM07, BSH+11, CDP+02, CGD+15, CM01, Dal04, DPK+14, DKP+14, DTJ+14, DCC+01, GGRJD+10, Gou05, HSHM02, IABR+17, KCMA05, MPM+16, MBD+17, MXC15, NLDJ14, PH19, PDK+14, Pee97, RPA07, RFF+02, SSHB03, SFV+98, SPDW19, SSR+14, SMSA05, VPP07, WTS08, WW04a, WGNH15, WNRM08, ZQW19, vdLEM+14]. **developments** [DCA+98, XGF18]. **deviations** [BW99a, SLB13a]. **devices** [LMLC+17, OLP+20]. **devising** [HCJ+22]. **Devonian** [Mas02, Sch07]. **DFADs** [LMLC+17, OLP+20]. **DGGE** [RSF+99]. **diagenesis** [Cha03, HMB+96, MHB+95, PLdL97, PTD+17, PCB+17, TBC+17].

**diagenetic** [FSCC07, GPBV+07, WOM+16]. **diagnose** [RN06]. **diagnosed** [SMS+07]. **Diagnoses** [KM05b]. **diagnostic** [PHH+06, SGB+02]. **diameter** [PFW+09]. **Dianeutral** [You99]. **diapause** [PTWM12, SD06b]. **Diapir** [WMB+13]. **Diapycnal** [MD06, Thu06, MPHF02, SF11, SD22]. **Diatom** [KLD21, LXWC21, RHPC+19, TSOT16, AWL+09, APL+23, ATJ05, AGPR95, ACBMQ08, BNFS01, CWS+23, CCH95, CHR97, CSS+02, FHR+14, FGW02, FAMY20, GPK02, KOS+16, KPPL00, KNB11, MPC99, MZR+95, MGC+14, MGG+09, OTK+05, OSHB07, OTH05, PA95, RMPI+17, SLS+07, SNB02, SKMDR02, SSLA95, SKF+10, TVLB08, TGFP02, TSN+06, TIS+13, VABCR+24, WSL07, WLH+16]. **diatom-bound** [CSS+02]. **Diatoms** [ACQ+08, BLS+08, KT05, OTN16, ASV18, BTV+11, BBB+11b, CLT94, DCF+11, GTTKB14, KT02, MQACB08, OA11, PMS+07, RCW+15, TMC+14, TLK+02, WN01, Yal01]. **diazotrophs** [RLD+15]. **diazotrophy** [HWP+07]. **DIC** [ZQ97]. **Dichromadora** [VVV04b]. **Did** [LSS+11, WZL+16]. **die-off** [WTI+20]. **Diel** [BD02, DN97, DPS+11, GFPM02, HHH01, KMD+99, LS10, LOFC00, MBMM+99, TBT05, YOK+10, YXC+19, AML01, ABC+05, DO96, GGRW99, HA10, KL03, MHS01, SW01, TLKT00, WCRG95, WZZ+19, ZD97]. **Diet** [DBMI17, RKM23a, WBD17, WPSB11, ASF+12, BTC13, BOKA16, BBB+01, CTW+20, CCC+23, FHAH16, GBH+17, JH04, KBSS93, LTS+13, LLW01, MMID17, MPF+17, MZH16, PSS+16, PCP+17, RDBP14, RHM13, SRFR07, WAN+15, WPFB11, YKO15]. **Dietary** [BOB20, KY17, SLLT10, TCEW07]. **Diets** [HBJ02, PKHH17, BTR20, CMH09, DSG+09b, GFS15, GBP21, JZX10, MPJ+13, RMD+12, SJST13, WGST08]. **differ** [CD20, LCL+09, SCD+22]. **Differences** [BLH05, NDG96, PRMM+17, SLB+15, APMN+17, BE00, CL06, FLM10, FGW02, FBBW+10, HCG+09, KWW+12, OMAA18, PABH07, SLP+17, TPW07, WL20]. **different** [AGGdC14, CBNR+09, CRNP06, DB02, FKW01, HSO04, HSC+07, IUdV+12, JBS+10, KCD+17, LYN+13, MSF+22, NVBJ08, NED09, Pee97, Pro09, RDP+02, RAC+20, RCKCK07, RNP93, SLM+20, SHY+08, SLB+16, TMH+08, TGA+09, TNT+15, WZB+14, ZJH08]. **Differential** [BFM+14, ODCP98, Hol06, TLKT00]. **Differentiated** [GLCU+17]. **differentiation** [ASMM11, RLB18b]. **differing** [IBD10, JTW00]. **diffuse** [MTB09, MS18, MSNL09, NLSL09]. **diffusion** [Hol06, MPM+16, SF11, Sva96]. **diffusive** [DRBM97, FKW01, GRSW00]. **diffusivity** [DM16a]. **dilution** [HKSV11, LSS+11]. **dimensional** [Bas19, CDP+02, CWD+10, DFMW13, DW15b, DP02, DGN96, DBC+02, FNYK02, GSK02, GWP+98a, GFW07, GGSC03, HKMS03, KB99, KKUK10, SOW01, TMC04, WC06a, YLH+10, ZLOR02]. **Dimethyl** [BAR+02, AGN+02, TNBL95]. **Dimethylsulfide** [BTB+08, BML+06, GMK+08, TLP+12]. **dimethylsulfoniopropionate** [OFD+22]. **Dimethylsulphide** [JFK+10, BMML06, BABB08, BLdM+02, Hat02b, SGA97]. **dimethylsulphoniopropionate** [ASN+02, AGN+02, ASH+11, BLdM+02, JFK+10, MBK97, SGA97, TNBL95].

**Dimethylsulphoxide** [HTML98, BLdM+02, SGA97]. **DIN** [HWS+13]. **Dinitrogen** [SKGD14]. **Dinoflagellate** [RBCG10, SAG+10, Zon97, ADE22, BFG+10, BFK+14, DLG+14, DPS+14, FRBB10, KCA05, OM14, OT10, PTD+14, SAKP+22, TBT05, TMTR14, ZB00]. **dinoflagellates** [BFF+10, FGB10, GTTKB14, VSS+93, WZ14, Yal01]. **Dinophyceae** [GKQ+05, TFR+10]. **Dinophysis** [dSVC+14, FVSRR14, VSGGPR14]. **dioxide** [ÁRR02, Ano96g, BDB97, BMK96, CCW+08, CMW+05, COJ+09, Dan95, FdBGP11, FCA04, GCS+12, HNRGL06, Met09, MDO+98, PDE+16, RPF01, RW95, SCGDL02, SCGDU09, TNIW02, WTL+06]. **diphenyl** [CHW+12]. **Dipole** [FM03b, MV19, RBMY02, RTM14, RNR20, TPW07, VHT+20, VIY02, BHHM+12]. **Direct** [BHAL13, FKH13, HO99, PBGCD+13, vHHH+11, BL06, NR00, RG13, SSY+05, SJM02]. **direction** [EBG+11]. **directions** [ASBR17, BMR+14, LWWF18]. **disaster** [ULTL16]. **discarded** [BSSE16, KSDE16]. **discharge** [AIW03, BS21, GOC09, NGF09, OGC09, PFC09, SCL+04, SLS+09, SEM16, ZG15]. **Discharges** [AAW+16, OCP18, PFAZL09, VPA+09]. **disciplinary** [BG09b]. **DISCO** [BAR+02]. **DISCOL** [TSA+01]. **discordance** [MGK19]. **Discospirina** [GAJ+13]. **discovered** [MCH+13, SDGH14]. **discoveries** [BOC18]. **Discovery** [FYS+17, AGW+13, XSL+17, TWA+12, MAH+12]. **Discrete** [SRBR05, RLVF02, SHM+11, TRM+15, ZJFV15]. **discrimination** [BWWG98, BGMH01]. **discussion** [AM22b]. **disequilibria** [CCZ+21, VMGO+09]. **disequilibrium** [ACH02, MES97, SKC99, TTLP06, VMM+08]. **disjuncta** [GK16]. **dispersal** [BW93, BY09, CRP+05, HMSMK04, MS06b, TY98, VALW23]. **dispersant** [DRRBC16, PPS+16]. **dispersants** [SKD+16]. **dispersion** [ABS+14, Ben13, DL01, MC06, MRLL01]. **displacement** [You10]. **displaying** [BB04]. **disposal** [BMOW09, GK16, JBD+09, SC16]. **disposed** [EFR+16, KCTG16, TD16]. **Disseta** [MN10]. **dissimilarity** [KMD+11]. **dissipation** [Fer06, HLNO96, MW05a, SBB+05]. **dissipative** [SN04]. **Dissolution** [And00, MHB+95, BJF16, Che02, GRD+08, KBV+97, MS06a, Rai11, SBL+07, VQ97a, VQ97b, WSL07]. **Dissolution-affected** [And00]. **dissolution-generated** [Che02]. **Dissolved** [AIW03, CD95, CHN+10, CMB+97, DÁSCP02, GGM+16, KBLA97, KNK15, KLM+11, LRGH+05, LMM+17, MV01, MHFM15, MvSdBL11, MdBL+11, PCB+00, PBNF+16, PSF+07, SdS01, SvdMC+16, SBD05, SGA97, VCR02, WDC+15, ZLJ08, ARC02, BC11, BBH05, BDW+98, BA10, BWD20, BDO00, BCG04, BL96, BSL08a, BSS15, CFJL96, CHPS00, CZVR02, CW97, CBS11, DB05, DC00, FL02, FCW+15, GWZ16, GBL+08, GLSK+17, GGO+14, GMC+12, GCN+97, HMW+15, HVN02, HCRX16, HCG+03, HWC07, HLM+01, KAI21, KMSM11, KMD+01, KTF07, KLČ+19, LBR+11, LGC+12, LFC16, LSC02, MMS+16, MDB98, MHB05, MORB+15, MGS+10, MBS+13, MCJ+99, MBTM97, MC13, MLS+15, NOT+09, NESB+15, NTS+11, OUK03, OENB01, PW15, PDE+16, RT14, RZL+10, RGS+97, RSB+15, SSUB15, SGD+03, TGK+11, TA01, VvdLS11, VAK+09, WPG+07, WKM+07a,

WRZ+19, WWH97, WWC+19, WYW+02, WWN+02]. **dissolved** [WSLC15, YCN+10, YET06, YOI+09, ZZY+19, ZWQ+19, ZFA+02, vdMLB+11, LCE+23]. **dissolved-particulate** [RSB+15]. **Dissostichus** [SHC+22]. **distal** [BSS+17, CRD+17]. **distance** [RLB18b, SLM+20]. **distance-to-coast** [SLM+20]. **distances** [HPS+13]. **Distinct** [DAN23, CDM23, IUdV+12, KGB+11, LRN+14]. **distinction** [Car07]. **Distinctive** [KAHS20]. **Distinctiveness** [BH08]. **distinguished** [BLS05, YFY+10]. **distinguishes** [CDM23]. **Distributed** [CGG+19, GMCF19, KCO+19, SBB+19, KGB+14, MK19]. **Distribution** [AAG06, AD08, APT11, ABC+05, ASV18, ADGA01, ASFI02, ARW+04, ADG+08, BLB+11, BMH08, BDM+03, BSL08a, BCH+11, BTC13, BSSE16, CHW+12, CPF+14, CHT+13, CDA98, CBS+01, CCC+23, CAGLV+06, CHSVB+19, DC12, DB97a, DONF08, DGB+98, EGMB13, ERB+99, FHT+14, GKQ+05, HSS+18, HML99, HK07, HP08, HK10, HSY08, HRM+11, HZWW16, JLK03, KRW03, KM98, KT02, KIM08, KTF07, KSS+00b, LGP+03, LB18, LHZ+16, LWB+20, LW10, LMF+21, LLM+02, LLM+03, MS06a, MC09, MEB+23, MHA+01, MBM+00, MBTM97, MTM+13, MZH16, MHM+14, NTH10, NEN+07, NCSB+98, OMG+11, OUK03, OGBF08, PS04a, PMJW10, PPZ93, PNH+00, PC08, PGPP+13, PFG+03, PNC+06, PHKW10, RCM+17, SRS+20, SVJRSON04, SvdLM95, SCD14, SSV02, SSW05, TGA+09, TDvdE+10, TSSR20, TIS+13, VJP+10, VGBGPA02, VLR+02, VHC+17, WCC05, WPJW96]. **Distribution** [Yal01, YET06, ZZY+19, vdLCS+11, ALWW04, AWL+09, Ala13, Ala22, ACG+01, AKK+14, AJG+10, ATLD+20, Ano97b, ALR+14, ADGA05, ADGA06, ACG+17, AGD96, AAL+17, BDL+22, BGIJ+06, BJK+22, BMC99, BLSW05, BHMC05, BBH05, BSS+17, BBM+08, BWS+98, BvGH+17, BFT+97, BPM18, Bla94, BBR+18, BSRB17, BLdM+02, BWC+02, BHS+17, BCB07, BMK09, BFS+17, BJ15, BBB+01, CAMA+02, CBNR+09, CTW+15, CFL+99, CRDP02, CRNP06, CSM13b, CRF04, CHPF10, CWS05, CBSS02, CHN+18, CSF+12, CSG+13, CSS+10, CMTS97, CP02, CP05, CBK+07, CHH19, CBK+22, CRBK03, CHR97, CBPT05, CAÖT04, CBS11, CRI18, DEJ08, Dau18, DSN+10, DDAH+14, DTWF17, DZL+17, DWM+15, DMC+01, DRVVS+14, DRR17, DLL+15, DBL+19, DG18, DC06, EZB+20, EEAA+19, EEAC+20, ESK+23, EWA+03a, EWA+03b, EPPR09, ETD+11, FPB+14, FLTV04]. **distribution** [FLTCV10, FVW08, FMO02, FWC+12, FSK+02, FUGG+09, FCBD08, FWZM12, FZW+13, GGF+08, GRWW01, GZGH22, GASGB+14, GGAMV+23, GCR+02, GWR93, GR10, GBPB+13, GGTMG+10, GRSW00, GSB+03, GWP+98b, GKBG17, GLMB18, GBVG+02, GOP+01, HZL+12, HMH+02, HPY+15, HCWH00, HHNK+04, HHKH+04, HWTN22, Hug14, HNCW23, HPM02, HRK14, JB01, JM15, JT07, JKK+10, JAP+13, Kam13, Kam15, KOM17, KFG+03, KMSM11, KSL+04, KNV+10, KBSS93, Kla97, KMK+20, KMKA20, KFK06, KOT+20, KEPZ93, KH10, KL13, KRLH14, LCVV06, LCD+24, LPA+17, LAB+17, LWA+04, LWSA08, LWAS08, LQF+02, LDHO+14, LAP+17, LL00, LGC+12, Lin04, LL14, LS10, LTL+23,

LRDS18, LBM+20, LFC16, LDD+97, LCR+96, LLT+00, MTGY05, MBG18, MGHN01, MMY+20, MCK+19, MRRG23, MB15, MFB18, MDTS11a, MAN+20, MPH+05, Mar13, MS99, MLS01, MNN10]. **distribution** [MA05, MBMM+99, MGJ+18, MHPS19, MV99, MAB+01, MBK97, MNB02, MDH16, MOA+18, MGGTM19, MB08, MTWH04, NP03, NB10, NMC+07, NM18, NED09, NMWH19, NPA+22, OM98, OB22b, OPV11, OT10, OJK+10, OGJ+19, OLP+20, PBS06, PHS17a, PPM+17, PP95, PTS01, PMF+17, PRORSV+19, PDA+17, PLA+17, PGM+15, PBN10, PE17, PBD+02, PdBK+03, PVT+21, PZT+19, QB02, QSA+09, RLD+15, RRT+17, RMA+20, RSWG04, RBP+05, RMCAR06, ROL+15, RSB+15, RNP93, RQM+08, SMA+17, SVAGRCS04, SKC99, SL06, SWZA02, SH99b, SBD05, SSUB15, SLM+20, SRF95, SKW+04, SRF09b, SKMDR02, SMV+13, SWBKK10, SFH+18, SJST13, SWH08, SGM+02, SHY+08, SB05, SN00, SHKW05, TCG00, TNT+15, TMGLM19, TLP+12, THT11, TKF16, TKP+20, TSB+14, TNBL95, UPS04, UGSK+20, Uys06, VAM97, VSS+93, VVV04b, VSR+10]. **distribution** [VGD14, WHF+19, WC24, WZZ+19, WLZ+19, Wat09, WGR+95, WMS+96, WAL+11, WSFB02, WACGH11, WS11, WCS07, Wit00, WYW+02, WTL+06, WYIT13, WW04b, XAY+11, YWI+02, YTF02, YCA+20, YZZ+16, YSMW05, YBRT17, YBC+17, YSHS08, YS01, ZHD+08, ZFP+16, ZWM12, ZNPR09, ZWL+22, ZRC+11, Zon97, dCHdOF+18, dSG09a]. **Distributional** [KCL20, SE07]. **Distributions** [BDW+98, BWH+17, CMB02, GCS+12, GMLB99, HCL+22, HCG+03, IAA96, LBR+11, VAK+09, WCL+15a, AST+05, AS02a, Ano96f, BMCF97, BC05, BTR95, BDW+96, BO96, CAS+97, CSL+07, CLQ+18, CHL+95, CMB12, DCN+02, DK96, DÁSCP02, Duc93, EAF+17, FWC+95, FWG+97, FGH+13b, GDE+96, GGRW99, GGRW98, HMW+15, HLS+02, HBC+12, HWC07, ISB+11, JML08, JLL+15, KRGT14, Kos01, LKC96, Lar04, LSM+06b, LDG+23, LL95, LH08, LSWH07, MAH+12, MRB+14, MDH08, MDTS11b, MHTZ19, MSV+17, MYE+02, MS18, Mun14, Mun16, PSHF+13, PSUH+16, PC98, PBNF+16, QW15, RR96, RSB+17, RQRVM10, RYT01, SMY+98, SHGB95, SvdMC+16, SLT+11, SAM+13, SSDA13, SMS+08, SBA18, SCPP05, TLSY11, TBT05, TAB+05, VvdLS11, VM01, WYPY06, WOU06, WR01, WSL+11, YOK+10, YZZ+19, YSBH06, ZNM+02, dBC+09]. **Disturbance** [BBAL+20, PGC+11, AS01a, AFC+17, Blu01, BJSH14, BT98, CTT09, GIPLL+14, IARR01, RBA+01, RSN01, SNPS01, YLG+18, BBS+20]. **disturbances** [KGHA+01]. **disturbed** [Bor01, Kos01, VT01]. **Diurnal** [FCA04, RWL+93, TS93, ZHY+13, ZLW+19, ALWW04, HF21, JR15, LT16, LPPK14, SSC+23]. **Dive** [RSH10, BHB+07, CFGR07, KFS+17, TCEW07]. **divergence** [LBD+02, TdFAL19]. **divergens** [YBC+17]. **divergent** [Ben13]. **diverse** [BHSJ16, DFJ18, DSYH09, RMBW07, SPS+09, TPW+16]. **diversification** [OPDM11]. **diversities** [KFS+17]. **Diversity** [BRM18, BBBM04, CBNR+09, ESG+17, FHR+14, Gag04, GBPB+13, JJVH18, JT07, JSSW14, KFK06, KH10, LS18, MB07b, MFB18, MLBB14,

MTDK98, MFM+18, OPDM11, SH11a, SWMB10, WABW02, WS11, BFA+08, BPPJ15, BRP+13, BSW+13, BOJ+10, CSM13b, CP18b, CCK+16, CBHF10, CG04, CNM17, DCL+09, DCC+13, DKT+01, DHGO23, DVS+14, DLB+11, EBGCL08, Gol15, Gol18, GKB+18, GLSK+17, GBSL98, GBLS00, GRB+17, HNS+11, HEV+10, IBK+11, JBOH10, KOM17, KY17, KSM+11, KSS+00b, LTG+09, LBSB+17, LG98, LCL+22, LLM+17, MS09, MNN10, MCD+09, MMN10, NMN+17, NKA+11, OvdRvA+22, OB22a, OJK+10, OBH+18, OBKA17, PGC+11, PC98, PSAY20, RHL+22, RDV+09, SCD14, SBB+11, SBE+07, SBP13, SAW16, SJST13, Thi98, TBPS22, VVM+12, VALM17, Vri09, WSSN10, WAP+18, Wil98, Wil08, WYIT13, dSG09a]. **Diversity** [SJD+11]. **dives** [DFMW13, FMWD07, HCBL+17, RSH10]. **Dividing** [PAR+08]. **Diving** [WHLR13, BCE+07, BHBC08, GBC+13, RAT+13, RCM+17, RCKCK07, SMA+17, TMH+08, YKN07]. **Division** [KNV+10, NMR10, FVSRR14, HCWH00]. **DMS** [BMML06, BBM+08, DNM+16, LSM+06b, MLS+06, NHS+09, TLP+12, WB01, ZFA+02]. **DMSO** [Hat02a]. **DMSP** [SMGB03, ASH+11, BBM+08, DNM+16, Hat02a, LSM+06b, LLK+09, MLS+06, MBK97, OFD+22, SMGB02, ZFA+02]. **DNA** [ANL13, BFK+14, BHK+10, BOJ+10, CTW+20, EP18, HNS+11, JBOH10, LEP14, LCL+22, NLY+13, OBPY10, PFdSG11, PDY20, WBCB06]. **DNA-based** [ANL13, CTW+20]. **Do** [Ano05e, BCBB12, BU05, GFCS04, SMH+06, BY09, RLGG07, RCKCK07, SLDL93, XZM+23]. **DOC** [LCE+23, Avr02, BDWG02, LRGH+05, ME02, SNS10, VS10]. **dockside** [DCD+14]. **documentation** [FSG02]. **Documenting** [FNS20, GLK+06a]. **Does** [BBR+18, HPS+13, PWR05, SLD+13, LLD+17, LPD+17, SFR+06, WTT+20]. **Dolichobdella** [UC13]. **dolomite** [WOM+16]. **dolphin** [PWL07, PJLO+17, RAT+13]. **dolphinfish** [BHS+17, TMGLM19]. **dolphins** [CV17, DONF08, KG20]. **DOM** [NTS+11]. **domain** [KBL01, MDK+01, HSSN08, Mac08, MSMS08]. **domains** [DSW20, FWZM12, FZW+13, MSGO18]. **domal** [GTB15]. **dome** [CS19, LPJ+19]. **Dominance** [CdST+17, MBP+20, MTD+18]. **dominant** [BT03, EGMB13, Gol18, MWK+20, RQM+08, SKMDR02, TSP+18]. **dominate** [DBR22]. **dominated** [BG94, BSCR11, LRR+04, LDSV98, PTD+17, PCB+17, TBC+17, WTZ02]. **dominating** [ELG+22a, ELG+22b]. **Donald** [Goe02]. **Doppler** [BMM+99, HVBO08]. **dormancy** [ODCP98]. **dormant** [JPC06]. **dorvilleid** [LZM+13]. **Dorvilleidae** [AP22, VHM17]. **doses** [CWWB04]. **Dosidicus** [FEB+13, NA13, Sei13, SFMG13, SGFP13, TS13]. **Dotson** [MLW+16]. **dovekies** [KH02]. **DOVETAIL** [MH02]. **down** [EMG+15, HPS+11, LWO+09, NGS+15, SFZ+13, YWI+02]. **downscaled** [PCH+22]. **downscaling** [CHH+21, HKC+21]. **downstream** [JBVW12]. **Downward** [GHIM04, ZD97, CCP+18, HdMR+99, IOK03, KSU+08, LSdC+10, PIP+02, RSR+00, TMP+19, TRWB99]. **Dr** [RAB+17]. **Dr.** [Ano06a, HWWM19, HBC+22, MLB+10, MTD+09]. **draft** [HVBO08]. **Drag**

[JS14]. **Drake** [FGH+13b, vdLCS+11, BPRS11, BCH+19, ECD+17, FGH+13a, GARVK04, HMS+13, HSH+13, JCM+13, MRB+14, MBS+13, MLS+15, PRB+11, RPS+11, SAM+13, SGP+11, VvdLS11, ZZM+13]. **drawdown** [BWL01, DVPR06]. **dredged** [BMOW09]. **Drift** [HB03, TLW+94, CMK+18, GMCR18, HHW+08, HSH+08, Hen19, JWS01, KHL+15]. **Drifter** [BLO04, HRT14, MC06, STP+16]. **drifters** [AL98, BTRL99, DBG+16, HRSJ23, KLM13, NLHB01, Ric05, SLP+09]. **Drifting** [SSH+11, ETDB11, HKSV11, HSM11, HP08, KRS+11, LRH+11, LMLC+17, MRE+11, MYN+96, OLP+20, PFW+09, RVS11, REWH11, SLS+07, SRH+11, SRB+11, SHM+11, SSS+11, Smi11, VSC+11]. **drill** [JBJ17, JBD+09]. **Drilling** [Ano07d, CTT09, DPK+14, DKP+14, GBB+17, NLDJ14, NGF09, PDK+14, PFC09, PSP+09, PFAZL09, SLS+09, TZ09]. **drive** [LLD+17, LPD+17]. **driven** [BMRP02, DBD03, KL13, LLR+06, LG09, LDG+23, LWSZ13, LPM+19, LAT+18, MBNB+08, MSF+22, NR00, OUJ+19, RG93, SDT+17, WCL22, ZPG14]. **Drivers** [ADRS19, JRJ+22, AZK+20, AAL+17, CD20, CS20, DCC+13, DCSV19, EFR+19, GDAMS19, KCMT+20, LRDS18, SLdB+15, SNFK20, SFH+18]. **driving** [MSM+02, PPA10]. **droplet** [LAPL+16]. **Drygalski** [VT09]. **DSi** [RdGM+09]. **DSV** [RSH10]. **dual** [SHL+11]. **dual-tracer** [SHL+11]. **due** [CV17, EGG+05, EBDL08, JZ01, MLP+10, SMB03, WSP19]. **dump** [KPPL00]. **dumped** [BKS+16, EB16]. **dumping** [KGB16]. **dumpsites** [BSE+16]. **duration** [ROC+21, SD06b]. **during** [AST+05, APL+23, ATJ05, Ald95, ÁRR02, AAMF+02, ACFS02, Ano95b, AKK+17, ANI09, ASN+02, AGN+02, ABS+14, ADAM02, ASFI02, ARW+04, AGP05, ACG+17, BSM01a, BSMV03, BCI02, BCH+96, BRG+19, BDB97, BSL+96, BMB+01, BMGF93, BMCF97, BPRS11, BBL+13, BC03, BLO04, Bec97, BS01, BTR95, BDM+03, BSL08a, BCH+11, BCDV02, BA02, BZMC20, BMF+01, BGDT11, BLO+17, BRSlW95, BGH99, BA01, BGS+08, BND+04, BRPI02, BY09, BLB+99, BL01b, BLC+02, BMT20, BAH+95, CAMA+02, CRD01, CAS+16, CW22, COS+16, CTBNL08, CD99, CRDP02, CRF04, CAFK03a, CRP+05, CMG+12, CLSS15, CWB02, CP22, CMAO+12, CGR+96, CWEHT22, CDA98, CFKS05, CFS09, CRM+16, CBJ+23, CCC+23, CSS+22a, CPEN08, CMRL11, DMJ93, DD95, DNM+16, DRD06, DPS+14, DSO+97, DKN+97, DC00, DCM+99, DB97a, DDL06, DSN+20, DO01, DOB+01, DLL+15, DZ08, DSvR+18]. **during** [DTP+05, DI00, Dri09, DKQ+93, DQC95, DC06, EBS99, EBB+08, EHK09, EWA+03a, EWA+03b, FPLB+08, FLTV04, FLM10, FHAH16, FLTV97, FWC+95, FWG+97, FMO02, FWP+07, Fig02, FSP+16, Fir96, FK98, FSK+05, FS02, FG97, FMH+02, GMK+08, GBH+01, GSMB01, GEP+16, GCR+02, GWR93, GGH98, GG93, GSB+23, GdRGH+14, GGLP02, GHIM04, GBC+05, GHM+12, GJC98, Gra09, GBI10, GCB04, GMMS05, HNW+08, Had11, HdVGHM02, HBSL01, HS96, HOD+09, HSS+12, HVWH09, HTS+09, HDD+11, HMS+13, HMW+15, HML99, HZL+12, HMH+02, HAGW+13, HMAW11, HKN+04, HAP03, HDCM95, HKP10, HSK+00, HHP04, HXC+22, Hus16, HKY+16, IGN+10, IOTS16, IF95,

IHSS+10, IHI+97, ITMG18, IPH+17, Jac95b, JLR+13, JWS01, JR04, JFK+10, JTDG13, Joy16, JH04, KF95, KBLA97, KB99, KJL+17, KGE+04, KSH+09, KWN+09, KT05, KRF01, Kem94, KFF+94]. **during** [KSH12, KMM+08, KYI10a, KYI10b, KYKJ16, KUN10, KT02, KIM08, KLD21, KDG+97, KC04, KNC+09, KCL20, KRG+01, KHE+11, KND+08, LWO+09, LUV99, LDV+02, LBL08, LCK95, LBC+98, LCvdM+16, LB98a, LJHAA19, LCS+06, LSS+11, LMG93, LSM+06b, LTW+11, LDHI93, LL95, LDGH16, LCL+98, LLK+09, LDFS93, LAF+02, LBB+06, LLK05, LSS+07, LAT+18, MGHN01, MGR+03a, MBHP99, MB15, MMHB98, MSF+22, MT15, MSK+06, MJW+06, MSJ+06, MFG+93, MPH+05, MDSA19, MWK+20, MGNB96, MGN99, McP08, MJG+13, MNG+11, MGH+16, MAB+01, MLS+06, MBK97, MSS15, MAA+04, MAA+05, MSH+07, MHP+07, MGG+09, MCG+98, MCS+99, MGC+01, MMG98, NOT+09, NKF+10, NMK+20, NMW+09, NKD+08, NKK+00, NLS+10, NTH10, NTK+09, NKB95, NED09, OVKN11, OCL+08, ONSSVGR04, OE06, OYM+13, OTA+05, OTOH05, OSCS00, OTH05, OT12, PAM+04, PF04a]. **during** [PF04b, PIP+02, PLRV22, PPRL02, PWD+11, PDA+20, PMJW10, PPZ93, PNH+00, PAVGBG02, Pee97, PHS+11a, PMLM+02, PTD+14, PCY+13, PWJF20, PFW+20, PSS+16, PCAS05, PPF+15, PJ99, PPL+07, PSP+09, PS05, PLHMA06, PP20, Qua97, QTPS97, QB02, RR96, RSR05, RA98, RGH+24, RWR+02, RMD+12, RBP+05, RCF+08, RLPF07, RSF+99, RWRS08, RHB+95, RMC+93, RlBW99, RWZ+02, RMPI+17, RDG+95, RFB97, SLC+20, SCM+02, STN+06, STN+09, SRS+20, SIA+05, SMB+93, Sam01, SMZ+08, SVJRSON04, SVAGRCS04, SCGDU09, SPSM23, SVC+08, SD06a, STF09, SF10, STJ+08, SvdMC+16, SMS01, SSHM+08, SRY04, SBBP+15, Sco05, SSUB15, SLMP07, SLA+01, SRC98, SOS01, SZH+04, SNPS01, SSW05, SSR13, SMP+15, SMBM00, SGJ+20, SKW+04, SVS93, SSE+14, SC16, SZV+19, SDB+97, SSLA95, SHL+11, SMH+11, SWH08, SDMS06, SBE+99]. **during** [Ste13, SWLW11, SBA18, SLP+17, SFB16, SNW08, SKF+10, SKMS08, SLB13b, SMLS02, SSI+09, SKH10b, TYBY06, TBEW99, TCG00, TFR+10, TLK+02, TPS+15, TA01, TBB+08, TSN+06, TDKA05, UWvdE+16, VJP+10, VPK+19, VSS+93, VNBW18, VPS97, VMF+16, WLP+09, WAPL95, WH98, WSE+16, WKM+07a, WCMB06, WT14, WL20, WLY+22, WFA+95, WGB+04, WO99, WGR+95, WSLP10, WJR+16, Wei99, WBJ+98, WFR+02, WPJW96, WPAP01, WZW+95, WPW95, WABW02, WLD+06, Wir94, WRBS10, WWN+02, WTL+06, WJS+06, WLC99, WMA11, WSL+11, Yal01, YOK+10, YOO+10, YK16, YNG+16, YMC+22, YCA+20, YZZ+16, YOI+09, YKJ+15, Zel01, ZDWR95, ZZZ+16, ZZP04, ZA16, ZDBG05, ZG15, dBC+09, dSEDW11, dSSB+01, vAvVV+03, vC97, vGTG+00, vHHH+11, vdLCS+11, vdMLB+11]. **dust** [DLF+09b, GMC97, HZK+05, PMLM+02, SBD05, TP99, TPGCCS+02, VM01]. **dweller** [DCA+98]. **dwelling** [BMS+18, DSD12, JAP+13]. **DWH** [HSB+16, QNL+16, YSWJ16]. **DYFAMED** [Avr02, BGG+09, GG02, Mar02, MCPA02, MC02, BCM02, CMB02].

**DYFAMED-BENTHOS** [GG02]. **DynaLiFe** [AA12]. **Dynamic** [JBVW12, NESB+15, RHL+22, AA12, AM07, BLH05, CWE+17, DDS11, GGC19, HYMD11, KG20, LBB11, NSH+10, TWA+12, TCG+18, WZW+22]. **Dynamical** [Gol93, CHH+21]. **Dynamically** [PCH+22, HKC+21]. **Dynamics** [ASN+02, BCO+96, BLB+02, CH19, GTTKB14, GSF+19, GSF+20, HWCT04, KIY+05, MWB+09, NMK+20, PTP09, PWJF20, SNIT02, TŠŠ+19, TFR+10, UWTS09, WBML06, XGL15, YOI+09, YH10, APMN+17, ADRS19, ASK+05, AJG+10, AMP+03, Avr02, BSG+11, BS03, BH19a, BTFB12, BMG+04, BGG+09, BH99b, BFF+10, Bre93, BM07, BFK+14, BLB+99, BLC+02, BTUV08, BNFS01, BBD+03, BAD+14, CDS96, CHPS00, CSH+13, CPH01, DD95, DHW98, Di 03, DLL+15, DK96, DQC14, DWJ+15, DOC01, DLB02, DKQ+93, DQC95, ESAG10, EMW+08, FMS08, FHYI03, GOD+01, GLF+03, GMM+20, GGM+16, HT01, HTTS12, HVWH09, HCAK17, HWCT08, HH05, HCRX16, HAM+15, HZL94, HBO11, JCF+06a, JCF+06b, JLR+13, JMM+13, KTP+20a, KTP+20b, KMMS18, KYI10b, KMO09, KND+08, LSB+02, LBR+08, LSM+06b, LPM+19, LTS+97, LH15, LL13, LPPK14, MTGY05, MBNB+08, MPV+11, MLH14]. **dynamics** [MCPA02, MGN99, MLG+02, MLS+06, MWT+17, MMJ+03, MWFS17, NMH+06, NKD+08, NCE+23, NKB95, OC00, OPB15, PF04a, PF04b, PLRV22, PLT+13, PVK+20, PWH05, PPT+10, PLPS98, PPL+07, PABH07, PMG+22, QTPS97, RTB02, ROPB03, RGH+24, RLVF02, RBN+08, RG93, SRHP23, STK02, STN+06, SNS10, SVB+19, SF10, SVR+00, SH99a, SLA+01, SLT+11, SLHS20, SPEPS18, Sig17, SDMC03, SBC17, SGD14b, SAM+12, SGP+02, SKF+10, TSZ10, TAB+02, TKF07, UKM16, VPA+20, VJF23, VS10, VSC+11, VSR+00, WAPL95, WMW+20, WGR+97, WCC05, WT12, WTZ02, WZ03, WJS+06, WTWC07, WPL+15, WC09, WSP19, WZ14, YK05, Ynd09, ZCG+12, ZS19, vGTG+00, vWDB+01].

**E-** [PMJW10]. **E-80$^o$** [SKH10b]. **E-Flux** [BNM08, KND+08, NKD+08]. **E-Weddell** [JR11]. **E.** [SLC+15]. **Early** [ASMH08, DM16b, DSC+19, GP16, HMB+96, MHB+95, PLdL97, PTD+17, PCB+17, SBZ+03, SAVP12, SDB+19, TBC+17, WWB04, ADAM02, BGIJ+06, Bec97, BTR95, BZS+16, DDAH+14, DSO+97, DKN+97, EGL+16, FSCC07, FWP+07, FWM+11, HHW+08, HiII+19, HiII+20, HPH+16, JGM09, KKT16, LWO+09, McP08, MDH16, OVKN11, OG11, OB22b, OSHB07, PMM+16, Row13, RGIH+06, SRS+20, SZV+19, SSDA13, SSR+14, SWH08, SMLS02, UKJ+20, WLC99, ZA16]. **early-diagenetic** [FSCC07]. **earth** [CVA+13, FSCC07, HOD+09, Pal19, PPR07, ZLJ08, BHHM+12]. **earthquakes** [GPÇ18]. **EASIZ** [CA06b]. **East** [Ano14, ADGA06, DBDT03, EBG+11, GZGH22, GAHD+17, HZZ10, LXWC21, LSC02, MBS05, PBO+11, PDBH03, PDY20, Sco05, SSK+05, SSK+07, VSGM03a, WYW+02, YKSI19, YH10, ZBC+13, ZGGF22, ADE22, BW04, CW22, CWFP94, EHL02, FKH05, Gol15, HHMF11, KWH+05, LWSZ13, MLH+22, NLDJ14, NHD11, OB22a, OB22b, PLL+06, PBN10, SRHP23,

SZV+19, TBW+11, AIW03, ADGA05, BSL11, CSGC03a, CLC+03, CC03, CSGC03b, CLL+03, CCC+03, CMC11, DLG+14, DBD03, DBL+05, FPHH+09, FB05, FHYI03, GWZ16, GR10, GWWL03, GKB19, GMC+12, GZZC10, HCL+22, HB03, HBBD03, HDD+11, HLZY10, HMAW11, HSR+16, HZK+05, HZK04, HH05, HGM+11, HTM+03, HSK+00, HZN+16, HZWW16, HLL+09, HCG+03, IOK03, JKK+10, JSM+16, JCP17, JKP+17, JFK+10, JSP+17, JRK+17, KIIW03, KM05b, KJL+17, KLL03, KFJ+05, KKK+17, KHL+17, KHH+17, LT16, LC03, LN05, aLCS15, LKLK17, LJL+17, LAP+17, LZC+16]. **East** [LWL+16, LHZ+16, LPSS03, LCL+10, MDJS11, MW99, MNG+11, MGH+16, MW05b, MS12, MSNL09, MMG98, NLSL09, NMW+09, NPBS00, NKK+00, NVK+04, NCR+08, OVKN11, OUK03, OMY+03, OT03, PW05, PK13, PKHH17, PNH+00, PDT+10, PRJW05, PZL+09, RZL+10, RZS+16, RJ05, RCM+17, RCF+16, SMV+03, SvdMC+16, SHD+14, SSY+05, SLS+10, SFV+98, SGC03, SHH03, SVKT20, SLZ+16, SHW+16, SGW+00, Sum19, SYB+11, SRS11, STS11, Tan03, TSZ10, TMT+11, TML+16, TKF16, TIKS03, UWvdE+16, VSGM03b, VMF+16, WSE+16, WL20, WvdEM00, WNRM08, WMP+11, WWW+02, WZ03, WP17, WSL+11, WvdE00, WLH+16, XSM+19, YKS03, YZZ+16, YK04, YKSI19, YAOW05, YCYK10, YHC+11, ZHX+16, ZSKL19, ZXLL10, ZZZ+16, vdMLB+11]. **East/Japan** [SSK+05, SSK+07, JCP17, JKP+17, JSP+17, KJL+17, KHL+17, KHH+17, LJL+17, PKHH17, WP17, YCYK10]. **Easter** [ESG+17]. **easterly** [RMCAR06]. **Eastern** [HCS05, PZT+19, SHKW05, ADV+01, ASF+16, ACG19, BN05, BH14, BFD+23, BC05, BDW+98, BMK+13, BSW+13, BHS+17, BOKA16, CAS+16, CTBNL08, CLC+20, CBS+96, CWWB04, CMG+12, CCM+20, Cok16, CPEN08, CMB12, DMFD19, DMFB19, Dan95, DN97, DABMAMA04, DDAH+14, DC12, DO19, DLR11, DG18, DKQ+93, DABF+16, ENM+14, ENM+16, EGL+16, FBS94, FHAH16, FWG+97, FCAD04, FWZM12, FZW+13, Fro04, FPB04, FSGV+09, GDAMS19, GP15, GP16, GPBV+07, GFW07, HPWP07, HPL+12, HSFN13, HYMD11, HWS+98b, HTW14, HZW+23, HRG+16, IGP+06, JCP05, KK19, KWA+20, KFF+94, KRGT14, KL13, KNB11, KWH+05, KRLH14, LCD+24, LPD+17, LAÁ+14, LHD+22, LSU04, LZZ+16, MCK+19, MPH+05, MLH14, MTK05, MLR07, MBD+17, MRC05, MF09, MGC+14, MLK+12, MKKF18, MCL+12, MBC+20, MSG+00, MBO07, NHCL14, NL11, NBCT13, NBBBT13, OFD+22]. **eastern** [OAH+16, Pak04, PF04a, PF04b, PCDM11, PSHF+13, PKA95, PSK+00b, PE17, PS05, PAUB19, PKZ+19, RAF+11, RHPC+19, RSRL00, STN+06, SBM16, SH00, Sch07, SF99, SDB+19, SSE+14, SSM+00, SMBL19, SSR96, SKGD14, SGL99, SFK+12, SMS20, SL12, SFB16, SLS11, SKM+14b, JMP+19, SJJ19, SB22, SAB08, TLSY11, Thi05, TPW07, TIS+13, TRB+19, UP09, Uys06, VJF23, VKG93, VCDAL14, VT01, WGR+97, WW04a, WFA+95, WBD17, WCS07, WW04b, YCA+20, YSMW05, YHC+11, Zim19, vRPD+18, ATD+11, AKZL16, AAG19, BHS+19, BMRTL93, Bre93, Car01, CK03, CFV+18, CCL+14, CCS+16, CHH+21, CBPT05, DBN+11, DKZP16, EFR+19, FL04, FSK+05, FDC+18, GSdAMNMM04, GNHS05, ID19, KK20,

KMSM11, KHGL+02, KTP+05b, KTB+05, LCH+09, LS12, LAW+05, Lin16, LLS+19, LGR+14, LMC+12, MGS+10, MFE+02, MSA+14]. **Eastern** [PAM+04, PPR+20a, PWR05, PHD+18, PST+05, PZK+05, RSR+19, RPF01, RG93, SSMC10, SFV+01, SLM+20, STD+20, ST07, SMPSD04, SDK+16, SWSL14, SWG14, TCG+18, TGLN93, TMP+19, TCG00, VPA+20, VGZ+19, VPK+19, VCG+20, WSL07, WSB13, ZFP+16, ZHK+05]. **Eastern-most** [EFR+19]. **eat** [PM10]. **eating** [ALSF+17]. **ebridian** [TSOT16]. **ebridians** [OTN16]. **eccentricity** [LW15]. **Echinoderes** [AM22a]. **echinoderm** [Car10]. **Echinodermata** [GRB+17, HDR+11, MP17, MCLP04, PP13, SN00, TY98]. **echinoderms** [LK98, MMDS18, OPDM11, RHM13, WGST08]. **echinoid** [MMD15]. **Echinoidea** [HDR+11, MCLP04, PP13, TY98]. **echinoids** [DFD+11, PP13]. **Echinothurioid** [MCLP04]. **Echinus** [TY98]. **Echiura** [MA18b]. **echo** [LMLC+17]. **echo-sounder** [LMLC+17]. **echolocation** [ATM+07]. **echosounder** [CWD+10, DBBWH20]. **Eckström** [JR11]. **eco** [CDM23, MBMGK08, PBB+13, dLWFB08]. **ECO-MAR** [PBB+13]. **eco-regions** [CDM23]. **ecobiogeochemistry** [MNG+11]. **ECOFER** [LUV99]. **ECOGIG** [CDM+16]. **ecoligically** [RNP93]. **Ecological** [APMN+17, BHC+17, CD20, DBBWH20, FJF+11, KBD+01, LZM+13, STB+17, SZH20, AN05, AN06, ALHP18, AM22b, ADE22, BH14, BKP+20, CNOC13, FO05, Gut06, IUdV+12, KTP+20a, KTP+20b, LH01, LNDH+17, MA09, MSGO18, NSLAP+17, NCR+08, RDSA+21, SSSN19, SPS+09, SMSI08, SLLT10, ZB00, SH10]. **ecologically** [SDB+19, WTA+18]. **Ecology** [Ano05a, Ano06b, DMH19, HAGW+13, RD02, SDB+97, SKKM20, AD08, BBE+13, BWC+02, BWOR22, BRPH20, CCM+20, CW09, CBT01, CTH+98, DMFD19, DCA+98, DONF08, DKP+17, FEB+13, Gag04, GAJ+13, GW98, JAP+13, KP10, Lut09, MSD+18, MBM+00, NTA+10, PH17, PDT+10, PDT+11b, PNVJ13, RRT+17, RH14, RSA+10, Rog17, RG06a, RMK+14, SDB+19, SFMG13, SHPM14, SBvdL+02, TTD13, WF13, WvdEM00, dSG09a, CA06b]. **ECOMAR** [SLB13b]. **economic** [Pas18, SBL+18, JMP+19]. **economically** [WTA+18]. **economics** [LS17]. **ECONORTH** [PTP09]. **Ecopath** [GPF16]. **Ecoregion** [ESG+17]. **Ecoregionalization** [KMD+11]. **Ecosim** [GPF16]. **Ecosystem** [AA15, BFD+23, CS20, DB16, DCSV19, FHW06, FBPG18, GO15, MBT+14, MD17, MWFS17, PTP09, SBKS03, TLSW15, TWN+06, YD09, ZHX+16, ZDO19, AGL+19, Ano08, AGJ07, BFL+20, BvWR+20, BMRP02, CDP+02, CBF01, CHS17, DHCV19, DGT+17a, DLLK15, DSBS20, DP02, DVPR06, DLB02, Duc08, DWW+02, DBC+02, DGT14, DGT17b, EHB19, FGU04, FC01, Fri01, FNYK02, GMD07, GPF16, GBS+22, GUSB03, GKB19, GAHD+17, Har06, HKAM12, HCG+09, HH20, HSW+02, HSSN08, HBB+13, HON+13, HA96, HWJ20, JZX10, JDL+12, Joy16, JBÖ+16, KTP+20a, KTP+20b, KUT+20, KMB11, KKUK10, Lar04, LHS96, LLC17, LGF03, LCG03, LBD+22, LSHB09, Lin16, LW04, LHKHH10, LFHM97, MHO02, Mac08, MSMS08, MBH+96, MGH+16, MTWC+15, MPH+16, MAA+04, MAA+05, MDK+01,

MK19, NLDJ14, NMR10, OYK15, ODR+09, OBH+19, PNVJ13, PGFP+08].
**ecosystem**
[PPL+07, PVT+21, PBB+13, RBDO17, RDW+12, RP18, Rod13, RDSA+21, Sak07, SOW01, SBM+18, SSW05, SPW+22, SJD+11, SSE+14, SMD06, SHM+01, SMA01, SFK+12, SKM+12, SDMS06, SBSW07, SCSMT20, SSB+07, SAB08, STS+15, TSZ10, TSZT13, TWA+12, TSW+12, WWH+10, WW04a, WCB08, WPB+16, WWC+19, WMC06, WP17, WYT19, Ynd09, YKO15, ZS19, ZLOR02, Zim19, Ake19, EHB19, LKLK17, SID19, UWTS09, ZQW19].
**ecosystem-based** [DGT+17a, GKB19, MPH+16]. **ecosystemic**
[VGZ+19, VCG+20]. **Ecosystems** [HWCT04, IYM10, SH11a, Ark13, Arr16, AJP+22, BMS+18, BHS+06, BMK05, Bea09, BHC+17, CB09a, CNOC13, CBA+20, EBG+15, FPB+14, FBP+17, GKB19, JRJ+22, JRK+17, KMMS18, Kha18, KYW20, LD07, MM05, MKD+20, MCS+09, NLS+10, PFPJ+09, RT20, TAMTC+13, TAC+17, VAT23, VRL+02, VGD14, YOR13, ZSKL19, Arr15, Bro19, HD07, KKSA19, LP19, PH19, SPDW19, Sum19, YKSI19].
**ectoenzyme** [DCK01]. **Ectosymbiosis** [HDR+11]. **ectotherms** [Pör06].
**Ecuadorian** [GMPSHA+13]. **Eddies**
[JWO+09, JCP17, PFW+20, QS04, SdRvLR03, SWO10, ATLD+20, BTB+08, BLM+14, BPRS11, BMP+09, BKM07, BC05, BGWF08, BHAL13, BLC+08, CMW+05, Cra05, DD15b, EMW+08, FM03a, FMFW07, FWR+02, GSMG04, GS08, GSdAMNMM04, GFW07, HWP+07, HHX+10, HZW+23, IFFGL+04, JML08, JCPC09, JAM+14, LCH+09, LH08, MBK08, MiSW08, MMMC07, MFFM03, MBO07, Ric05, RTM14, RSC07, SGA+15, SRBR05, SCM+08, SKW07, SD22, SYB+11, TPW07, TMW+05, VJF23, VMM+08, WMH+07, WTP+07, WPG+07, WPD22, WDD+22, WW23, WC07b, ZLZ+15, BNM08, CBPT05, DFC05, JMSW05, MRC05, YC05]. **Eddy**
[CRJB08, HBP+14, MTGY05, QC10, RPM07, SSSC19, SA02, SWGPK17, WDFK+22, ZDBG05, AJR+15, BSG+11, BSL11, Bre93, BLS+08, BGS09, CFR+14, CH24, CCW+08, DM16a, GDL22, Gau07, Gre08, HXF+23, HB05, HFP94, JDL+22, LBR+08, LDS+08, LML+01, LMA08, LPMS09, MBNB+08, MBNRB08, MFPL19, MRLL01, MR01, MDM+13, Men23, MCM06, NKD+08, NSMBN08, NMWH19, OG11, OGRdO18, PPA10, PKW07, PWH05, RPA07, RLH+03, RJWD01, RNR20, SAK05, SSK+05, SSK+07, SW99, SJ00, SMB03, TRM+14, TNT+15, TBBM03, VHT+20, WH01b, WW23, WR01, YSBH06, GHB+05, HDGM19, SMBL19]. **Eddy-mean** [QC10]. **eddy-permitting**
[RLH+03]. **Eddy-Pump** [SWGPK17]. **eddy-resolving**
[MDM+13, OGRdO18]. **eddy-shedding** [CH24]. **eddying** [SWGPK17].
**edge** [Bis94, BFF94, BLG15, BBD+03, CC15, DKGT04, IGP+06, MWB95, RPB02, SHC+22, Tan03, UW99]. **edges** [RHPR15]. **edifice** [SLdB+15].
**Editorial**
[Ano98a, Ano98b, Ano98c, Ano98d, Ano98e, Ano99b, Ano99c, Ano99d, Ano00a, Ano00b, Ano00c, Ano00d, Ano01b, Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, KP10, KFS+17, Mil94a, PS04b, PSY13, YSL+10, BH15, Ano93a, Ano94a, Ano95a, Ano96e, Ano97a, Ano18a, Ano18b,

Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h]. **Editorial** [Ano23i, Ano24b, Ano24c]. **eDNA** [OvdRvA+22]. **Edouard** [WBI+01]. **education** [CPM+18]. **Edward** [FPGH02, GFPM02, HPM02, MFL10]. **Edwardsia** [SS13a]. **Edwardsiidae** [SS13a]. **eel** [KT06, MWF+19]. **eelpout** [BKPA06]. **eels** [HK19]. **Effect** [AVS+20, BSS20, BBM+08, CMNM16, GDA+15, HMHY11, JS14, KRB95, KTP+05b, LFPC14, LCD01, LM96, SHH03, ZLZ+15, ASS02, AAG19, BSG+11, BNM+07, BS21, BABB08, BML+06, BBD+03, ESA+09, EAS+09, GOC09, HBCO01, HMA20, KVB+09, KKUK10, KVL+19, LMvDA16, LSWH07, LBM+20, MAN+20, MCS07, MSW11, OGC09, PFPJ+09, ROC+21, SBM+18, VAK+09, WN01, WCJ+11, WLT20, ZLOR02, Zül05]. **effective** [CWWB04, KKH+02, SS01]. **Effectiveness** [BM17]. **Effects** [ASF+16, BLD+06, CHG15, CM01, DMS+10, DHGO23, DJFK+22, DGR19, ER05, FLLGR04, GOGCDB18, GGRW98, HBC+12, HD07, JBJ17, KxF22, LLM+17, LDX+23, MOT98, MTT+12, NSWY20, OSCS00, PDK+14, PHS17a, SLS+09, SF11, SMBL19, TGG+09, TPW+16, TVL+00, VCDAL14, WZW+95, BV98, BZS+16, BHC+01, BFML+08, BCL14, BKCV10, CHPF10, CKB+07, DTJ+14, DW15b, EWG94, FSP+16, GRD+08, GPF16, GLM04, JTK+14, KKSA19, KCTG16, LC16, LCS16, LS04, LBD+02, LMG17, LAPL+16, MWS+15, MC05, MBd05, MBP09, NLDJ14, NZT97, PSK+14, PWL07, PJLO+17, PHD+18, Pra04, PHKW10, RLB18b, RAF+14a, RAF+14b, Sco05, SSSC19, SMB+98, SK02, STR+14, SYB+11, TSS+02, TWN+06, Uml05, WC24, WPW+14, YAOW05, Zon07]. **efficiencies** [AHML95, SFV+01]. **efficiency** [BFML+08, DD95, DP07, DDK+00, FA03, HBC+23, KKK+17, SLLT10]. **efforts** [VALW23]. **egestion** [ASF+12]. **Egg** [SMG+07, HSBT19, HK10, PC08, PCAS05, RSB+17, RPJ+06, YOO+10]. **eggs** [Blo02, BSN+15, CDG00, LCR+96, SDAH+12]. **eiders** [CSG+13]. **Eighteen** [DSK+13, JTDG13, OWD13]. **Eis** [MWFS17]. **ejecta** [Kyt02b, Kyt02c]. **Ekman** [CWB02, SMPSD04]. **Ekström** [KGB+14]. **Elasipoda** [GTSC08]. **elasmobranch** [BBW+15]. **Elasmobranchii** [WST15]. **elasmobranchs** [CHV+15]. **electric** [SS13b]. **electric-field** [SS13b]. **electrode** [PCB+17]. **electron** [ABKL96, NAT+12, NS93, SMM+06]. **Electrona** [VVM+12, ZDW+20]. **electrophoresis** [RSF+99]. **Eleginus** [HCAK17]. **Element** [RVC+13a, AELP14, CMVS+10, RVC+13b, TRM+15]. **Elemental** [BTV+11, SHWW22, SML15, ADV+01, CML+09, CSS+02, KYI10a, MMS+19, MHP+07, PBNF+16, STR+14, YOI+09]. **elements** [BSZ99, CVA+13, FdBGP11, FSCC07, GJC98, HOD+09, HFL+15, LBL08,

PPR07, WSS+08, ZLJ08]. **Elephant** [LHKHH10, BCE+07, BTLC98, GBC+13, GHM18, HCZ+07, MdSLH13, SMA+17, SSWM18, VGGLB15, SAM+13]. **Elevated** [GS08, MGC+14, CMNM16, MSRM14, PDE+16]. **elevations** [AGHS04]. **elimination** [BCL14]. **elongated** [MWB+09]. **elongatus** [UFAK06]. **elsewhere** [Wea93]. **Eltanin** [FSG02, WA02, Kyt02a, Kyt02b, Kyt02c]. **elucidate** [FB14]. **elucidated** [RSW+13]. **Elzone** [JLAD95]. **EM-POGO** [TSDG13]. **embayment** [VLSS+04, VSGGPR14]. **Embayments** [HDR+11]. **embryo** [WTS08]. **embryonic** [BY09, CGD+15]. **embryos** [BY09]. **emendation** [GJ11]. **emergence** [BCVCHW04]. **Emerging** [NTA+10]. **Emiliania** [ESA+09, EAS+09, HPN+12, OS02, RHL+16, TTA+16]. **emission** [OCG+09]. **emissions** [BABB08, HGK+18, RDC+18a, RDC+18b, ROBV+18]. **Emmonak** [FBB+13, FRBB13]. **emphasis** [ABC+04, BSJ13, GTTKB14, LSHB09, MGT+20, PMS+07, RBMY02, SSMM+08, Sum19, VBC+95]. **empirical** [DSBS20, IS07, SCS+98]. **Empirically** [SNMH18]. **Employing** [RPF+16]. **enabled** [DCS+18]. **Enabling** [BC08]. **enantiomers** [JKB04]. **enclosed** [DM16a, SAG+10, ZGW+23]. **encoding** [OACA19]. **encounter** [DLW+17]. **encounters** [TCM+04]. **encrasicolus** [RGIH+06]. **encystment** [BKS+10]. **End** [POA+16, MD17, QW15, SHWW22, TdFAL19, VALW23, dCHdOF+18]. **end-member** [QW15]. **end-members** [MD17]. **end-summer** [dCHdOF+18]. **End-to-end** [POA+16, VALW23]. **endangered** [PWB+06]. **endemic** [ABE+11, DFJ18]. **endemism** [BBB+07, LBSB+17, MS11]. **Enderby** [VVTM97]. **endoparasitic** [SM15]. **Energetic** [FKH05, BvGH+17, KSDE16, LN05, MZH16]. **Energetics** [JLB+99, Wei15, APMN+17, BSSE16, SSSC19]. **Energy** [PDS+17, AKK+17, CWE+17, HXF+23, HFK+02, HWL06, HDJP05, LDX+23, MW05a, MMTT+20, MSBS01, Pap05a, PF06, RHB+04, SHM13, SH16, SW99, UW99, VAMPR+17, WWHT20]. **England** [AKM+05, SW09]. **English** [PGS14, LAB+17, PLA+17, SWDB+14, VLP+17]. **Engraulis** [CDG00, DBC+19, LTL+23, MGGTM19, NSBL94, RGIH+06, WWH+10]. **enhance** [WCH05]. **Enhanced** [RSR05, ZA16, ZDA+16, GS08, HIA+16, LAT+18, NW01, RMK+14, SP00]. **enhancement** [MiSW08, MBP09, YK04]. **enhances** [MS06b]. **enhancing** [HSSH23]. **enigmatic** [GCKC07]. **Enriched** [KLLO98, HWS+98b, MQACB08]. **Enrichment** [TWN+06, UWTS09, AHR+06, BWL01, BML+06, BGH99, CJF+98, HRM+06, Har06, HS98, KSH+09, KNC+09, KHE+11, MSK+06, MJW+06, MSJ+06, NHS+09, NOT+09, NMH+06, NTK+09, OSCS00, ÖCB+04, PHS+11b, RVC+13b, STN+06, STN+09, SD06a, STF09, SMH+06, SML15, TYBY06, TSN+06, VSD+97, WC06b, WJS+06, YOI+09, ZOB+96, vRPD+18]. **enrichments** [Boy02, DNR20, HBSL01]. **ensemble** [BFH+23, MDI+12, WJR+16]. **ENSO** [ARLA03, FWC+95, GK02, HVWH09, HGM+11, KMLC+04, LWS21].

**entering** [BS98]. **Enteropneusta** [ELG+22a, ELG+22b]. **enteropneusts** [JAP+13]. **entombed** [PUP+07]. **Entoprocta** [BCE18]. **entraining** [WC06a]. **Entrainment** [KHL+15, LCS+06, LM01, NYNK05]. **entrance** [CCM15, FLTV04, FLTCV10, TMC04, VLSS+04]. **entry** [AHK99, VSM17]. **Enumeration** [Kel10, AKK+05, EPK+10]. **Environment** [Arr15, IDSM04, Sha01, Arr16, AI09, BKP+20, BDL+22, CTCD05, CA06b, DHGO23, DCA+98, EWP+99, FMWD07, GF07, GHM+12, HWCT11, Hol06, JRK+17, KG20, KGHA+01, MKS+20, MSS15, NA13, NKB+18, NDE14, OM14, PFC09, SYS05, SV09, SDAH+12, SGP+02, SNK07, TM22, VAMPR+17, WCH+93, WPJW96, WTA+18]. **Environmental** [CM16a, CM16b, DTJ+14, EZB+20, GKGW22, HTW14, HSC+07, KIIW03, KCMT+20, LRDS18, LMLC+17, NLDJ14, OGJ+19, RRL+14, RSB+17, RHL+16, STP+16, TZ09, AMJRD19, AYMSAS19, ADBW16, ADRS19, AMTE09, AAL+17, BF14, BZMC20, BTD11, BEB+13, CLC+98, CDRA08, CJA+06, CH24, CLC+03, CHH+21, CSS+22a, Dal04, DSG+09b, ESWL20, EP18, FBP+17, GdRGLS04, GWWL03, GBC+05, HAGW+13, HWCT08, ITT12, IBK+11, IARR01, JGM09, KRGT14, KVS+09, LWAS08, LLC17, LB18, LTW+22, LH15, LGR+14, MDTS11a, MK21, MHTZ19, MTWH04, NLS+10, OBRJ01, OTH05, PSK+14, PFdSG11, RLB+18a, SVAGRCS04, SLdB+15, SM12, SCD14, SHN+07, SBL+18, SFH+18, SLP+17, TTU01, TSA+01, TKF07, WC24, WCC05, WPW+14, WGMC14, WTA+18, XSM+19, ZFP+16, dLC+14]. **environmentally** [KL13]. **environmentally-driven** [KL13]. **environments** [BS05, BS06, ELP13, FR10, Har11, HZMH07, HSD04, IKR+12, Kos01, LSGM02, PKA95, SKL+22, SCGB18, VGGLB15, ZWZ18]. **environs** [WB96]. **Envisat** [OCKA+11]. **enzymatic** [DKGT04, HD02, ZJA16]. **enzyme** [DKT+01, GQ09]. **EOF** [IS07]. **epi** [PKZ+19]. **epi-** [PKZ+19]. **Epibenthic** [EBGCL08, RKTG14, BEB+13, BHJ+14, BEM+15, BRPH20, CGG+19, CRBK03, GAP+06, KCM+14, KRGT14, LK98, LWJR22, LT03, MB07a, RLB+18a, WR09]. **epibenthic-sledge** [BHJ+14]. **epibenthos** [IMG+19]. **epibionts** [KBR18, STFL+13]. **Epibiotic** [SGB14, BAKF03, SC15]. **Epifauna** [BEB+13]. **Epigonus** [VFFM13]. **epipelagic** [DSJ+11, MMY+20, PHKW10, RQM+08]. **episodes** [ARLA03, MPC99]. **Episodic** [GBJ+15, PWR05, RBH+20]. **Epistominella** [PBG07]. **Epizooic** [BPR+10]. **EPS** [JS14]. **Epsilonproteobacteria** [CdST+17]. **EqPac** [IF95, BCH+96, BAH+95, CGR+96, DBC+02, Fri01, GG95, HS96, HDCM95, MJG95, RDG+95, WZW+95, ZDWR95]. **equation** [CJ19, Mar19]. **equator** [BCH+96, DZBR95, IHI+97, LBD+02, RL97, RDG+95]. **Equatorial** [ATD+11, CMBPM04, DBN+11, Fri01, KMSM11, KT06, PD01, RD97, WSL07, Abr19, ATS+96, ACG19, BTV+11, BK96a, BSL+96, Bas19, BAD+97, BO96, BCO+96, BD02, Boy02, BRPI02, BLG15, BBB+11b, CD95, CLB96, CDP+02, CM99a, CC01, Dan95, DN97, DDN+04, DLR11, DQC95, DWW+02, DBC+02, DCF+11, DMY+97, DNA97, DO96, ERR97, FWC+95, FWG+97, FBC+02, FLMF07, FCG+96, FDM+97, FC07, GLLC04, GK02, HMB+96, HCBP97, HS96, Hen19, HHP+96, HZT+06, HWS+98b, HDCM95,

IF95, IIM+09, Jen03, JCD+03, KF95, KNG02, KRB95, KT02, KNB11, KLKB95, LRFK99, LCK95, LKC96, LST+11, LR97, LFM02, LBB95, LFHM97, LKK+95, MN10, MPH+95, MBHN02, MS99, MGNB96, MLR07, MCD+09, MMJ+03, MJG95, MYN+96, MLD97, NGM+05, NTF01, NL11, NZT97, PCDM11, PWD+11, PH96, PDSS96, Qua97, RF99, RLPF07].
**equatorial** [RDLZ02, RFLW00, SBG05, SHD+96, SBD+97, SIFS10, SPD+11, SLS11, TLSY11, TBB+11, VSSN96, VT01, VBC+95, WHL+97, WPHL02, WCRG95, WGR+97, WCMB06, WFA+95, WMW96, ZOB+96, ZD97, ZQ97, BPD+11, BMGC09, GJC98, GMMS05, MPG+97, NL11, SLT+11, SV09, SRF09b, YTF02, BRPI02, SKC99]. **equatorward** [SHKW05, VLSS+04].
**equipped** [BEB+13]. **era** [WCB08]. **Eratosthenes** [BOC18, ID19].
**Erignathus** [CBK+22]. **EROS** [MM97]. **erosion** [CBF+13, CBF+16].
**erosional** [NGM+05]. **Erratum**
[Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, BS06, EWA+03a, HiII+20, LLM+03, MCS+03, MAA+05, Mun16, PNLFS03, SSK+07, SMGB03].
**Error** [Eks07, Dem04]. **eruption**
[Bak98, CES98, MTB09, NLSL09, RSP+98, SB98]. **eruptive**
[KLLO98, OGG+15, PPR+20a]. **escape** [CSG+15]. **escarpment**
[MAR+17, BNKJ23]. **Espírito** [MAR+17]. **essential** [GPCC+17].
**Establishment** [SBL+18, Blu01]. **ester** [PTWM12]. **estimate**
[COJ+09, Dem04, HWN+04, LRR+04, MRM+12, OWD13]. **estimated**
[BCH+96, CM99a, CLB13, HGAB04, HIA+16, HdBB+02, KOM17, MQ01, MMXS02, OENB01, PW12, RWN+08, SSWM18, SHY+08]. **Estimates**
[MC06, MLS+15, RAL+01, SW08, BDW+96, BL06, BAH+95, CFS+06, Fre13, GMR+05, GFPM02, JEK+15, JR15, KGE+04, KM15, KMK+20, LPK+17, LMvDA16, MBC+09b, Osc01, RPS+11, SOW01, Sch02a, SBG05, SVS+20, SLB+16, TSPH09, Yal01, YZ00, ZDW+20]. **Estimating** [BWS+98, BTD11, DGA+11, HVBO08, KG20, PCDM11, PLD+17, PJLO+17, PHD+18, SLS+07, SD06b, SHW+16, WGFS03, LGP+15, MLVM02, OBWK01, XA09].
**Estimation** [AHML95, Car01, ESK06, GSM+20, KH02, Las93, SH16, vGCM00, CRD+17, HJS+10, HSM+01b, KGKS20, KUT+20]. **Estimations**
[RBXM15]. **ESTOC** [PKR+01, ZLOR02]. **Estonia** [SSAF02, ASS02].
**estuaries** [MK21]. **estuarine** [GKGW22, OM14, ZX12]. **Estuary**
[RDdL+13, ALR+14, OM14, SAL95, ZG15, LG15, YZZ+19, ZZY+19, ZG15].
**ethers** [CHW+12]. **ethnography** [FRBB13]. **Etmopterus**
[CAJE15, CGD+15, SLC+15]. **Eualus** [NCL13]. **Euaugaptilus** [MNN10].
**Eucalanidae** [GO10]. **Eucalanus** [KTSI07]. **eucarids** [LV17]. **Eukaryote**
[CD20, OvdRvA+22]. **eukaryotic** [ANL13, SSW05]. **Euler** [Mar19].
**Eulerian** [EB01, MB96]. **Eumetopias** [CFGR07, GS06a]. **Euphausia**
[Ant10, BLBW+11, BKCV10, CHPF10, CWD+10, CKL03, Dal04, HA10, HH03, JKK+10, JH04, KKM+10, KYI10a, KYI10b, LLK+16, LS10, NKK+00, NVK+04, NCR+08, PAM+04, PNH+00, RQNO04, SPF10, VMF+16, ZD04].
**Euphausiacea** [ZNPR09]. **Euphausiid**
[FPS10, LWSA08, LWAS08, BT03, GGTMG+10, GGRJD+10, HRG+16,

LJHAA19, LS10, PSS+16, RBP+05, WAL+11]. **Euphausiids** [HJS+10, HRG+16, NB10, BOKA16, CP02, FLTCV10, GGPM05, GFPM02, HPL+12, KYI10a, KYI10b, KYKJ16, NTH10, PS04a, PC08, RDW+12, SNS+16, SHKW05, ZNPR09]. **Euphotic** [GG95, DLR+01, MSM+02, PPA10, PNC+06, SCPC98, ZFA+02]. **Euphotic-zone** [GG95]. **Europe** [ASBR17, KB95]. **European** [MM97, PdBK+03, AMH+01, AHVB+17, DGT+17a, HLM+01, LLM+17, MHA+01, MPF+17, PBG+10, PGS14, TFR+10, vWDB+01]. **eurybathic** [RHM13]. **Eurycope** [EGMB13, MGE13]. **Eusirid** [KBF+08]. **Eusiroidea** [LJB18]. **eutrophication** [DHCV19]. **euxinus** [UFAK06]. **Eval** [BSS+17]. **evaluate** [GAC+02, NLY+13]. **evaluated** [PGFP+08]. **Evaluating** [BWD20, MLW+01, MST+14, PDC+21, SMSA05, HFK+02]. **Evaluation** [BM17, CWSH20, HZT+06, KM05a, PG18, QQJ+21, SYS05, SSR96, TTU01, BKS+16, CLF+09, GPMZ+10, LYL22, MC15, NISG05, OBRJ01, RPF01, RSC+09]. **evaluations** [LSWM22]. **Event** [BBR+10, Bak98, CBB+98, DRVVS+14, FWC+95, HVWH09, HSB+16, HC13, IPH+17, JBS+98, KLLO98, MGNB96, NGM+05, PBS06, PLHMA06, RGH+24, SZM10, Wei15, WPJW96, vRPD+18, FBL+98, MBF+98]. **event-scale** [PBS06, vRPD+18]. **Events** [Ano06f, CH24, CHL+15, CMAO+12, DABMAMA04, GBC+13, Gol93, KK19, LBM98, LDW22, ÑB04, OCP18, OWW+12, SIA+05, SZH+04, SYK+13, VKC09, VIY02, WLD+06]. **evermanni** [DDAH+14]. **Evidence** [AJR+15, CRD01, CGD+15, CRD+17, EQW+13, EMV09, GSW99, GSM+08, HHR+08, LvDA14, MCM+14, MA05, NGM+05, OTK+05, OGG+20, PWMC01, SLB+15, AHV+00, ACV+01, AFB+94, BW93, BCWT00, BMRP02, BBR+96, BNP+09, BK96b, DBDT03, FLTV97, FL02, GBC+05, HB03, KNG02, LWB+20, LSL+15, NSKG96, NR00, PDSS96, PKA05, PRB+11, SBM+18, ZSLL15]. **evidenced** [BY04, LWL+24]. **Evolution** [AST07, DSK+13, FM03a, PPT+10, VF08, WC06b, BPC05, Ber07, BJSH14, Bre93, BGMH01, CHL+15, CMW+05, Eif05, GCJ+00, HBSL01, JW05a, JW05b, JRGLJ+19, LML+01, LCS+06, aLCS15, LAGK+18, LXWC21, LAPL+16, LSA14, MML07, MNR+11, MGC+01, PIP+02, Pör06, PPR+20b, RP18, SBZ+03, STB+17, SK07, SP19b, SLW98, TWD+08, TRHA01, VPdP06, WCH+93, WCJ97, ZV13]. **Evolutionary** [DFD+11, Vri13]. **ex** [SSL98, RJM+15]. **ex-situ** [RJM+15]. **Examination** [DKP+14, AGN+02, HLC+16, SN04, SKM+08]. **examined** [DWG+15]. **Examining** [SAW16, SM23]. **example** [ANS+11, BFG+10, BBT+18, GHD+18, OM16]. **examples** [Joh19, JAM+14]. **exceptional** [MPC99, OM14, SSHB03]. **Excess** [OHT12, DGP20, PDSS96, YCT+22]. **Exchange** [RVJG+02, RVJG+05, Sme04, Wir94, ALWW04, BPF+03, Bis94, BFF94, BLS+03, DKS03, DK04, ES04, GSGS01, GPB09, GKR+18, HLS+11, HDF+01, HSM+01a, JKB04, JCP05, KMO09, KIS02, LSC05, LRFK99, LPZ+04, LBY+10, MC05, MLS01, MB03, MS06b, MLVM02, MCJ+99, MMMC07, Pap05a, PG97, RLB03, RSB+15, SRY04, SE96, SHL+11, SWLL23,

VLSS+04, WKM+07a, WCJ97, WDC+15, WCL+15b, YLBdR03, WC01a]. **exchanged** [LDV+02]. **exchanges** [CMC+05, CMB02, McP08]. **excitation** [SFD04]. **excystment** [MTK05]. **exercise** [GGM+16]. **exercises** [Joh19]. **exhibit** [BCBB12]. **exhibition** [SRS+15]. **exist** [KFS+17]. **existence** [TLF97]. **exit** [SPH+03]. **exopolymer** [LPA+95, PA95]. **Exp** [WOM+16]. **expanse** [PMS+20]. **expansion** [OUJ+19, SIA+05, SLS17, TWN+06]. **Expatriation** [HK07]. **Expected** [Had11]. **Expedition** [AKI+16, BHT22, DF16, HB19, HBV19, HBVG20, HBVG22, ITK+16, KOS+16, LSOM16, OM16, OTN16, PBVC+16, Ala18, BPBJ13, BM15, BAF+18, CR06, Can06, Che13, CP18a, CP18b, Cra97, GMB18, HAP03, KKT16, Kyt02b, Kyt02c, MB15, MCB18, PLS+03, RSD+97, SBBP+15, TO95, TBFP04, VHS97, VKGQ+09, dLWFB08, Zar16, vdLCS+11, JSWB21, Mar18, RHK+10, Smi01, Urb20]. **Expeditions** [CGG+12, AA15, BIH10, BBB+07, BM15, EMG+15, FdBGP11, LGK15, MLBB14, PMJ20]. **experience** [CMB09, GCD+06, MML07, Sag18]. **Experiment** [BL01a, GBH+01, GSMB01, PLRV22, PSLS07, Sha01, AHML95, ASN+02, BFF94, BSL08a, BQT08, BT98, BMF+01, COS+16, CJF+98, CSS+22b, CMRL11, DH93, FSP+16, FSK+05, Had11, HLR+09, HHH+93, HLS+11, HTS+09, HSH+08, HZK+05, HDCM95, JLAD95, Jac95b, JCF+06a, Kem94, KTP+05b, KTB+05, KHE+11, LWLS98, LAW+05, LCS+06, LSS+11, LSM+06b, MFG+93, MLS+06, MW06, MSH+07, MHP+07, NOT+09, NMH+06, PHS+11a, PHS+11b, PPL+07, RDL+09, RAS23, RLVF02, STN+09, SMY+98, SD06a, STF09, STJ+08, SHL+11, SWLW11, SSI+09, TSA+01, TA01, TSMS09, VSFF09, WJR+16, WTCB09, WTL+06, WC06b, WJS+06, ZHK+05, DMJ93, GG93, LDFS93, WCH+93]. **Experimental** [CJF+98, GDYW02, GGCM17, Blu01, Bor01, CBC02, KKM+10, LB98b, MSA+14, PSS+16, SYS05]. **Experiments** [KGHA+01, ANI09, BBL+13, BDO00, CDJ+22, CFKS05, CFS09, EBB+08, FC09, GJC98, HIN+02, JWS01, KNG02, KKNH02, LDBvdB17, LLB+00, MLW+01, MNB02, ME02, PTO+16, SP19a, SESS08, TCM+22, VSD+97, WW04a, WB01, ZOB+96, ŽSN+18]. **explain** [SRY04]. **explains** [LWO+09]. **explanation** [LWS21]. **explanations** [KSBK01]. **Exploitable** [ZSKL19]. **exploitation** [BCG+22]. **exploiting** [NSBL94]. **Exploration** [HB19, RBG18, BIH10, EMEP18, HBV19, HBVG20, HBVG22, MWK+18, SS05a, SS05b, TZ09, WAM+18]. **Exploratory** [SCPC98, PFAZL09, SLS+09]. **explore** [GBS+22, HKAM12]. **Explorer** [SDGH14]. **Exploring** [DSW20, EP18, GSC+19, JFC18, Lut15, MGG+17, SCSMT20]. **Export** [BCH+96, BLG11, HDCM95, LCE+23, MYN+96, PSLS07, RL97, SVR+00, SSH+11, VSR+00, AML01, AZK+20, ACH02, BGKB06, BZvHH00, BBV00, BAH+95, BBA+98, BBA+01, BBD+03, CHN+10, CEG+11, CM99a, CMB99, Che03, CBB+00, DSO+97, DEK+08, EBB+08, FS02, GMS+02, GdRGLS04, GS06b, HDPI99, HdBB+02, HCG19, IPH+17, JLTD11, JCP+22, KGKS20, KPPL00, KLM+02, KWW+12, LGHD20, LB07, LLL+15, LGB13, MQ01, MBNRB08, MSF+22, MES97, MKH+05, MLK+12, MSTT07, NISG05, NW01,

OPB15, PG07, PAM+14, PKZ93, PABH07, PDS00, PRMM+17, RSR05, RGH+24, RRWR08, RSB+15, RBN+08, RMPI+17, RFB97, SLS+07, STJ+08, Sch02a, SNB02, STD+20, SDCH99, SSS+11, SBH+02, SZS+07, SAB+07, SLB+16, SHC+00, TRH+08, TTLP06, TA01, TDC08, VMM+08, VMGO+09, WN01, Wal94b, WCY05, YHL+12, Zel01, ZD97, ZQ97, ZT00, vdLBB+02, vdLCS+11]. **EXport** [MSH+07, MHP+07]. **exports** [HCG+03]. **exposed** [BTV+11]. **exposure** [DMC+17, DRRBC16, DM16b, ROC+21, SLD+13]. **expression** [ETP+16, YLD09]. **extant** [RPF+16]. **extended** [MSF+22]. **Extending** [HM14]. **extensible** [SCQ+09]. **Extension** [CBF+13, CBF+16, DRR+14, FSGV+09, KFH01, CK10, DJFK+22, NI10, PUB+06, QC10]. **extensive** [YK16]. **extent** [BBLS14, BCVCHW04, KAHS20, NSY04, RPMS95, Tou99, ZWM12]. **extracellular** [DKT+01, HD02, KN97]. **extraction** [CHG15]. **extraordinary** [TML+16]. **Extreme** [BZ20, HSR+16, DCA+98, GBI10]. **Exuma** [BBW+15]. **Exxon** [ALHP18, EBM+18, LMH+18, NM18, RP18]. **eye** [PGC+11]. **eyeless** [SSAL+17]. **Eyre** [BPM18].

**F.** [WTS08]. **face** [SRB+11]. **facies** [BH03, DBDT03, KSB+03, PGM+15, SKdS+14, YKY+07]. **facilitate** [SP06]. **Facing** [CV17, VLSS+04]. **factor** [GGC19, Mil94b, ODR+09]. **Factors** [DP07, DC08, EBGCL08, GMK+08, HHNK+04, PSUH+16, BMH08, CLC+03, CHG15, CBSS02, Dan95, EGL+16, ESWL20, GSMB01, GKGW22, HWTN22, KMOM19, LB18, LTW+22, MLS01, MHTZ19, NSH+10, RGIH+06, SML15, SHB14, SBL+18, TDCV+06, WC09, ZWC+15]. **faecal** [DB02, GHIM04]. **Faeroe** [HvH04]. **failure** [RRK+20]. **Fall** [ARW+04, KHB+04, MGHN01, ALSF+17, AGW+13, ADG+08, BLO04, CdST+17, CC03, CCS+16, DZ08, EGL+16, HSFN13, KJL+17, KB15, SSAL+17, SSE+14, TMBTS09, ZZP04, dBC+09, KPPL00]. **families** [FB14]. **family** [CKFC18, CSE+22, GO10, GM22, KB15, KGS23, SW09, SKS+23]. **Fan** [SSHB03, BMD+17, BSS+17, Cha03, CRD+17, DDB+17, GPBV+07, MRP+17, ODP+17, PTD+17, PCB+17, PDS+17, ROB+17, RBDO17, SBDB09, SSB+17, SDT+17, TBC+17]. **far** [AM15, MSM10, RDFSWV99]. **Farallones** [SCS+98, SSC+00]. **Faroe** [BL04, PR05]. **Faroe-Bank** [BL04]. **fasciata** [GPCC+17]. **Fasham** [MLB+10]. **fast** [CMG+11, DKdS+03, FMWD07, vdMLB+11]. **fast-ice** [FMWD07]. **faster** [RHPR15]. **Fate** [NRM+99, BMF+01, HKM00, LPFS97, LAW+05, LPMS09, MSG+00, SVC+08, WAC+09, YBHM05, ZBvH+00]. **Fatty** [Har94, KWPB15, KME18, WWH+10, WPB11, EPPR09, Kha18, KYKJ16, MSW+13, MKKF18, NCE+23, PPYN15, PGFP+08, RKM23a, SNIT02, WPFB11, WPSB11]. **Fault** [HBCG14, HTT15, RDC+18a, RÇG18, RDC+18b, ÇYB+18, GPÇ18]. **Fault-control** [HBCG14]. **faulting** [CPW+18]. **faults** [HGK+18]. **Fauna** [SDT+17, ACD+17, BH08, BBAL+20, BPPJ15, BNKJ23, CMH09, DSG+09b, DCH04, DJ15, DFJ18, GBI10, Gri13, HDK08, HRM+18, JSWB21, Jaż15, KGB+11, Kam18, KBKW13, KMM+08, Lin04, Mal04, MMD15, MLH+22,

OCG+09, PB08, RMA+20, RLGG07, SBBP+15, SRDV07, SRS+15, Sot09, TWG00]. **Faunal** [GLdS+09, MC18a, WR09, AAG02, BJSH14, CBNR+09, LG09, LWM+09, MS11, Vri09]. **faunas** [GBLS00]. **Faunistic** [Hil94]. **Faust** [DLHH11]. **Fawn** [VPSL15]. **fCO** [SWB+09]. **Fe** [HSH+13, AA12, GOH+15, GBL+08, HS01, HMW+15, KMSM11, KNN+06, LDD+97, LKTS01, LSS+07, MBHP99, MV99, MV01, MAT+12, MNPT06, NOT+09, NVBJ08, NEN+07, Rai11, VM01]. **Fe-binding** [GBL+08]. **Fe-enrichment** [NOT+09]. **Fe-fertilised** [LSS+07]. **features** [ASV18, ADGA01, BdBJ+14, CRF04, CSG+15, CDM+16, GAP+06, HPS+13, HWCT08, JTK+14, JHS+17, LBMvdB14, LWAS08, LSM+06a, LTH05, NOLASZ04, NDD+14, PGM+15, PBMM14, RSL05, SMBM99, SC16, SGB+08, ZWK+15]. **February** [AE02, BPRS11, CTBNL08, CHU+00, DDK+00, SKH10b, WGB+04, Ano22n, Ano23j, Ano24d, FD98, GR10, HWN+04, KOLA+18, KGdC+18, LCK95, SAM+13, SW01, SKW+04]. **fecal** [ASF+12, DURP03, GS08, LSUB94, TGG+09, WSB08]. **Fecundity** [WTS08, YERT13]. **federally** [DCD+14]. **feed** [Kli09, OSM+20]. **feedback** [WCB08]. **feeders** [DBH+20, GAP+06, KME18]. **Feeding** [CDRB16, DMFD19, GW98, KIN+10, KHT+20, NSLAP+17, Pro09, SHPM14, BEC+96, Bec97, BHC+01, BHB+07, CCM+20, DONF08, EQW+13, EBG+11, GLLC04, GLF+03, GGDF08, GFPM02, HA10, IAA96, LGF03, LH15, LM96, LCR+96, MDTS08, MKS+20, MBM+00, RTC+07, RSR+00, SNH+23, SAVP12, SFPH+08, Zel01]. **female** [CRJ+08]. **females** [RDdL+13]. **Ferret** [CWJ99, DJC+14, EWP+99, GSW99, LUV99, MBMM+99, SHD+14, Sor99]. **ferromanganese** [CH07, Cha03, GNT+17]. **fertilisation** [BBM+08, BMF+01, HS01, LWLS98, LCS+06, MC13, SVC+08]. **fertilised** [ASH+11, ACBMQ08, LSS+07, SLS+07]. **fertilization** [ANI09, BSL08a, BQT08, BABB08, CGSZ13, DVPR06, FC09, HTS+09, HKN+09, LSM+06b, MLS+06, MMT08, MW06, OCL+08, Qué13, STJ+08, SWLW11, SSI+09, TVLB08, TRHA01, TSMS09, WTCB09, WTL+06]. **fertilized** [COV+08, JBM+08, LGO08, TDC08, TNS+09]. **FGOALS3** [DCL+21]. **fidelity** [CRJ+08]. **Field** [NYNK05, STM04a, STM04b, VPA+20, BMB+18, CHH19, CM01, DJCF09, GBB+17, GDIK02, GBO01, HJS+10, HZK+05, HTT15, KL96a, KEA+17, Kyt02a, Led93, LSOM16, MCB+15, MARFP08, OGRdO18, OAH+16, PPR+20a, SSY+05, SRB+11, SKMDR02, SBL+18, SS99b, SS13b, TRM+14, TPP+20, TTL+16, VSV+97, WMB+13, WGR+97, ZLOR02]. **field-based** [TTL+16]. **Field-of-view** [STM04a, STM04b]. **fields** [CSE+22, DIM+12, HRS+23, HAD19, MDI+12, MMC11a, MBS05, MCG+98, PFX+02, SCL+04, ULH+21]. **Fifteen** [ITT12, LTF+19]. **filament** [FMH+02]. **filamentous** [SKH+10a]. **filaments** [JCPC09, TLR+00]. **filippovae** [PNVJ13]. **filled** [KCTG16]. **Filosea** [GBBS00]. **fimbria** [CM16a, CM16b, RDSA+21]. **fin** [BRG17, ESWL20, ŠHW+04]. **Final** [Ano06b]. **findings** [Bau02, DLB+11]. **Fine** [BHBC08, JWCC99, MKS+20, SGD+14a, aLCS15, MPF+17, NDG96].

**Fine-grained** [JWCC99]. **Fine-scale** [BHBC08, MKS+20, SGD+14a, aLCS15, NDG96]. **finescale** [BASLK04, CD95, Dud06, SCPP05]. **fingerprinting** [ANL13]. **fingerprints** [MZD+11, Pee97]. **finite** [LH06]. **Finland** [LL14, OT10]. **finmarchicus** [BM07, BK96b, CRD01, CPH01, CM01, GGDF08, HK07, LMDW06, MO96, PTS01, RPJ+06, SD06b, ST07, SMG+07, YQMB20]. **First** [BNP+09, BAF+18, BR14, BBW+15, BMSBM+17, CP18b, GMB18, Gol18, Gri13, KJB+08, KGS23, LOB+09, MB18, MGK+17, MGN+18, NHH+13, NKB+18, OBH+18, SBE+07, STFL+13, dMGPT+14, AM18, AM22a, BCNS15, BTLC98, CSE+22, DABF+16, Fir96, GM22, GK16, KWA+20, KFS+17, LDGH16, MG22, MBOvL08, ROBV+18, SRAL+17, STM04a, SSB+06, TOF04, TWD+08, VHS97, VWTK18, WGW+19, YLD09]. **first-passage** [SSB+06]. **first-year** [TWD+08]. **Fish** [AMJRD19, DOLP+09, KPBK08, Mun14, RHZ+03, SVAGRCS04, APMN+17, ADRS19, BGIJ+06, BH08, BLSW05, BHS+19, BHH+14, BMH08, BTR20, BDL+14, CRNP06, CRA+20, CMH09, CTW+20, CSF+12, CSGV13, DLLK15, DSBS20, DC12, DM16b, DSC+19, DBBWH20, ECD06, FARLR+13, FWC+12, FNS20, GMD07, GS06a, GDAMS19, GPCC+17, GKGW22, HCWH00, HBC+12, HSR+22, IMG+19, JRGLJ+19, KOO+24, KBSS93, KMD+11, KBFH14, LCD+24, LTF+19, LRR+04, LDG+23, LCL+22, LWB+07, LLM+17, LZL+22, LTL+23, LTS+13, LRDS18, LMLC+17, LM01, LNDH+17, LOFC00, MSW+13, MHPS19, MRMP09, MGK+17, MBP09, MGN+18, Mun16, NSLAP+17, NA13, NSWY20, NHBM10, OM98, OAH+16, OLP+20, PM10, PK08, PSHF+13, PSUH+16, PPM+17, PFPJ+09, PGPP+13, PBMM14, PDC+21, QSA+09, RWT+20, RAR04, RHPR15, RNP93, SVJRSON04, SVB+19, SDB+19, SSP+09, SM03, SPP22, TP96]. **fish** [TLP+19, UC13, VJP+10, VVM+12, VPdP06, VFFM13, WBD17, WBML06, WAP+18, ZLW+19, Mun16]. **fisher** [LMLC+17]. **Fisheries** [Bro19, Ake19, BRCFP23, CAJE15, EBG+15, HC15, HBC+15, HIA+16, IDSM04, LP19, LS17, MGT+20, MCSF15, MDG13, MPH+16, MHG+17, NA13, ÑB04, Pas18, RSWG04, RSCFT+13, RSCFT+16, Sum19, YKO15]. **fishers** [BHS+17]. **Fishery** [LPK+17, WGNH15, BRCFP23, DVC14, Ham07, HHMF11, HSR+22, KYW20, JMP+19, TMGLM19]. **fishery-derived** [HSR+22]. **Fishery-independent** [LPK+17]. **fishes** [ABB+01, BMK05, BWOR22, BBB+01, CMC11, CSCP13, CLJ+13, CDT11, DTWF17, DLWW23, DT08, ESG+17, FCBD08, JZX10, KL13, LAJP13, LL13, LBM+20, MCL+19, MMID17, MG13, OB22a, OB22b, PKHH17, PDB+20, RVC+13b, RBS17a, RSW+13, RQRVM10, SPH+08, SWMB10, SLB13b, STS11, WZZ+19, WPFB11, YCA+20, ZWQ+19]. **fishing** [GPF16, MES+23, MSA+14, RH14, JMP+19]. **fit** [Eks07]. **fitting** [TC06]. **five** [DLKP14, FBB+13, Fir96, HBB+13, LHZ+16, RQM+08, SDB+19, JSWB21]. **fixation** [BPD+11, FSL+01, HBCO01, HSM+01b, OLG+01, PHH+06, RWR+02, SLB13a, TWPP07]. **fixed** [PHD+18]. **fixing** [JJVH18]. **fjord**

[dSVC+14, Fer06, TBSP+18]. **fjords** [HA10, PS04a]. **Flabellum** [WTS08]. **flagellate** [BN97]. **flagellated** [SDMC03]. **flagellates** [TB98, ŽSN+18]. **flank**
[CRD01, IAA96, LM01, LBB+06, MC06, MPPR14, MT96, RYT01, SMS01]. **flanks** [KBW+11]. **flatfish** [WSB13]. **flatfishes** [ZRG16]. **flavescens** [RSCFT+13, RSCFT+16]. **flavours** [DVCG+12]. **fleet** [MWT+17, WSP19]. **fleets** [LFKF+17]. **flexibility** [BCBB12]. **flexible** [MNPT06]. **flexible-composition** [MNPT06]. **flexion** [GLCU+17]. **Flight** [GMD07]. **Flo** [SHF+95]. **Float**
[RF99, BB03, BS05, BS06, CDDC03, KMG+20, PK13, SGL99, SS13b]. **floaters** [IPH+17]. **floating** [CVF11, SSG+11]. **floats**
[CWS+23, CMRI13, Fre13, GMCR18, Gou05, HMSMK04, KK20, KOR06, PR05, RG03, SRBR05, WXL+23]. **flocculation** [MZR+95]. **flock** [RMBW07]. **floe** [HNW+08, HEW15, PCL22, SWH08, TKF16]. **floes** [LKJ+15, THT11]. **flooding** [BSG+11]. **floor** [AS02b, BS98, IATK17, KHL+01, LSM+06a, RHD+11, RSdV+09, RBP+94, SBG+98, WL02]. **flora** [KPPL00]. **Florida**
[LWL+24, LWZ+23, NWZL23, SWLL23, WKM+07a, CLW+23, WZL+16]. **flotsam** [GMCR18]. **flounder** [DDAH+14, DMH19, SCH+19a]. **Flow** [BSN18, CDDC03, EB01, PWP+05, Pin93, vGFGS02, BSX+15, Ben13, BFK+14, DO96, FGB10, GPÇ18, GPC14, HRT14, HFK+02, IHI+97, JS14, Jur20, LVJC17, LS04, LH06, LWC05, LAPL+16, MTB09, MPI07, MBS05, MSNL09, MSK+19, NLSL09, OSCS00, PPT+10, QC10, RG03, RWN+08, SSY+05, SOS01, SJL05, SM23, SS99b, TWL+15, TMC04, TS03, WGR+97, WEB93]. **Flow-induced** [EB01]. **flows** [Abr19, Bas19, CA06a, HBSL01, HB05, LDV+02, PS20, Uml05, VS99, Web19, WCL22, vOSG+11]. **fluctuation** [PC18]. **fluctuations**
[DBC+19, GNHS05, Led93, LB93, LZB96, MALT05, PC00, SHN+07]. **Fluid** [GPÇ18, ACBV+18, CSG+15, CPW+18, FC15, HGK+18, Joh19, OGG+15, SO98]. **Fluids** [RÇG18, iITT+15, PFC09, PFAZL09, SLS+09, VB98]. **Fluorescence**
[GdRGH+14, HWS+98b, MT96, WLC99, YCN+10, CZVR02, DN97, DPS+11, DPY14, MGT16, NRH+06, OSCS00, SMS20, VKG93, VLR+02, YAS+93]. **Fluorescence-based** [WLC99]. **fluorometry** [CMG+11]. **flushing** [GBG15, LBY+10]. **Flux**
[AS01b, BNM08, BHJ99, CRR01, DD06, Heb00, KHH+17, LMB+98, SBCH02, SAM+00, TBB+08, WCH+93, WC02, ABD+13, ANL13, ACH02, AE02, AAMF+02, AKBD13, Ano08, AMH+01, BCH+96, BHMK08, BFL00, BAH+95, BTS+08, CAFK03b, CRP+05, CFT+04, CCC+03, CDH+00, DURP03, DSvR+18, DB02, DWW+02, FBS94, FL02, FUGG+09, FS02, FPB04, GS08, GPK02, GZZC10, GK02, HTS+09, HH93, HMW00, HHD+09, HFP94, HRM+11, HDW+20, ILWH03, IPH+17, JB01, KAW+16, KCD+96, KH02, KRF01, KFF+94, KPPL00, KCY+16, KSU+08, KSS00a, LBV+08, LNJ+00, LSdC+10, LSUB94, LL01, LMA08, LAC+09, MQ01, MY99, MHG+04,

MFG+93, MW99, MHA+01, MDTS08, MDT+08, MBM+00, MKH+05, MBT97, MSB96, MKVT+04, MYN+96, NGM+20, NFD+02, OTOH05, OT12, PFP02, PP93, PFW+09, PLPS98, PF06, PDY20, RLPF07, RWRS08, RL97, RSR+00].
**flux** [RBH+20, SSH+02, SH00, SE96, SF11, SFG98, SMB02, SZG+13, SDCH99, SBD+97, SGM+02, SAM96, TSS+02, TSW+09, TRWB99, TMW+05, WN01, WCB08, YZZ+16, YZ00, vdLCS+11, KND+08, NKD+08].
**Fluxes** [AMN+02a, BA94, CB00b, GSK02, RH99, ADV+01, ASBM02, ÁRR02, AKH+02, And00, ALH+01, BGS98, BS03, BCBF03, BH99a, BZvHH00, BLC+08, CTBNL08, Car07, CCP+18, CWB02, CRR01, DZBR95, DAA+20, DOBH02, DLF+09b, DZ08, DC96, ETDB11, FWG+97, FRW00, FGW02, FCP99, GCS+12, GRS00, GMR+05, GBP00, GHIM04, GRSW00, HTD00, HLG+21, HBT+08, HMS+13, HAF+15, HZS00, HdMR+99, HIN+02, HBCC13, HM93, HDPI99, HFM+00, HBCO01, HWS+13, HWC07, ITT12, IOK03, IGP+06, ITMG18, KOLA+18, KTL+00, KMD+01, LRGH+05, LGHD20, LBL08, LBM98, LFM02, LMB+98, LPW+09, LSB07, LCE+23, MPE+09, MRRG23, MISC+02, MDM+13, MYE+02, MW06, NISG05, NKA+11, OTH05, PIP+02, PKR+01, PDC+99, PAM+14, RLH+03, RS02, RHPC+19, SCGDU09, STJ+08, Sch02a, SBD05, STD+20, SSLA95, SHFM01, SK02, SMD08, SKGD14, SDLZ13, SZB+19]. **fluxes** [SSH+00, Tan03, TMP+19, Thu98, TBBM03, TTA+16, UIS+03, VBM97, WPHL02, WJS+10, WWC+99, WTL+06, WSB+09, XA09, YZZ+19, YHL+12, ZDA+16, Zül05, vWDB+01]. **focal** [MT98]. **focus** [DNR20, GBP21, KGB16, VVV04a]. **focusing** [LMS09]. **focussing** [RT20].
**fog** [CHN+18]. **following** [Bak98, BSL+96, BM15, EBM+18, HSB+16, MGNB96, PR05, RP18, WPJW96, ZDA+16, ZJA16]. **fondness** [BLS09].
**Food** [ADV+01, DRD06, DGK10, GNB+17, NA13, PCP+17, SMD06, SAM+12, WMH+07, WAV+12, ABC+05, ASF+12, AMK+05, AM07, BFSK08, BFM+14, BHC+01, CRD01, COV+08, CNOC13, CS20, DSN+20, DBS98, EMV09, FBBW+10, FHT+14, FTT+17, GGH+00, GSM+08, GGCM17, HS01, HFK+02, HWCT11, HAM+15, IBD10, JCF+06b, JSM+16, KYW20, LK98, LRN+14, MAH+12, MMTT+20, MD17, MKKF18, PTO+16, PDS+17, PDTS08, RJDR06, RWN+08, Row13, SVR+00, SS09, SCSMT20, SLLT10, Thi05, TVL+00, TWG00, VS99, VSR+00, VM13, WLM23, WWH+10, WGNH15, WTI+20, Wit00, WYT19, WPB11, vOSG+11, BH19b]. **Food-web** [ADV+01, DGK10, CNOC13, HAM+15, IBD10, KYW20, TVL+00].
**FOODBANCS** [MDTS08, SMD08, SD08]. **foodweb** [BLOM93, DFK+06, HKAM12]. **foodwebs** [TPW+16]. **footed** [WSP19].
**footsteps** [BM15]. **forage** [APMN+17, DSBS20, GFCS04, GMD07, GS06a, HBC+12, MHPS19, PSHF+13, PSUH+16, RMA+20, SPP22]. **Foraging** [BWOR22, CRJ+08, FEB+13, GHM18, MdSLH13, NBCT13, RSCFT+13, RSCFT+16, RDdL+13, SSB+06, BCF+04, CTH+98, ERPFF11, ECM+06, FMWD07, GBC+13, GMD07, GS06a, HCZ+07, HAGW+13, JHHK14, LGP+15, MCBC08, POİ17, PNVJ13, PWB+06, RG06a, SGD+14a, SMA+17, TCEW07, VGGLB15, Wei07, WLR+00]. **foraminifer** [BW99a].

**Foraminifera** [LEP14, VWTK18, AKHR+20, BGB08, BS21, BJSH14, BRPH20, CB00b, DFA+20, FDR+18, GSB+03, HSC+07, Kha18, KSS+00b, KKNH02, LVP13, LH07, MHG+04, MC18a, PFdSG11, SSR+14, SP06, SNK07, WMW96, CDL94, GBLS00, GdSP11, GAJ+13, LVP15, PBG07]. **Foraminiferal** [LG09, AKI+16, CRM+16, DJC+14, GBSL98, GMBL10, Hus16, JBD+09, KNG02, KTL+00, SSSN19, SH00, SBL+07, SKdS+14, vGCM00]. **foraminiferan** [GHG+04, GCKC07]. **foraminiferan-like** [GCKC07]. **foraminiferans** [CCBL14, CG04, GLdS+09, WPB11]. **foraminifers** [SWZA02]. **forays** [BG09b]. **forbesii** [SMV+13]. **force** [LZS+18]. **Forced** [WWL02, DKJ13, LDG94, PPL+19]. **forces** [MSM+02]. **Forcing** [MMH+08, BDF00, BV98, BA02, CLC+98, CDRA08, CHH+21, CMJ+18, DS21, DWBP13, DD15a, DD15b, EHL02, ERR97, FLLGR04, FHW06, GWR93, GO15, HSR+23, HHW+08, HKC+21, HH05, JKN+05, KRG+01, LBC+98, LJBF00, MPL15, MHA+15, OACA19, OWD13, OBA02, Roy05, SMZ+08, ST13, TGFP02, VTA+11, WCC05, WBO07, WBJ+98, Yu03, ZXH+13, ZT00]. **Forcipulatacea** [Mah16]. **Forecast** [STP+16, CWL+23, LWZ+23]. **forecasted** [SABP+16]. **Forecasting** [HLR+09, TFP+16, BHS+17, CLF+09, CFZ+18, KAM+14, MPM+16, PDB+16, PPL+07]. **Forecasts** [HSSH23, HGB+13]. **foresight** [TSA+01]. **Foreword** [RP18, Sch02b, Sch03, lBW01]. **form** [BG10, MMHB98]. **Formation** [CBF+13, CBF+16, CMPB18, JLM20, Pas16, TKF16, AAG19, AKBD13, BHAL13, Cha07, DSK+13, GWL+15, GF07, Gol93, HRSJ23, HB03, HHR+08, JCPC09, JTDG13, JVL+16, KM05b, Las93, LPA+95, MML06, MDM+13, MCM06, NEO+07, OS02, RPM07, RKHK+11, SSWM18, SPB+14, VPA+20, VS10, WOM+16, YLU+14, You10, ZAC+15, ESA+09, PPR07, Sch07]. **formed** [GZGH22]. **forming** [HZMH07, LB14, SKH+10a]. **forms** [BN05, YET06]. **formulations** [PPS+16]. **Fort** [HGM+11]. **fortunata** [MCB+15]. **forward** [AGHS04, TP02b, TP02a]. **fossil** [DSE+14, RSdV+09, WCSA+16]. **Foster** [BS03, CRBK03, CKL03, KFG+03, KRW03, KL03, LT03, RHZ+03, SGD+03]. **found** [IATK17, JS14, NRSL17]. **foundation** [CBHF10]. **Four** [SGM+02, CK03, CDM23, CLSS15, GGO+14, HKMS03, IOTS16, JZX10, JNBJ17, KC03, KMK+20, KMKA20, LW04, MKD+20, OBC+14, SKKM20, Thi05, WBO07, Wit00]. **four-dimensional** [HKMS03]. **four-member** [Thi05]. **Four-year** [SGM+02]. **Fowler** [MMN10]. **fractal** [LL95]. **fractionated** [CLSS15, DPS+14, FPB04, JPSB93, LOA15, OBM+93, PTD+14, RWR+02, SG99, SH99c, TDKA05, VFS02, VvdLS11]. **fractionation** [EWBW99, vdMLB+11]. **fractions** [CD20, DTP+05]. **Fracture** [BFB+18, CSGV13, CSCP13, CLJ+13, CLB13, DAB+18, DHST13, EQW+13, FVW08, GLMB18, KJB+08, LAJP13, LS18, MSW+13, PBB+13, RKB18, SLB18, SWL+18, SAM+13, BSJ13, BBT+18]. **Fragilariopsis** [DVS+97, HPN+12, NGM+20]. **fragment** [MN10]. **Fram** [BSKD+07, Heb00, SH99a, SH99b]. **framework** [FO05, GBS+22, KG20,

MTR+10, MGT+20, Pas18, RAS23, SM12, SCQ+09, TAB+16]. **France** [NC97, CMP14, FGF+14, MBMM+99, VHC+17]. **Frank** [Ano19l]. **Frederick** [Lut09, SPS+09]. **Free** [LRH+11, SSH+11, Smi11, BTLC98, CVF11, DFMW13, DI00, ETDB11, FMZ15, GGO+14, HKSV11, HSM11, KRS+11, LWW+15, MRE+11, PFW+09, RVS11, REWH11, SCM+02, SRH+11, SRB+11, SHM+11, SSS+11, SSG+11, TLF97, VVV04b, VSC+11]. **Free-Drifting** [SSH+11, LRH+11, Smi11, ETDB11, HKSV11, HSM11, KRS+11, MRE+11, PFW+09, RVS11, REWH11, SRH+11, SRB+11, SHM+11, SSS+11, VSC+11]. **free-floating** [CVF11, SSG+11]. **free-living** [FMZ15, LWW+15, VVV04b]. **free-ranging** [BTLC98, DFMW13]. **freeboard** [SHW+16]. **French** [DMC+17, DLW+17, FPB+14, LPA+17, LAB+17, Mar02]. **French-JGOFS** [Mar02]. **frequency** [BCT21, BWS+98, CLB13, CMJ+18, GPC14, GKBG17, HZW+23, KRGT14, LDV+02, LWSA08, PCT18, SLP+09, SPF+94, UY04]. **Frequent** [SSHB03]. **fresh** [Cra05, IIM+09, KFW01, SSB+17]. **Freshening** [ACSG15, KNK15, KxF22, RAC+20]. **Freshwater** [HCG19, JCP+22, WDR05, AVS+20, Car07, DHS+09, DRS10, MBW+08, PSWF19, SP19a, SF11, SMB02, SJM02, SBS+02, vWMR+17]. **Frictional** [Gar04]. **Fridtjof** [RAB+17]. **fringing** [HKY+13, LWSZ13, ZHY+13]. **Front** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, CSP05, CP02, DPS+11, JDD+11, KMD+01, NGS+15, NDD+14, SH02, SBvdL+02, SLB13b, vdLBB+02, AAB+97, ACG19, BKD06, BCKH07, CCM15, DL01, EB01, JLTD11, JMN+15, Joh96, KHS+02, KT06, LM01, LBB+06, MKT+15, MRD13, MXC15, MT96, PRA+95, PBB+13, RJM+15, SHWW22, UGSK+20, WOU06, XZM+23, YO96, YLH+10, AS02a, AGS+02, Bai09, BVB14a, BVB+14b, BHJ+14, BL01b, CSW+17, DURP03, DO01, DLB02, DSJ+11, FGW02, FS07, GSK02, HMH+02, JSSW14, LSB+02, MAB+01, MLBB14, NGS+15, PH17, PRMM+17, RGTV97, RTB02, RPA07, RPZ+14, RFB97, SM00, SWZA02, SLA+01, SHB14, SAM05, SKMDR02, SGB+02, SWGPK17, TPS+15, URDP01, WZB+14, vFvdBB+02]. **Front-Current** [AGS+02]. **Frontal** [ARLB00, ARNB01, AF01, BGDT11, CEG+11, ETDB11, FBCN00, HPM02, LBR+11, TLK+02, WGWW11, You10, BvWR+20, BWC+02, CHSVB+19, DSN+20, FSK+02, HFP94, MT15, MNV+20, Mun14, Mun16, PG97, PPRL02, SGA+15, SRHP23, SRY04, SGP+02, TP96, WCL22, CHR97]. **frontier** [SBL+18, WAM+18]. **frontiers** [HD17, Lut15]. **Fronts** [BPRS11, BHH+14, HLZY10, VMAW12, BH15, BY04, CC15, HZZ10, JCPC09, aLCS15, LNDH+17, MDSA19, MB01, MST+14, Mun14, Mun16, MHM+14, NBCT13, PS19, PRP15, PO15, RAF+11, SGD+14a, SA14, SGW+15, SBA+20, TNT+15, TSB+14, VPS97, WH01a, ZPG14]. **FRS** [MLB+10]. **FRUELA** [AE02, CAMA+02, LAF+02, PIP+02]. **frustule** [AWL+09, MGC+14]. **frustule-bound** [MGC+14]. **fry** [BRCFP23]. **Fuca** [DCS+18, MTB09]. **fueling** [CGM+07]. **fuelled** [SAVP12]. **fuels** [AMvD+12, GAL+12, GAL+20]. **fugacity** [WTL+06]. **Full** [SIFS10, TR02, Ang10, RPS+11]. **Full-depth** [SIFS10, TR02, RPS+11].

**fulmar** [EQW+13]. **fumaroles** [BAKF03]. **function** [IS07, MBP+20, SH16, SCSMT20, VPdP06]. **Functional** [GLF+03, APB+09, CCK+16, HLA+06, IBK+11, JBR+18, KRHS20, Mah16, MARFP08, SHY10, YLD09]. **functioning** [CHS17, HWJ20, MBT+14, MKD+20, MCD+09, PCP+17, RBDO17]. **fundamental** [GDIK02]. **Fundy** [ER05, MPH+05, MLH14]. **fundyense** [ASK+05, AKM+05, AKK+14, Ano05a, ABS+14, BFK+14, BAD+14, DPS+14, DTP+05, ER05, KCMA05, KCA05, LLK05, MPH+05, MLH14, MAST05, MALT05, MTK+14, MBC+14, PTD+14, PKA05, SKM14a, SMSA05, TBT05, TPT05, TMTR14, TDKA05, VCM+14]. **Fungal** [NMN+17]. **Fungiacyathus** [WF13]. **furcilia** [VMF+16]. **Furrow** [BRSB16]. **Further** [LCL+09]. **fusiformis** [RMBW07]. **Future** [WOS12, AS01a, AKK+14, ASBR17, BMR+14, DABF+16, EEAA+19, HBSL01, HHMF11, HGB+16, HAE+15, HMHY11, LTF+19, LAGK+18, LBM09, MBT+14, MGG+17, MHG+17, PDC+21, RDW+22, WWC+19, XGF18].

**G** [Ano97b]. **G.** [dLWFB08]. **GA** [BAC+15]. **GA-03** [BAC+15]. **GA03** [BSS15, JSBC15, SSUB15, FCW+15, HMW+15, HAF+15, JM15, RSB+15]. **Gabon** [CBNR+09, vCO09]. **Gadidae** [EGOO22, EBG+22]. **gadids** [CSS+22a]. **Gadiformes** [EGOO22]. **gadoid** [Mun14, Mun16]. **Gadus** [BZS+16, BD06, CCC+23, Dri09, DABF+16, EZB+20, EBG+22, EMB+22, FHAH16, GEP+16, HSC+19, IAA96, JGM09, KVS+09, MMS+19, MES+23, MDH16, MZH16, NHCL14, RG06a, RG06b, SRFR07, SCD+22, SH16, SHPM14]. **gain** [LWJR22, PTO+16]. **gained** [BVB14a]. **Galapagos** [SCC98, HTML98, HWS+98a, LCK+18, MYL+98, SMY+98, VAMPR+17, Pal04, SWB+18]. **Galatheidae** [CRT+00]. **Galatheoidea** [CNM17]. **Galicia** [CPF+14]. **Galiteuthis** [SRS+20]. **Galway** [LDBvdB17]. **Game** [FSP+16, GGM+16]. **gamma** [STWW01]. **gammarid** [AGD96]. **Ganga** [CRP+05]. **gannets** [GMD07, SGD+14a]. **GAO3** [JLL+15]. **Gap** [LC16, LCS16]. **garden** [HCBL+17, VSFF09, dMGPT+14]. **Garveia** [SC15]. **Gary** [HWWM19]. **Gas** [SE96, EMEP18, GHD+18, HLS+11, JKB04, KWN+09, MS18, RDC+18a, RDC+18b, ROBV+18, SHL+11, SBL+18, WPB+16, WAM+18]. **Gascoyne** [HWTP07]. **Gastropoda** [CKFC18, CSE+22, NCK+22, SBE+07]. **gastropods** [CKFC18, FHK18, GFS15, JBOH10, SWZA02, SBB+11, WB09]. **Gateway** [MWFS17]. **gaudichaudii** [WT12]. **gauntlet** [SCH+19b, SCH+19a]. **Gaviera** [SGPD+14]. **gazella** [AHB+17]. **Gdansk** [BRSB16]. **gear** [HKY+13]. **GEBRAP96** [CR06]. **gel** [RSF+99, VS10]. **Gelatinous** [SHM+20, MCCM+98, YSHS08]. **gelbstoff** [VLR+02]. **gen** [CAK15, MB07a, SM15, UC13]. **Gene** [BMB+18, LVJC17, ETP+16, EGOO22, EBG+22, JBR+18, XGL15]. **genera** [BVL04, BV04, CP18b, LdSN+18]. **General** [AKM+05, CDJ+22, DGP20, GG02, Hei02, KIY+05, NP03, VIY02, WMC06, WBA03]. **generalised** [BDL+14]. **Generalization** [Abr19]. **generalized** [KMD+11]. **generated**

[Che02, CHG15, JMW+20, LH06]. **generating** [MC12, MTWH04, Rog00]. **generation** [ASM06, DFC05, PHM06, SA02, SAK05, SPW+22, SHA04]. **genes** [CCK+16, MHC+10, RSF+99, YLD09]. **genesis** [ÇYB+18, CSG+15]. **Genetic** [ASMM11, CRT+00, MMN10, BLBW+11, BK96b, CSM13b, FRBB10, HD17, MN10, PBG07, RLB18b, RCCP13, SWK+23, VVM+12, VWTK18]. **genetics** [BTM+98]. **Genome** [XSL+17]. **Genome-wide** [XSL+17]. **genomes** [FB14]. **genomic** [XZW+19]. **genomics** [NTA+10, XSL+17]. **genus** [ADE22, BDR16, CSE+22, CB18, CRT+00, DFD+11, DQC14, ELG+22a, ELG+22b, GJ11, HRS+23, KBK+18, LMS15, MNN10, MM15, MFS+23, OKH+22, TY98, UC13, VVV04b, XZW+19]. **geo** [KFS+17]. **geo-** [KFS+17]. **Geochemical** [FDP+14, GKH+07, GBC+05, SA15a, SBS+00, WZ03, YLR18, ZSLL15, ACBV+18, AST07, ASV18, BHSJ16, BHS+10, HdVGHM02, HFL+15, KHL+01, MFN+02, OTK+05, PBVC+16, RHD+11, RH07, RGS+15]. **Geochemistry** [Cha03, FSCC07, SA18, ÇYB+18, CKH+05, FBCP01, GMC97, HHP+96, HWS+07, ITM+12, KBI+11, KSS+00b, LPFS97, MMG+07, MT11, MMWM00, MAR+17, PPR07, RAF+14a, RAF+14b, RSP+98]. **Geochronology** [RSP+98]. **geographic** [LZZ+16, NLHB01, NHS+13, WGG98]. **Geographical** [BE00, OUJ+19]. **Geography** [YXZ+22, NHCL14]. **geolocation** [Eks07]. **Geologic** [GTB15, CES98]. **Geological** [SBDB09, Tho04, CTT09, FSG02]. **Geology** [SDGH14, MT11, RSH10]. **geometrical** [TC06]. **Geomicrobial** [CBB+98]. **Geomorphic** [OBC+14, NHD11, PGM+15]. **geomorphological** [WGW+19]. **Geomorphology** [GBDM+14, HBCG14, KBW+11]. **geophysical** [GPMZ+10, SC10]. **George** [HB03, KIM08, NKA+11, BH03, DZ08, EBG+11, HBBD03, NHH+13, PS03, PBO+11, PDBH03]. **Georges** [Ano97b, DL01, GDE+96, MLW+01, TMTR14, ADGA01, ABB+01, AGD96, BDW+96, BBR+96, BSM01b, BHC+01, BD06, BK96b, BGMH01, CRD01, CBF01, CHV09, CBS+01, DVC14, DPS+14, DC06, FC01, GTTKB14, HLNO96, HF01, IAA96, JCF+06a, JCF+06b, LCD01, LMDW06, LB96, LM96, LCR+96, LM01, LBB+06, LLW01, MB96, MS01, MC06, MB01, MTK+14, MO96, MT96, NLHB01, NDG96, PWMC01, PTD+14, RPJ+06, RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TLW+94, WPLN96, WMS+96, WB96, WBBM01, WBML06, WBI+01, WOU06, YO96]. **Georgia** [JBVW12, LCE+23, MMH+08, WT12, YMMC11, APL+23, BJK+22, CWS+23, GSB+23, HKAM12, KWW04]. **GEOSAT** [WEB93]. **geoscience** [GDIK02]. **GEOSECS** [BDM+03, MPS+03]. **geospatial** [LB18]. **geostationary** [HF21]. **geostrophic** [BB03, Cok16, GGLP02, MRM+12, PS20]. **Geotechnical** [GBO01, MMM+00]. **geotechnics** [MMWM00]. **GEOTRACES** [BAC+15, BSS15, FCW+15, HAF+15, JLL+15, JSBC15, LOA15, MHFM15, OL15, RSB+15, SSUB15, BHLS15, HMW+15, HAF+15, JM15, NESB+15,

SML15, vdLCS+11]. **Geotraverse** [HTT15]. **Gerlache** [ÁRR02, DÁSCP02, ME02, Fig02, GCR+02, HZL94, IMP+02, KOLA+18, KGdC+18, LAF+02, MTD+18, RVZ02, RJGBF02, VFS02, dCHdOF+18]. **gerlachei** [KL03]. **German** [BM15]. **germination** [SKM14a]. **germling** [VCM+14]. **Getting** [MCH+13]. **Ghanaian** [BMSBM+17]. **GHRSST** [DIM+12, MDI+12, MDI+12]. **giant** [CBNR+09, MAR+17, OCG+09, PCL22]. **Giantism** [SLT+14]. **Gibbs** [BSJ13, CSGV13, CSCP13, CLJ+13, CLB13, DHST13, EQW+13, FVW08, KJB+08, LAJP13, MSW+13, PBB+13]. **Gibraltar** [PNLFS02, PNLF02, PNLFS03, RVJG+05, BAC+02, ELB+02, LDV+02, PNLF02, RVJG+02, SCGDL02, SWC+02, SABP+16]. **gigantea** [JLL+13]. **gigas** [FEB+13, NA13, Sei13, SFMG13, SGFP13, TS13]. **GIS** [AKZL16]. **glaberrima** [EWF+18]. **Glacial** [ACFS02, HFM+02, LXWC21, LAT+18, Mun07, NGM+20, BL98, DW15a, FAS+03a, FLMF07, GBC+05, HSS+12, LRM07, MK21, YKY+07, CMVS+10]. **glacial-Holocene** [GBC+05]. **Glacial-interglacial** [NGM+20]. **glacial/interglacial** [LRM07]. **glacialis** [PCAS05, SRS+20]. **glacialis/marshallae** [PCAS05]. **glacially** [DBD03]. **glaciation** [BDE07, YK16]. **Glacier** [SMV+03, VSGM03a, VSGM03b]. **glaciers** [AMvD+12, GAL+12, GAL+20]. **GLAD** [WJR+16]. **gladius** [LPK+17]. **glass** [GJ11, NB10, SRS+20]. **glauconite** [Cha07, WC07a]. **glaucony** [AST07]. **Glider** [MLW+16, HDGM19, JR15, KMG+20, PO15, SRA+09, TBPS22]. **glider-detected** [PO15]. **gliders** [DLF09a]. **glimpse** [JSSW14]. **Global** [AS01b, ADK+15, BHJ99, BTS+08, DD06, DKP+17, GMR06, HWCT04, LPL+20, SBCH02, SE07, SAM+00, TSS+02, TBB+08, WCH+93, AGHS04, BBN97, BMML06, BSH+11, CFS+06, CH07, GHM+12, Gre01, GGSC03, GC07, Hei02, HK19, HMHY11, JDL+12, KIY+05, LS17, LHX+22, LH15, MFH04, MTT+12, MDK+01, MRM+12, MGG+17, QQJ+21, SHA04, SMD06, TSW+09, WOS12, WLY+22, WR15, WLT20, YBRT17, TFR+10]. **globally** [TTL+16]. **GLOBEC** [HWCT08, HD07, MLW+01, TSZ10, WAL+11, Ano07b, BLSW05, Eck94, HWCT11, HHP04, SF04, WBBM01, WBML06]. **globosa** [SLT+14]. **Glucose** [KMD+01]. **glues** [DD95]. **GMPE** [MDI+12]. **gnathophausiids** [LDBS+17]. **Go** [SHF+95, BRG+19]. **Go-Flo** [SHF+95]. **GO-SHIP** [BRG+19]. **GOAIERP** [DB16]. **GOAL** [MTG18]. **Goban** [HDF+01, HSM+01a, HCG+01]. **going** [KCZ+19]. **Golfingicola** [SM15]. **gonad** [GGRJD+10]. **gorbuscha** [ABC+05, MBC+09b]. **Gorda** [RSP+98, SB98, Bak98, CES98, CBB+98, FBL+98, FD98, JBS+98, KLLO98, MBF+98, WH98]. **gorgonians** [RVC+13a]. **Gorringe** [HC13]. **governance** [EHB19, GKB19, MGT+20]. **governed** [GKB+18, RBS+17b]. **governing** [CMRL11, DLF+09b, NRH+06, PVT+21]. **GPS** [HEW15]. **Gracilechinus** [GIPLL+14]. **gracilis** [HCAK17]. **gradient** [AMN+02a, BHS+19, GARVK04, JHHK14, LBE06, MS09, NFD+02, RSF+99, SLB18, SBH+02, TŠŠ+19, TMP+13]. **gradients** [BV98, BY04, BASLK04, ECM+06, GNG+22, GLdS+09, Kli09, KVS+09,

KNN+06, MGHN01, MBG09, OMS06, OBKA17, PO15, RJGBF02, SBB+11, TBSP+18, VTD+20, WZW+95, WGG98, Zon97]. **graduate** [CPM+18]. **grain** [Mil94b]. **grain-size** [Mil94b]. **grained** [JWCC99]. **grains** [WC07a]. **Grand** [DPK+14, DKP+14, PDK+14]. **Grande** [HCBL+17]. **grandis** [GW98]. **granulosus** [CGD+15, SLC+15]. **Grassle** [Lut09, SPS+09]. **gravel** [CHV09]. **gravity** [GOM+09, TWL+15, VT09]. **Gray** [BFS+17, BCKH07, CBK+07]. **Grays** [PCF+18]. **grazers** [NED09]. **Grazing** [ASH+11, DB97b, ML20, PF04b, SBB06, BMHR08, BGH99, BTUV08, CAMA+02, CAH+09, CTCD05, CSA+09, CAS+16, CLSS15, DZBR95, DLR11, DVPR06, FWP+07, Fro04, Kla97, KLD21, LCK95, LBC+98, LDS+08, LST+11, LHD+22, LLB+00, LMG93, LYN+13, LLS+19, MTE+02, OT03, PTO+16, PAR+08, PKW07, PDT+10, PDT+11b, RSW+00, SRHP23, SVC+08, SLT+11, SSH09, SSR13, SWG14, SF08, TB05, URDP01, VSSN96, YOK+10, YOO+10, YHK15, ZDWR95]. **great** [AAB+97, BEC+96, Beg18, BPM18, DSvR+18, EMEP18, EPHE18, FKS18, FBPG18, GDE+96, HKM00, HRM+18, MBG18, MB96, OGRdO18, Pas18, PvRR18, PHE+18, WAP+18, WAM+18, WWS02, vRPD+18]. **greater** [YWI+02]. **Greece** [TKP+20]. **Green** [OSCS04, TB98]. **Greene** [Ano97b]. **Greenland** [MW99, And00, BK99, CFK15, FPHH+09, GFS99, HMHY11, LGQ99, MCJ+99, NRM+99, RPB99, SDCH99, Tou99]. **Greenwich** [BFH+11, FHR+11, RPB02, WS11]. **Grenada** [MS18]. **grenadier** [MSW+13, RCCP13]. **Grey** [VHC+17, MCS07]. **grid** [TFP+16]. **gridded** [CMR+18]. **Gromia** [GBBS00, dSG09a]. **gross** [Ano97c, BDO00, LMM+97]. **Grotto** [RBXM15]. **Ground** [KSB+03, NKE11, MSB+03]. **groundfish** [GBS+22, GBP21, MCS+09, PSZ+19, UKM16, VCDAL14, ZRG16]. **groundfishes** [DMFB19]. **grounds** [GSC+19, KHT+20, NDD+14, PCF+18]. **Group** [BKS+10, MTG18, HLA+06, MGT16, DIM+12, LMB+98, MDI+12, BVL04]. **group-specific** [MGT16]. **groups** [BRJM18, CAGL13, DRVVS+14, KRHS20, MBMM+99, MKT+15, PAR+08, SWBKK10, SHY10]. **growing** [GDIK02]. **Growth** [AELP14, HCAK17, LLT+00, PB13, PFDD16, RQNO04, SPF10, SCD+22, STS11, VKG93, WBA+17, ARWM13, Arm03, AMK+05, Blu93, BHC+01, BFML+08, BKCV10, BD06, BES95, CD99, CLC+03, CHPF10, CMNO23, CWTJ03, Dal04, ER05, FCG+96, FJG+00, FNS20, GSMB01, GKBG17, HWK+14, JLB+99, JGM09, KUT+20, KKK+17, KM15, KMC05, KKUK10, KUN10, KLD21, KVS+09, LBC+98, LST+11, LPdR+14, LBE06, LCL+98, LZL+22, LAF+02, LBB+06, MBHP99, MBD+17, MSH+07, MBC+09b, NLY+13, OVKN11, OS02, ÖCB+04, PAM+04, PDT+10, PDT+11b, PC08, PZT+19, RRL+14, RNB07, SRHP23, SRS+20, SBQ+02, SLA+01, SW01, SRFR07, SH16, SFW+13, VSM17, VSGGPR14, VFFM13, VM13, VKM+10, WZC+19, ZZP04, ZDW+20]. **grypus** [MCS07]. **Guangdong** [HZW+23]. **Guaymas** [PUP+07, Sot09, ZT00]. **Guéthary** [CMP14]. **guild** [DND04, WBD17]. **Guinea** [BMSBM+17, GMR+09, OCG+09, VGSV09, VPA+09, vCO09]. **Gulf**

[Ano97c, BMHR08, Blo02, BCB+18, BHSJ16, BSL08b, CBV+16, CM16a, CBPT05, DB16, DTP+05, EBGCL08, GPMS+16, LCH+09, MML06, MB08, OMAA18, PUP+07, QNL+16, SVJRSON04, SW08, Sot09, SYK+13, TDKA05, WC01a, ZT00, ALHP18, AISR+16, AAG06, AYN19, AYMSAS19, AHN23, AD08, ASK+05, AKK+05, AKK+14, ACK+14, Ano05a, Ano06c, ABS+14, ABC+05, AAW+16, BGIJ+06, BKP+19, BH08, BC05, BOHW22, BCN+16, BLM+10, BGB08, BHMK08, BSM01b, BT04, BPR+10, BWOR22, BMSBM+17, BAD+14, CTCD05, CB16, Car10, CRNP06, CJA+06, CH24, CWS05, CHV+15, CM16b, CCM15, Col16, CDM+16, CPH01, CBHF10, CP05, CHH19, Cra05, CAGLV+06, CBA+05, DMFD19, DMFB19, DHM+22, DGR02, DWBP13, DO19, DMH19, DPS+14, DC08, DGK10, DSO+00, DHS+09, DQC14, DM16b, DSC+19, DKI+00, DI00, Duc93]. **Gulf** [ESK+23, EBDL08, ER05, EWF+18, FLLGR04, FR10, FHR+14, FME+09, FA02, GLCP12, GMR+09, GOH+15, GLDCA+06, GPMZ+10, GPF16, GSC+19, GBS+22, GDAMS19, GKR+18, GKQ+05, GMPS04, HDK08, HHD+09, HLC+16, HMLS+06, HS05a, HGAB04, HCG+09, HPH+16, HSC+19, HKY+13, HNRGL06, HDJP05, JWO+09, JCP05, JD08, JASS02, JMSW05, JPC06, JTDG13, JBS+10, Joy16, JBÖ+16, KMLC+04, KAI21, KCMA05, KCA05, Kel10, KTP05a, KAM+14, Kli09, KLČ+19, LSC05, LMM+97, LSM+06a, LPPC+10, LPPCF10, LHM14a, LHM14b, LDGH16, LM13, LBD+22, LL14, LLG+16, LSWH07, LLK05, LTH05, MSH10, MPMD+06, MHB+23, MMS+16, MTK05, MMS+19, MPC99, MAST05, MALT05, MBC+14, MHTZ19, MHPS19, MO96, MHC+10, MHSV18, MSK+19, MCS+09, MBC+09b, MZH16, MSB96, NOLASZ04, NRH+06, NR06, NWZL23, OMS06, OT10, OCG+09, OJK+10]. **Gulf** [OBH+19, PCB+00, PHH+16, PBGCD+13, PWH05, PTD+14, PCJ+05, PHK+14, PAM+14, PSZ+19, PSAY20, Pri06, QED+14, RT14, RMCAR06, RFJ10, RSH10, RSRL00, RPF+16, RQRVM10, RWN+08, RK08, RMNB08, RSR+00, Roy05, RGIH+06, RGL06b, RN06, RYT01, SCL+04, SVAGRCS04, SMR+06, SR08a, SVB+19, SVR+00, SRY04, SKD+16, SKM14a, SDB+19, ST13, SMBL19, SHFM01, SR08b, SCB+16, SBC+16, SGM+14, SCS+98, SSC+00, SMSA05, SCH+19b, SCH+19a, SMB+18, SFB16, SFB19, SPP22, Tho97, TTFJ13, TC06, TMC04, TBT05, TPT05, TMTR14, TLKT00, TB05, VGSV09, VPA+09, VALW23, VSR+00, WSS+08, WJS+10, WJR+16, Wil08, WC01b, YSMW05, ZL23, ZDA+16, Zim19, ZDO19, vCO09]. **Gulfs** [GSdAMNMM04]. **Gully** [GPC14, KCM+14, MKKB14, MM14, SSG14]. **Günther** [KPBK08]. **Gurjanopsis** [MB07a, MB18]. **Gurjanova** [EGMB13, MGE13]. **gut** [WPFB11, YOO+10, YQMB20]. **Gwaii** [HBCG14]. **Gymnocanthus** [GNB+17]. **Gymnodinium** [FRBB10]. **Gyre** [JPM99, AKBD13, Bat01, BTR20, CSH+13, CBF+16, EBB+08, FHR+11, GPCT23, HLG+21, HZT+06, KQ02, MML06, MSC04, MWF+19, MSS+02, NI10, RKHK+11, Ros99, AKH+02, CBF+13, Gol93, HdBB+02, KBL01, KFHR05, LKL+13, SF99, TMW+05, vHHH+11]. **gyres** [BGKB06, KKNH02, MSC+19, TTLP06, GSW+09].

**H** [Ano97b, Ano97c, KLLO98, MPS+03]. **H3** [PC00]. **H3/M1** [PC00]. **HAB** [ACK+14, RMK+14]. **habit** [SNH+23]. **Habitat** [BFDB17, BNKJ23, DAB+18, EHK+20, HHMF11, LVP+17, PMF+17, PSZ+19, PTS17, SGPD+14, SLS17, SMV+13, SJJ19, AD08, ADK+15, AHB+17, BF14, BRBD17, BWH+17, BCF+04, BHBC08, BOH+04, CV17, CWEHT22, CW15, CWE+17, DHS+14, DVS+14, DW15b, EWF+18, FRH+98, GPCC+17, HCBL+17, HH03, IABR+17, JMM+13, KG20, LLD+17, LPD+17, LWJR22, LGP+15, MDTS11b, MPF+17, MSNL09, MM14, MST+14, PHE+18, PRORSV+19, PWB+06, PGM+15, PGPP+13, RDW+22, RCM+17, SDT+17, ŠH11b, SCD+22, SFH+18, SSB+06, SBG+06, VGSV09, VMAW12, VSR+10, WMB+13, WL20, WNHF+15, YSMW05, YSBH06, YBRT17, ZRG16]. **habitats** [AP22, AMTE09, BvGH+17, BRBD17, BHSJ16, CHV09, DGT+17a, DCF+18, GSM+08, GBJ+15, HYMD11, HBC+12, JBS+10, KBFH14, LRL+22, MdSLH13, NRSL17, NLSL09, NDE14, NBCT13, PBO+11, RRT+17, RSB+17, RHPR15, ST07, SKdS+14, SJST13, VLP+17, YK05, ZLW+19]. **habits** [ABC+05, GNB+17, KHT+20]. **HABs** [Rai14]. **Hadal** [JFC18, JSWB21, BFB+18, CW18, JLL+13, Jam18, KBR18, LMLJ18, LS18, LWWF18, RLB18b, RJP18, SWL+18, XGF18]. **Hadd** [BMM+99]. **haddock** [BD06, LM96, LCR+96, WPLN96]. **HadGEM2** [TdFAL19]. **HadGEM2-ES** [TdFAL19]. **Haecker** [PPC+07]. **haemoglobin** [VPdP06]. **hagfish** [CHG15]. **Haida** [CBPT05, DFC05, HBCG14, JMSW05, MRC05, YC05]. **Hainan** [bLHsL+13, ZHY+13, LWSZ13]. **hake** [SSP14]. **Hale** [NCL13]. **half** [BCW03, CTBNL08, LPA+95]. **half-lives** [LPA+95]. **halibut** [Loh08]. **Halichoerus** [MCS07]. **halides** [MW06]. **halocarbons** [ALWW04]. **halocline** [AKH+02, GF97, MTT+12]. **halogenated** [ABC+04]. **halomethanes** [HTS+09]. **Halomonhystera** [GK16]. **halosaur** [KPBK08]. **Halosauropsis** [KPBK08]. **Hamilton** [LPZ+04]. **hand** [YKN07]. **hand-raised** [YKN07]. **Hanging** [HBCG14]. **Hanna** [ACG+17, DGT17b, LGHD20, LMM+17, MD17, WFW+17]. **happened** [AGL+19]. **haptophyte** [FGF+14]. **Harbor** [KSDE16, MS09]. **harbors** [BMB+18]. **Harbour** [BvGH+17, TFR+10, VHC+17, LPZ+04]. **Hard** [RVD+10]. **Hard-** [RVD+10]. **harengus** [Pro09]. **Harmful** [RBMY14, BMR+14, SLT+14, Ste10]. **harmonics** [AVA23]. **harp** [FPHH+09]. **Harpacticoid** [Thi98, STFL+13]. **Harpacticoida** [AS01a, SLB18, VK04]. **harvest** [JR04, RH14]. **harvests** [FBB+13]. **hatchery** [WWB04]. **hatching** [CMNO23]. **Hattera** [SSV02]. **Hatteras** [AAG02, ASBM02, BH94, CLT94, CDL94, DCR94, GAC+02, LRV+02, MBB+02, MP94, RLVF02, TBA+02, BD94, Hec94, RH94, Wal94b]. **haulout** [VHC+17]. **having** [IUdV+12]. **Hawai'i** [DNK+08, KND+08, NKD+08, TD16, BL96, CFJL96, CCW+08, Chi96, CW15, CBT01, ESW+16, EFR+16, KL96a, KL96b, LSM96, Mah16, MBNRB08, Mit96, MTDK98, RAL+01, SKM01]. **Hawaiian** [DVS+14, CRJB08, KM96, Mah16, MBK08, NSMBN08, RBN+08, VMM+08]. **head** [OACA19, PGM+15, RGS+15, SW08, SR08b, WC07a]. **HeardMap**

[FG07]. **hearing** [EF98]. **Heat** [Cra05, KDU+10, MMXS02, RJP18, SJM02, BOHW22, BCBF03, CL15, DAA+20, DZ08, DRS10, FHR+11, FWR+02, HWP+11, HFP94, KAW+16, KIS02, LBM98, MS12, MSB96, RS02, RBXM15, RFHL99, SE96, SWC+02, SMB02, SWLL23, SBS+02, VGF02, WDD+22, WZW+22]. **Heat-shock** [RJP18]. **heating** [PLRV22, WTSP07]. **heatwave** [MCH22]. **heatwaves** [HSSH23, QQJ+21, YWW23]. **heavens** [GBI10]. **Heavy** [Kos01, OPV11, KFW01]. **Hebrides** [LMLJ18]. **Height** [DKdS+03, LBB11, WP17]. **heights** [Mit96]. **Heinrich** [CMAO+12]. **helgolandicus** [UFAK06]. **helicina** [BTFB12, BJF16, PTM+16]. **helium** [JLL+15]. **hemisphere** [LBM09, BCH+19, YK16]. **hemoglobin** [DZL+17]. **her** [CPM+18]. **Herald** [PPT+10]. **herbivore** [Ant10]. **herbivorous** [BEJS93]. **herbivory** [CDL+00, EBS99, OS02, RPAD99, TRWB99, YJL16]. **Hercules** [WPB+16]. **hermaphroditism** [TMBTS09]. **Herring** [SNMH18, ASF+16, BE18, GKR+18, GBP21, HSBT19, LB18, LSHB09, MKS+20, MHSV18, Pro09, SMB+18, SPP22, TKF07]. **Hessler** [KBK+18, PWCL98, SLM98]. **heterobranch** [CC13]. **Heterobranchia** [CC13, CKFC18, CSE+22]. **Heterocapsa** [SAKP+22]. **Heterogeneity** [SDB+18, BG94, DVS+14, MHA+15, MARFP08, PPA10, PE17, SL94, VGSV09]. **Heteronemertea** [CAK15]. **heteronemertean** [CP22]. **Heteropoda** [JBOH10]. **heterothally** [FRBB10]. **Heterotrophic** [DSC+01, HRM+06, KKK+17, SSF97, ZSB01, CKJ+16, DMC+01, HKY+16, JWC09, KSH+09, KRB95, KHC+09, KMO+10, KSS00a, LLS+19, PLT+13, PDT+10, PDT+11b, PAVGBG02, SBSH99, SIS+02, SIFS10, TR02, VSS+93, VBC+95, ZXLL10, ZDA+16, ŽSN+18]. **heterotypic** [BKS+10]. **hexachlorocyclohexane** [JKB04]. **hexactinellid** [HCBL+17, TGU+06]. **Hexactinellida** [GJ11, JTT04, KGB+14]. **hexafluoride** [LWLS98]. **hexosamines** [GK02]. **HF** [KL06, SP09, YSWJ16, CRS+19]. **Hidden** [RHK+10, TMC+14, BIH10]. **hierarchical** [KG20]. **High** [BSM01b, BCKH07, CJM+22, DIM+12, DJCF09, DLB02, ESK+23, GDE+96, KLY+15, KN97, LB07, LDGH16, MDI+12, MTG18, MGK19, NSvH+11, NHD11, RSW+13, RGS+97, RMPI+17, SC10, SKK+16, UY04, VVM+12, VT09, WMB+13, WP00, YMMC11, AELP14, BCT21, BKY+17, Car07, CLB96, Cha03, CWdE99, DMC+17, Dri09, DSC+01, FPLB+08, GAP+06, GBP00, GLK+06a, GPC14, GKGW22, HBT+08, HZW+23, IMP+02, KIY+05, LRN+14, LGF03, LEP14, LBM09, LMG93, LHX+22, LAPL+16, MCH+13, MCSF15, MBB+02, OCP18, PCT18, PMLM+02, PHD+11, PZL+09, Qué13, RAC+20, SLdB+15, SAG+10, SBS+00, SKD+16, SLP+09, SKL+22, SFPH+08, SFB16, TRM+07, WWN+02, YLG+18, ŽSN+18, DGT17b]. **high-Antarctic** [GAP+06]. **high-Arctic** [SFPH+08]. **high-chlorophyll** [TRM+07]. **high-definition** [MCH+13]. **high-frequency** [BCT21, GPC14, HZW+23, SLP+09]. **High-latitude** [MGK19, Car07, Dri09, GKGW22, LBM09, SKL+22]. **high-nitrate** [LGF03]. **high-pressure** [LAPL+16]. **high-productivity** [IMP+02]. **High-resolution**

[BSM01b, CJM+22, DJCF09, GDE+96, SC10, VT09, WMB+13, YMMC11, AELP14, BKY+17, GBP00, GLK+06a, HBT+08, KIY+05, LHX+22, MCSF15, PMLM+02, RAC+20, SBS+00]. **high-temperature** [PZL+09, SLdB+15]. **high-throughput** [LEP14]. **higher** [BLSW05, NBBBT13, OYK15, OKY+17, OJK+10, Pon07, SA15b]. **highlight** [HRT14, LVP+17]. **highlights** [WKLM15]. **Highly** [CBV+16, BS05, BS06, JSP+17, KCY+16, LLD+17, LPD+17, MAA+04, MAA+05, RMBW07, TCG+18]. **highs** [RV00]. **Hiiumaa** [SSAF02, ASS02]. **Himalayan** [NGM+05]. **Himalayas** [HKFL03]. **Himawari** [HF21]. **Hindcast** [AKZL16]. **hindcasting** [HSHM02]. **hindcasts** [HGB+13]. **Hints** [BJP+22]. **Hippoglossoides** [DKP+14]. **Hippoglossus** [Loh08]. **Hippolytidae** [NCL13]. **hippurus** [TMGLM19]. **Hirudinida** [UC13]. **historic** [Kos01]. **Historical** [ARWM13, ASBR17, BBR+96, DBC+19, EEAA+19, LBB11, WH98, Wil98, BA02, KY17, MBG18, MAH+12, RJ05, ZDO19]. **historically** [KAHS20]. **histories** [CMC11, IDSM04, Vri09]. **history** [BCG+22, BDG+04, CKS05, DM16b, DSC+19, Gag04, HiII+19, HiII+20, HPH+16, KCMT+20, Man94, MF93a, MDG13, NA09, PSS+16, RS15, SI09, SDB+19, SHC+22, Tho04]. **HNLC** [HCG+09, LST+11, LGO08, MBS+13, WCY05]. **HNLCLSi** [LSS+11, PHS+11b]. **Hole** [KOS+16, KKT16, SKS+16, TSOT16, FMWD07]. **Holes** [KOS+16]. **Holocene** [ASV18, BGH+19, GBC+05, HTD00, Led93, LXWC21, MA05, MMSS14, PDBH03, RIHGS00, SSR+14, WC07a, YKY+07]. **holothurian** [GTSC08, GRB+17, OKH+22]. **holothurians** [FBBW+10, RKM23a]. **Holothuroidea** [MP17]. **holozooplankton** [BHK+10]. **Homalorhagida** [AM15]. **homothally** [FRBB10]. **Honey** [PFPJ+09]. **honor** [Lut09, Lut15, Won15]. **Hood** [Goe02]. **hooded** [FPHH+09]. **Hoplonemertea** [CP18a]. **hoplonemertean** [CP22]. **horizon** [RH07, Joy16, LLG+16, PFDD16, QNL+16, SEM16, SAW16, ULTL16, WZL+16, YNG+16, ZA16, ZJA16]. **Horizontal** [CLC+20, GGF+08, HCBP97, MY99, MRLL01, Mun14, Mun16, PBN10, WAL+11, BFDB17, DL01, FGF+14, FGH+13a, FSGV+09, GGTMG+10, KBSS93, LDX+23, MMY+20, Uml05]. **hormones** [BFSK08]. **Host** [MAR+17, BCE18, MNB02, TBSP+18]. **host-parasite** [TBSP+18]. **hosted** [Rai11]. **HOT** [KM96, KL96a, Ano06g, AZYT16, GS06a, PBFS06, ZKSS06, CBT01, Fir96]. **hotspot** [BSH+11, KMMS18, LBSB+17, LAP+17, OPDM11, PUB+06, RSR+19]. **hotspots** [HFD+23, JHS+17, POİ17, PWB+06, RB06, SBG+06, WC24, YSBH06]. **hours** [DZY+01]. **HOV** [NKB+18]. **Howard** [BDG+04]. **Howe** [ANS+11, DLHH11, Har11, KBW+11, NHD11, PWN+11, RHD+11, WACGH11, ZRC+11]. **HPLC** [ABKL96, ESK06, FHYI03, LB98a, RVZ02, WvdE00, WvdEP+10]. **HPLC-analyzed** [LB98a]. **HPLC-derived** [FHYI03]. **Huanghe** [KW03].

**Hudson** [PGM+15, RGS+15]. **human** [BMRP02, DRR+14, HON+13, KFS+17, LWL+16, SAG+10, SLD+13]. **human-occupied** [KFS+17]. **Humboldt** [Ant10, AGAB19, EPPR09, GQ09, MHG+04, ML04, OCT+19, QLU09, SRF09b]. **HUMMA** [SC16]. **Humpback** [BJK+22, MHSV18, SMB+18]. **hunters** [KR07]. **hunting** [HNB+13, RH14]. **Hurricane** [WBI+01]. **huxleyi** [ESA+09, EAS+09, HPN+12, OS02, RHL+16, TTA+16]. **Hyas** [GKBG17]. **hybrid** [Arm03, NSMBN08]. **hybrid-type** [NSMBN08]. **hybridization** [MGT16]. **HYCOM** [WJR+16]. **hydro** [DJC+14]. **hydro-sedimentary** [DJC+14]. **Hydroacoustic** [FD98]. **Hydrocarbon** [AAW+16, BCN+16, BLM+10, Car10, GPMS+16, GBB+17, HRM+18, MSH10, NEO+07, ULH+21, WB09]. **hydrocarbon-degrading** [BCN+16]. **hydrocarbon-seep** [BLM+10]. **hydrocarbons** [Cri95, HTPM14, HT17, LTS+97, LLG+16, MRP+17, OJK+10, PSP+09, SSP+09, WSS+08, WZL+16]. **Hydrochemical** [YCD+06]. **Hydrodynamic** [BSSK+08, CLW+23, VALW23]. **hydrodynamics** [CBBM12, DM16a, LHM14b]. **Hydrogen** [WWcW+15, CWdE99, LLL+15, RTC06, VCO+15, YS01]. **hydrogenous** [GNT+17]. **Hydrographer** [NKB+18]. **Hydrographic** [BLSS10, Cam18, CFKS05, CFS09, CMB12, LHKHH10, ONSSVGR04, PP95, Roy05, ADGA01, BS05, BS06, CRNP06, CM99b, GCJ+00, JPM99, KC03, KTL+00, LSHP01, MHB05, MCG+98, MGC+01, OSCS04, PWTH15, PCJ+05, SVJRSON04, SMPSG+04, SHY+08, VT09, Wea93, WSLP10, WFW+17]. **hydrographical** [SKMDR02]. **Hydrography** [KK20, KBVM13, LSU04, WPL+15, AGM+93, ADGA05, ADGA06, ADG+08, ACG+17, BG09a, BW99b, CC03, CLL+03, DSW20, FLTCV10, FM03c, FPW02, GDE+96, GMMS05, HLM+01, LWA+04, LDW22, OM98, ÖHÜ+93, SSG14, SRB+11, SPD+11, VPK+19, VHT+20]. **hydroids** [ABB+01, BSJ13, BHC+01, CR06, Can06, CBS+01, MBH+96, PRSS23, SC15]. **Hydrolagus** [KM15]. **Hydrologic** [HM14]. **hydrological** [HNRGL06, WCL+15b]. **hydrology** [CFL+99, SGM+02]. **hydrolyses** [ZA16]. **hydrolysis** [TGRB02]. **hydrophone** [BCT21]. **hydrostatic** [TGRB02, TGG+09, ŽSN+18]. **Hydrostation** [MK96]. **Hydrosweep** [SSHB03]. **Hydrothermal** [GOH+15, Hol96, Ala22, Bak98, BBG15, BSX+15, BT15, CSE+22, CL15, DSG+09b, EMV09, FBL+98, GFS15, HRS+23, HTT15, HSZS17, iITT+15, JBS+98, KB15, KLLO98, KCD+17, KM98, LBM98, LMKL09, LRL+22, LCK+18, LDSV98, MG22, MTB09, MCH+13, MBF+98, MCB+15, MHFM15, MS18, MSNL09, MFS+23, MTDK98, MMG98, NCK+22, OGG+15, Phi17, PPFS17, RDV+09, SSK+23, SLdB+15, SFV+98, SRS+15, SL15b, SBM+13, Sot09, TTD13, ULH+21, VB98, ZJFV15]. **hydrothermally** [RKM+23b]. **hydroxycarboxylic** [ÖCB+04]. **Hydrozoa** [BSJ13, Ste13, SC15]. **hydrozoans** [GPCC+17, PRSS23]. **Hyperbionychidae** [BG10]. **Hyperbionyx** [BG10]. **Hyperiidae** [WT12]. **hypersaline** [ABG+20, AYMSAS19]. **hypnozygote** [KTP05a]. **hypotheses**

[BFF94, PSUH+16, SMSA05]. **Hypothesis** [FLMF07, APLW09, IPLCHRMR19, KBL01, MDTS08, SAA+17]. **Hypoxia** [KLČ+19, TTDR13, DCSV19, YZZ+16]. **hypoxic** [GKB+18].

**I10** [SWCB02, WSFB02]. **I10/IR6** [SWCB02, WSFB02]. **IAEA'97** [HAP03, PLS+03]. **IAPSO** [Ano06e]. **IAPSO/SCOR** [Ano06e]. **Iatá** [KFS+17]. **Iatá-piúna** [KFS+17]. **Iberia** [ASB+02]. **Iberian** [BFF+10, IBK+11, FA02, PNC+06, RRT+17, SSP14, SGI+19]. **Ice** [Ano06b, CA06b, DEJ08, DYEJ08, ECS+17, HMHY11, KB99, MLW+16, PAR+08, SIA+05, SE95, Tou99, UW99, Ald95, ADBW16, Ano95b, AvD04, ALvD12, APP+14, BK99, BCE+07, BBLS14, BSS20, BFH+11, BLB+11, BCVCHW04, BRSlW95, BW99b, BBD+03, BES95, BOP95, CAS+16, CDRA08, CCL+14, CMNM16, CLGM05, CJF+12, CSG+13, CFL+16, Cri95, DF16, DNM+16, DSN+10, DGA+11, DC12, DKGT04, DI00, DCF+18, EGG+05, FGW02, FHvFM08, FvFC+11, FMS08, FWM+11, FMWD07, GP08, GLW+97, GFS99, Gra09, GBI10, GBD+11, HNW+08, HCL+22, Heb00, HHW+08, HMAW11, HSR+16, HH20, HK08, HP08, HNB+13, HEW15, HVBO08, HBO11, IIM02, IGP+06, JSM+16, JLY+16, JDL+12, JVL+16, KT05, KCZ+19, KMM+08, KAHS20, KHL+15, KWT+16, KSM+11, KBF+08, LLK+16, LS14a, LCvdM+16, LT16, LKJ+15, LTW+11, LFC16, LvDA14, LDW22, MW99, McP08, MNG+11]. **ice** [MGH+16, MTK+18, MSV+17, MDT+08, MGC+14, MWB95, NRS14, NCCR+12, NVBJ08, NSWY20, NYH+20, NTS+11, OACA19, ORFA+14, OCKA+11, PSA14, PCL22, PEC+04, PPF+15, RHK+10, RPB99, RPB02, RCF+08, RHPC+19, RHB+95, RQNO04, RCF+16, RFHL99, SCM+02, SBM16, SGGW11, SSWM18, SvdMC+16, SAVP12, SSMM+08, SSHM+08, SRW+10, SLA+01, SHWW22, SRB+11, SSR13, SRF95, SET+09, SZH20, ŠHW+04, SK02, SBG+03, SMS+08, SPB+14, SMSI08, SMH+11, SWH08, SHW+16, SKM+14b, SESS08, TRH+08, TOSH08, TWD+08, TLP+12, THV+99, TMT+11, THT11, TML+16, TKF16, TNBL95, UWvdE+16, VTA+11, VMI+08, WW99, WSE+16, WYOS18, WLY+22, WLA11, WPW95, WTT+20, WNRM08, WMA11, WSL+11, WvdE00, WBA03, XAY+11, ZAC+15, vdMLB+11, WLA11]. **ice-covered** [CDRA08, DC12, KSM+11, MGC+14, RHPC+19, RFHL99, SSMM+08]. **ice-edge** [BBD+03, DKGT04, MWB95, UW99]. **ice-face** [SRB+11]. **ice-free** [DI00, SCM+02]. **ice-melting** [HCL+22]. **Ice-ocean** [UW99]. **Ice-rafted** [SIA+05, CLGM05, DF16, Heb00]. **ice-shelf** [GBD+11]. **ice/ocean** [McP08]. **Iceberg** [CMK+18, Rai11, KR11, SSG+11]. **Iceberg-hosted** [Rai11]. **iceberg-relative** [KR11]. **Icebergs** [SSH+11, CVF11, HKSV11, HSM11, KRS+11, LRH+11, MRE+11, MPTW11, RVS11, REWH11, SRH+11, SRB+11, SHM+11, SSS+11, Smi11, SL11, VSC+11]. **icebreaker** [EF98]. **Iceland** [RPB99, DKP+14, DONF08, JGM09, SMB+93]. **Icelandic** [AGJ07, RAT+13]. **ICESat** [XAY+11]. **ICESCAPE** [Arr15, Arr16, PPF+15]. **ichthyofauna** [ZRC+11]. **Ichthyoplankton**

[HNM+20, MBO07, SRS11]. **Idas** [TMBTS09]. **idea** [MS06b]. **idealized** [CDJ+22, JDL+22, Thi05, WZZ+23]. **ideas** [SPS+09]. **Identification** [AKK+05, BHK+10, DCS+18, EPK+10, FGB10, MGT16, PPR+20a]. **identified** [CMR+18, HZW+23]. **identify** [LWSA08, MT98, SHB14, WBCB06]. **Identifying** [GBC+13, LVP13, PRDB+17, RB06]. **identity** [OGBF08]. **if** [Ano17f, Ano17g, Ano17h]. **II** [AN06, Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, BS06, CC00, CM16a, CBF+16, DTWW21, ENM+16, EWA+03a, ELG+22a, FH09, GAL+20, HOD+09, HiII+20, LLM+03, MCS+03, MAA+05, Mun16, NHS+09, PNLFS03, RDL+09, RVJG+05, RSCFT+16, RAF+14a, RDC+18a, STN+09, SvdMC+16, SSK+07, SMGB03, UWTS09, VSGM03a, WJD+00a, YOI+09, Ano96d, ANI09, BA94, Bis94, BFF94, CVM+01b, CLJ+13, DD15b, DJCF09, DBC+02, EAS+09, FC01, GHS09, HLR+09, HS13, HTS+09, HKN+09, HWCT08, HZL94, KTP+20b, KSH+09, KWN+09, Kem94, KGdC+18, KNC+09, LCS16, LPD+17, LAB+17, LLK+09, MTGY05, MJW+06, MDTS11b, MLS+06, MLBB14, MHP+07, NOT+09, NTK+09, PLA+17, RSH10, STF09, SH99b, SSUB15, Sei13, SS05b, SSI+09, TBC+17, TSZ10, TP02b, TSMS09, TNS+09, TDKA05, VQ97b, VCG+20, WDFK+22, WTCB09, CDB94]. **III** [ISB+11, NVBJ08, Ano96l, Ano06d, Arr16, BBB+07, BKS+10, FL04, LAJP13, LS14b, MSJ+06, NKD+08, PTD+17, SA03, CHU+00]. **iii-xi** [Ano96l]. **IIOE** [BHT22, HB19, HBVG20, HBVG22, HBV19]. **IIOE-2** [BHT22, HB19, HBVG20, HBVG22, HBV19]. **IIOE2** [RT20]. **IIOE2-WIOURI** [RT20]. **image** [Ano17f, Ano17g, Ano17h, LDHO+14]. **imaged** [GTB15]. **imager** [HZZ10]. **imagery** [BY04, DNH+02, HEW15, KI18, SBH+01, UY04]. **images** [KCTG16, MCH+13, NR06, TAB+16]. **Imaging** [HSM11, LCW+07, BSX+15, BFK+14, JOD98, MMY+20]. **imbalance** [BHS+10, GSB+23]. **IMECOCAL** [SMPSG+04]. **Immediate** [WPB+16, HZYZ10]. **Impact** [AHN23, BCN+16, CKH+05, CBPT05, DGP20, FM03c, GMM+20, GK02, HFL+15, JBD+09, LWSZ13, LHX+22, MTK+18, MQACB08, MKS+02, ÑB04, OJK+10, PSWF19, QW15, RSN01, SVC+08, SWZA02, SBG05, SRA+09, SBSW07, TB05, VHM17, WHF+19, WW04a, WA02, YZZ+16, ZWQ+19, ARNB01, BRCFP23, BGOL01, Bor01, BSN+15, BMT20, CSA+09, CLSS15, DCC+17, DBG+16, DFY+23, DB97b, DWW+02, Fed13, FWP+07, FSG02, FHW06, FPGH02, Fro04, GDYW02, HS01, HBR11, HDW+20, JCF+06a, KHL+15, Kla97, KC00, KC04, Kyt02a, Kyt02b, LCS+06, LSNH15, LLG+16, MBH+96, Mas02, OE06, ODR+09, OM02, OT03, PHOM09, PF04b, PAR+08, PS23, PPM02, PDC+21, SNH+23, SAG+10, SRH+11, SSH09, SSR13, SRF95, SBB06, SPD+11, SSAF02, TSA+01, TGFE02, WJD+00a, WJD+00b, WP17, WTSP07, WL02, YHK15, vHSM04b, vOSG+11]. **impact-induced** [WL02]. **impacted** [PFDD16, SAW16]. **Impacts** [Arr15, Arr16, FAS+03a, HSBT19, HH20, HAE+15, HK19, KSU+08, LDW22,

MBL+15, PSA14, SSC+23, SYK+13, TTL+16, VSC+11, ARLA03, AJP+22, BT98, CTCD05, CTT09, CKB+07, DWM+15, EZB+20, ETD+11, FPB+14, GDIK02, KYW20, KIN+10, KHL+01, LH08, bLHsL+13, MWT+17, MDTG13, OBRJ01, OGJ+19, Pas18, SM12, SZB+19, SMB03, VAT23, WLM23, WPB+16, WNHF+15, WBA03]. **impedance** [JLAD95, SGGW11]. **impensum** [WTS08]. **impinged** [BN05]. **implementation** [CLF+09, CFZ+18, CJF+98, KL96a]. **implementing** [MGT+20]. **Implication** [WR15, AN05, AN06, KN05, MRRG23, MPS+21]. **Implications** [ATN+12, CHN+18, DZBR95, DGT+17a, DVC14, DVCG+12, DSE+14, DABF+16, GGCM17, GNHS05, GMMS05, HBSL01, HHH+22, KWW+12, MDH08, MCSF15, MCD+09, ML20, Mun07, MHG+17, PLD+17, PP95, PWB+06, SM96a, AMN+02a, BBB94, BKP+20, BMK+13, BV04, BL98, BW99a, BBT+18, BKS+10, CFL+16, DLB02, FSCC07, GKH+07, GPF16, GDAMS19, GTB15, GMC97, HS96, HC15, HHMF11, HSBT19, HAF+15, HFK+02, IAA96, KEPZ93, KS10, KND+08, LGP+15, MGHN01, MS06a, MBK08, MHB+95, MHA+15, MCJ+99, MBM+00, MES97, MKH+05, NC97, NKD+08, NSMBN08, ÖCB+04, PFP02, PWMC01, PABH07, RdGM+09, RSWG04, RE98, RI05, SKS+16, SNPS01, SRF95, SFK+12, SKM+12, TRHA01, VGF02, WWH97, ZWC+15]. **implies** [PLGCL09]. **Importance** [CSW+17, CMG+12, DSBS20, KWF+19, RSR+00, BT15, BLOM93, BAD+14, CAFK03b, CSGC03b, DCR94, DB02, EGG+05, Gag04, Hei02, HK08, IIM02, JRJ+22, KM05a, Lin16, MHFM15, RG06a, SJST13, TRWB99, TMTR14, VGBGPA02, MTE+02]. **Important** [PRDB+17, DM16b, GKGW22, LZL+22, Loh08, MM14, SDB+19, WTA+18]. **imposed** [LTH05]. **imprint** [BCWT00]. **improved** [BFA+08, HDGM19, KMK+20, PW15, SBL+18, XA09]. **improvements** [TAB+16]. **improving** [JEK+15]. **in-** [ONRW10]. **In-situ** [SAL95, BB03, GMR06, LFPC14, MRM+12, TPP+20, WC06b]. **inactive** [EMV09, LMKL09]. **Incidence** [YLG+18, BCN+17, BTR20]. **incident** [WPB+16]. **including** [CPM+18, CGG+19, EMG+15, GJ11, Joh19, LPA+17, MBP+20, VTD+20, Zül05]. **incorporated** [CAJE15]. **Incorporating** [LLC17, GJ11, IHPA16]. **Incorporation** [IABR+17, ME02]. **Increase** [PWF03, Ber01, CV17, JS14, LMDW06, Met09, SGB14]. **increased** [BCVCHW04, LL01]. **increases** [NW01]. **Increasing** [EGG+05, JMP+19, CFGR07, XWZ24, vHHH+11]. **incubation** [BDO00, BZS+16, Blo02, CMT93]. **incubations** [LLB+00]. **incubator** [MTK+14]. **Indented** [PFW+09]. **independent** [LTG+09, LPK+17, OLP+20]. **INDEX** [Sha01, ACK+14, Ano98f, Ano99e, Ano00e, Ano95g, Ano96a, Ano01a, DW15b, GQ09, GGP+14, JRGLJ+19, MCBC08, SBR+97, SdS01]. **India** [FL02, RV00]. **Indian** [ACD+17, Ano05c, AJR+15, BSM01a, BHS+19, BHT22, BBE+13, BNKJ23, CHG20, CG21, CBA+20, DNR20, DRR17, DT03, DBL+19, GHGMI05, GMMS05, HLG+21, HNM+20, HRX17, HB19, HBVG20, HBVG22, JFK+10,

KNV+10, LBSB+17, LDBS+17, LFKF+17, MV19, Met09, MSBS01, NG10, NRSL17, NMR10, NRH+20, PMS+20, PR17, RGTV97, RBA+01, RTM+20, RSN01, RAB+17, Rog17, SAKP+22, SdS01, SRW+10, STB+17, SSI19, SBC17, TSSR20, ULH+21, Urb20, VAM97, VHS97, VTD+20, VKM+10, dSSB+01, AVA23, ARLA03, ADE22, AA15, ACSG15, AMP+03, ATLD+20, ACR+20, ADAM02, BRG+19, BBM+08, BFT+97, BSG+02, BSRB17, BHHM+12, BBV00, BMO93, BLOM93, CRA+20, DS21, DBR22, DSN+20, DMW+07, Duc93, DDB+97, FLM10, FML+93, FM03b, FM03c, FMO02, Gai97, GMM+20, GBL+08, GPCT23, GAJ+13, GVD+97, GFW07, HCL+22].
**Indian** [HPWP07, HBV19, HMA20, HAD19, JBC+21, Jen03, KK19, KOO+24, KQ02, KCMT+20, KIS02, KBV+97, KMD+11, KVL+19, KL96c, KIY+05, LCW20, LHD+22, LPFS97, LQF+02, LGP+15, MMXS02, MT15, MFPL19, MAN+20, MGT+20, MB03, MTE+02, MPJ+13, MKT+15, MV19, MHA+15, MWT+17, MWF+19, MMJ+03, MBT97, MBO07, NGS+15, NGS+20, NGM+20, NSKG96, NGM+05, NDD+14, OFD+22, OvdRvA+22, OB22a, OB22b, OBM+93, PDA+20, PKW07, PJC19, PPB+22, PMJ20, PKZ93, PZP93, PDG+03, PPR+20b, RHL+22, RBMY02, RAS23, RP17, RGHN+97, RMG+23, SGA+15, SLC+20, SPSM23, SG99, Sha01, SMP+15, SMB02, SBN+15, SBA+20, SBR+97, SWCB02, SSJ+22, SVS+20, SZB+19, SJJ19, SB22, TB97, TPW07, TBPS22, TPS+15, TRB+19, ULH+21, VIY02, VGF02, WC24, WO99, WST15, Wei99, WMC06, WSFB02, WNA+10, XWZ24, ZW23, ZDW+20, Zon97, ZGGF22]. **Indian-Ocean** [MMJ+03]. **Indian/Atlantic** [MB03]. **indicate** [BSS+00, CCBL14]. **indicates** [JHHK14]. **indication** [CRS+19, LAP+17, RBP+94]. **Indications** [RPZ+14, SHWW22]. **indicative** [GSB+23]. **indicator** [AMJRD19, ACH02, ADE22, BHB+07, HCRX16, KME18, KBR18, SLdB+15, SAB08]. **indicators** [BGG+09, BHS+10, CBB+00, CKL03, HdVGHM02, Pee97, RBA+01, SPW+22, WSB08]. **indices** [IABR+17, TSWJ12, WCS07, WLT20]. **Indies** [MS18]. **indigenous** [HBB+13, KR07]. **indirect** [RTC+07]. **Individual** [TCEW07, CCH95, GSC+19, HPH+16, KY17, SOS01, SCH+19b, SCH+19a, ZOB+96]. **individual-based** [GSC+19, HPH+16, KY17, SCH+19b, SCH+19a]. **Indonesia** [CSS+10]. **Indonesian** [DHCV19, GGI03, HSO04, PHS03, SWK+23, SPH+03, TSS+21, VGF02]. **induced** [AGL+19, BLM13, BTUV08, CDJ+22, EB01, FBCP01, GDL22, GBD+11, HOD+09, HF21, KHL+15, KWT+16, LLK+09, MPPR14, MAR+17, MSTT07, NI10, OCL+08, STN+06, SVC+08, SP00, SD22, VLSS+04, WDFK+22, WDD+22, WZZ+23, Web19, WL02, YLU+14, YOI+09, ZDA+16]. **industries** [HSSH23]. **inermis** [HPL+12]. **inertia** [MSJS08, SMD06]. **inertial** [CW22, KHL+15, LDX+23, PF06, ZL23]. **infauna** [Bla94, CDRA08, FB15, Hil94, KGB+14, LPS14, SCD14]. **Infaunal** [CAC+97, BH94, BN04, BMOW09, CKB+07, GMBL10, LT03]. **inference** [GWDP11, IHPA16]. **Inferences** [DKZP16, LLB+00, LPL+20]. **inferred** [CFV+18, DNH+02, EBG+11, GNT+17, LWA+04, LH08, MHC+10, NMS09,

RKM23a, SCH+19b, SCH+19a, WEB93, WYPY06, YFL+23, YKO15]. **inflow** [JC03, SABP+16, YFL+23]. **inflow/outflow** [YFL+23]. **Influence** [BCG04, CBHF10, DLL+15, DKI+00, EWBW99, GRD+08, GSdS+14, Hat02b, HAGW+13, JWC09, JDL+22, JAM+14, LCW20, LT16, MK21, MHTZ19, MCH22, MARFP08, OCG+09, PBMM14, RV00, RYT01, SDL22, SRFR07, SDAH+12, TC06, ALWW04, AKBD13, BMC99, BC05, BCVCHW04, BMH+94, BHHM+12, CMB02, DBD03, DZL+17, DVPR06, ECS+17, Gau07, GdRGLS04, HCHD09, HS93, HNB+13, JRK+17, KKD06, KGHA+01, LTG+09, LWB+20, LTW+22, LPM+15, LPPK14, MBNRB08, MT15, MBS+13, MMT08, MW06, PGK14, QSA+09, RIHGS00, RNP93, SGW+15, ŠHW+04, SMH+11, SMB+18, SLLT10, Tho97, TWG00, UIS+03, VGSV09, VPA+09, WC06a, WH01a, WRS99, XZM+23, Ynd09, ZAC+15]. **influenced** [ATLD+20, BMD+17, CCZ+21, CJM+22, DRVVS+14, HSC+07, KTP+05b, LRL+22, MMM+00]. **Influences** [CCL+14, FC09, BGCH20, CMC11, DVS+14, DGN+17, LDBS+17, Pal04, PTWM12, RBH+20, RMK+14, SG99, SNMH18, SB22, TSWJ12, WPLN96, Wil98]. **influencing** [CBSS02, DP07, DC08, HHNK+04, LNDH+17, OT12, RGIH+06, SHB14, TDCV+06]. **inform** [BH14, CWEHT22, VALW23]. **informatics** [BC08]. **Information** [HM14, BC08, IABR+17, MPJ+13, NHS+13, SLD+13, SCQ+09]. **informed** [SPW+22]. **infrared** [MCS07, MRD13]. **infusions** [STF09]. **ingestion** [ADS+02, ABB+01, LWB+07]. **inhabiting** [DMH19, FARLR+13, GBP21, KG20, LMG17, MZH16, NHH+13]. **inherent** [KLK+15, NRS14]. **inhibition** [RBJW16]. **Initial** [AKM+05, FR10, DKdS+03, FRC+10, FC09]. **initially** [ZA16]. **Initiation** [MH93, AMP+03, SMSA05]. **initiative** [Col16]. **injuries** [SEM16]. **Inland** [DFY+23]. **Inlet** [MCH22]. **inner** [CP02, KHS+02, RTFB09, SMR+06, SH02]. **inner-shelf** [SMR+06]. **innovations** [MPM+16]. **inordinate** [BLS09]. **inorganic** [Ano95b, BWL01, BBH05, BDW+98, DLF+09b, HCRX16, JBVW12, MBW+03, MDB98, MCJ+99, MLS+15, NSvH+11, OENB01, PPFS17, RZL+10, SMY+98, SMS+07, TT01, TA01, WPG+07, WKM+07a, WPW95, WC02, WWN+02, ZHD+08]. **Input** [Aar03, BD94, SRH+11, Tho97, CRS+19, CL15, DLW+17, GCN+97, HWL06, LGF03, LCW+07, RPF01, RBP+94, UIS+03]. **inputs** [DDB+17, DBH+20, GMC97, HSC+07, KMT20, LLLP+03, MHFM15, PWR05, SSB+17, SZB+19, TPGCCS+02, WLM23, YBHM05, ZLJ08]. **Inshore** [DO19, CGR+00, Zim19]. **Insight** [RTI+16, XZW+19, OS02, WGW+19, YLD09]. **Insights** [AGPR95, AT10, AELP14, BRPH20, DQC14, HWS+13, KCZ+19, LBM10, LEP14, MRB+14, MMTT+20, MPF+17, NCSO13, SKD+16, SRFR07, TPW+16, TA01, TDC08, BVB14a, BAF+18, DJ15, DBBWH20, FC15, FCG18, GHM18, HNS+11, Jaż15, KWA+20, KW00, LWWF18, MTD+18, OBH+18, PTO+16, SBE+07, WWHT20, WCL+15b, WPSB11]. **insolation** [HMA20]. **inspinata** [KYI10a, KYI10b]. **instabilities** [WCL22, XWZ24]. **instability** [DJFK+22, Joh96, LHX+22, SPD+11, TTFJ13, Vri13].

**instrument** [MCS07]. **instrumentation** [BSJ13, GUSB03]. **instrumented** [CKH+08]. **insular** [OGJ+19]. **intact** [BJF16]. **intake** [AKK+17, MTE+02]. **Integral** [SWC+02]. **Integrated** [BFL+20, BFD+23, BLI+09, CML+14, DB16, GO10, MWFS17, ZDO19, CA06b, CTH+98, DLR+01, GMB13, GBS+22, HD14, LBD+22, POA+16, RDSA+21, SPW+22, SZB+19, WCRG95, WKM+07a, Zim19]. **Integrating** [BH14]. **integration** [MK19, SDK+16, SCQ+09]. **Integrative** [KBK+18, DGT17b, Pör06]. **integrity** [SC16]. **Intense** [SF08, BNFS01, Gol93, KGB06, LMA08]. **Intensity** [WZB+14, DPLB94, FMH+02, KKK+17, MDTS08, ML20, MHSV18, NAT+12]. **Inter** [CTW+15, DEJ08, FMS08, HS07, HXC+22, RLH+03, RLB03, WGST08, ARWM13, BSMV03, BLS+03, BT04, BD06, DIM+12, HPS+13, HLL+10, HHH+14, HZT+06, MDI+12, PPZ93, PLHMA06, RMBG11, SMLP04, SVKT20, SMS03]. **inter-** [ARWM13]. **Inter-annual** [CTW+15, FMS08, HXC+22, WGST08, BT04, BD06, HLL+10, HHH+14, HZT+06, PLHMA06, RMBG11, SMLP04, SMS03]. **inter-colony** [HPS+13]. **inter-comparison** [SVKT20]. **inter-comparisons** [DIM+12, MDI+12]. **Inter-decadal** [HS07]. **inter-monsoon** [BSMV03, PPZ93]. **Inter-ocean** [RLH+03, RLB03, BLS+03]. **Inter-specific** [DEJ08]. **Interaction** [BMP+09, LZC+16, RTM14, Arm03, FWS94, HMLS+06, HZK04, HON+13, KM05a, KFJ+05, MBC+09a, Mun07, PP20, QC10, RPM07]. **Interactions** [Ano05b, BF14, GH05, GHS09, BK99, BKS+10, CBG02, CHV+15, DYEJ08, Ham07, Hen19, JB01, KB99, KCA05, LDG94, LSHB09, MSC+19, MSH+07, MHP+07, MGG+09, PFP02, Pak04, PGFP+08, PE17, Rai14, RSWG04, RDW+12, Ros99, SSC+23, SH10, TVL+00, TBSP+18, UKM16, WB96, dCHdOF+18]. **Interactive** [BZS+16]. **Interannual** [ALT+13, Bat01, BRD+18, BMS99, BWC+02, CBBM12, DD15a, DD15b, DRS10, DFK+06, DFMG01, FM03b, dlTGCAB+03, KIS02, LSM96, MCL+19, MAST05, Men23, MiSW08, NBB+02, OYM+13, OHS10, PF02, PMS+20, PKR+01, PFC19, PK03, RBMY02, SH00, SHN+07, SHFM01, SSP+06, WSLP10, AMJRD19, AGGdC14, ACK+14, Ano96g, ATS+96, ABC+05, BMK96, BHHM+12, CWS05, CVM+01a, CMW+08, CRR01, CPH01, CS19, Dal04, DDN+04, DLF+09b, FBC+02, FGW02, HK01, HTW14, KCD+96, KTL+00, Lad14, LDWK96, LHM14b, MPZ04, MHS01, MHG+04, MCPA02, MC02, MMH+08, MBC+20, MBC+09b, OGRdO18, Roy05, SRY04, SIS+02, SMS+08, SFB19, UIS+03, VCDAL14, WMM02, WWC+99]. **Interbrood** [GGRJD+10]. **Intercalibrated** [NDT+01]. **Intercomparisons** [OCKA+11]. **Interdecadal** [GLCP12]. **interdisciplinary** [MDS+16, RKB18, VBF+02]. **interest** [DHS+14]. **interface** [GW98, Pap05a, RGHN+97, SKGD14]. **interfrontal** [HYK+02]. **interglacial** [HFM+02, LRM07, Mun07, NGM+20]. **intergovernmental** [GKB19]. **Intergradation** [ZJFV15]. **interior** [HM93, HDCM95, HDPI99, HFM+00, HdBB+02, MFPL19, MS06b, RvAH10, TKF16, TBB+08, XZM+23]. **interleaving** [JLM20]. **Intermediate** [BSZ99, KOR06, MBT97, NRBO+05, PG97, You99, You10, BTP+18,

CDDC03, CMAO+12, CKS05, HYK+02, KL96b, KFS+10, Las93, LRM+02, MAK+16, MWB+09, MDK+01, PRB+11, RG03, SLDL93, SVKT20, TNT+15, YLBdR03, LOA13]. **Intermittency** [BASLK04]. **intermittent** [SS05a, SS05b]. **intermolt** [CM01]. **Intermonsoon** [MGHN01, Sam01, DLL+15, FLTV97, KDG+97, SPSM23, WT14, WO99, Wei99, CD99, DCM+99]. **Intermonsoona** [LB98a]. **Internal** [GLM04, GK04, NOLASZ04, PHM06, PFDG08, SHA04, SFD04, WTJ+19, ASM06, BVGE+06, HAC+14, Hol06, JMW+20, JR15, LH06, MS06b, PTM+16, San13, SN04, TCM+22, WMB+08, WZZ+23, WXL+23]. **internal-wave** [MS06b]. **International** [Ano05c, Ano07c, BHT22, HAE+17, HB19, HBV19, HBVG20, HBVG22, JM15, Urb20, WMA11, Hem99, MH02, DFF02]. **interocean** [MB03, YLBdR03]. **interplay** [DJC+14]. **interpretation** [Mas02, THM+13, Tho04]. **Interpretations** [SKM01]. **interspecific** [APMN+17, FBBW+10, LSWH07, RHM13]. **interstitial** [BAKF03]. **intertidal** [KI18, MK21, SKL+22]. **intertropical** [KK19]. **intervention** [AH17]. **Intra** [Chi96]. **Intra-annual** [Chi96]. **Intraseasonal** [BDR+03, TSS+21, VV23, PWJF20, PSWF19, SYT+10, SSC+23]. **intraspecific** [ARWM13]. **Intrathermocline** [JCP17]. **intricacies** [BFG+10]. **Introduction** [BAC+15, BDG+04, BEG07, BL08, CH11, CPM+18, Cor10, CG15, DB16, DWJ+15, DH93, FdBGP11, FH09, GO15, GSF+19, GSF+20, Har11, HWCT08, HWCT11, HD07, HWJ20, IKQU03, MRR93, MB13, MCB18, MGH+16, MI06, MJG95, Mur06, NL11, OBH+19, PTP09, RLB03, RB13, Rog17, RK08, SMD08, SH10, SBG+06, TRO16, UWTS09, WLD15, WBM+10, WSSN10, ZS19, Ano99a, BNM08, BFF94, BD94, BL01a, CA06b, CHS17, CM99b, DKSF01, FL04, GMCF19, GG02, HS13, HH20, Liv95, LS14b, MM97, ML04, RP17, RJ05, STM04a, STM04b, SD98, SAM+00, SHR20, SBvdL+02, SYB+11, Thi01, VNA+16, VHS97, WCB08, WC01a, vHSM04b]. **Introductory** [MT11, WTP+07]. **intrusion** [Bak98, WCSA+16]. **intrusions** [FHP94, KL96b]. **Invader** [EMB+22, MES+23]. **invariants** [Abr19]. **Invasion** [PK08, KMS+02, TY98]. **inventories** [CG18, PHK+14]. **inventory** [Ang10, DDS11]. **Inverse** [VS99, DRD06, HZL94, RJDR06, SH99a, SH99b, Sch02a, VSR+00]. **Inversion** [SVS+20, PSE+93]. **Invertebrate** [PDT11a, SM96b, ARB+13, BFS+17, HSR+22, KBKW13, NCSB+98, RLB+18a, TRB98, WACGH11, WAM+18]. **invertebrates** [HT17, KMA+18, LBE06, LWJR22, LT03, PDK+14, WR09, WGMC14]. **investigate** [AWL+09, PDA+17, PLA+17, vBBR+08]. **investigated** [JBR+18]. **Investigating** [BDL+14, BAD+14, ESA+09, EAS+09, GHÖ+13, Loh08, SHB14, TYBY06, UKM16]. **Investigation** [CH24, HSO04, JDL+12, WTI+20, CW18, GDYW02, KDMH18, LKK+95, MHB+23, NHS+13, PS05, RGS+15, ROBV+18, TPP+20]. **Investigations** [LAC+09, Bas19, GBO01, HBBD03, LCT+07b, LCL+09, LKTS01, Mal04,

MSSD93, PLS+03, PdBK+03, SC16, MAH+12]. **investment** [RHM13]. **IO9N** [BRG+19]. **IOC** [CM99b, ZMYS13]. **IOC/WESTPAC** [ZMYS13]. **IOD** [KK19]. **iodate** [BCH+11]. **iodide** [BCH+11, FLTV97]. **Iodine** [FL02, CFJL96, WZ03]. **IODP** [AKI+16, OTN16, WOM+16, Zar16, DF16, Hus16, IOTS16, ITK+16, KOS+16, KKT16, LSOM16, OM16, PBVC+16, SKS+16, TSOT16]. **Ionian** [BFT10, BLSS10, MSA+14, PVK+20, RBCG10, SC10, STD+20, CMVS+10, DM16a, ESL+10, MTR+10, TGLN93, VPA+20]. **IPY** [SMH+11]. **IR6** [SWCB02, WSFB02]. **IRD** [SIA+05]. **Ireland** [BRG17, FVSRR14, Rai14, TFR+10]. **Iridium** [Kyt02b]. **Irish** [vdLEM+14]. **Irminger** [GGDF08]. **Iron** [APL+23, AMvD+12, BA01, BL01a, CVM+01b, FCG+96, FBCN00, GBH+01, GSMB01, GAL+12, GAL+20, HMS+13, JMSW05, LCvdM+16, LLK+09, MFG+93, MDGF01, MSH+07, MHP+07, ÖCB+04, PHD+11, PSLS07, Qué13, TBC+17, TWN+06, VSD+97, WLL00, WJS+06, ZOB+96, vdMLB+11, AHR+06, AISR+16, ANI09, ASH+11, ACBMQ08, AM02, BTV+11, BWL01, BBM+08, BSG+02, BSL08a, BQT08, BABB08, BML+06, BMF+01, BGH99, Boy02, BBB+11b, BSS15, CGM+07, CGSZ13, CSW+17, COV+08, CJF+98, CWTJ03, CHH19, CAÖT04, DVS+97, DP99, DVPR06, ESDM13, FAS+03a, FME+09, FCW+15, FGH+13a, FBCP01, FC09, GJC98, GGSC03, Had11, HRM+06, HBSL01, HOD+09, Har06, HTS+09, HKN+09, HCG+09, HNK+12, HWS+98b, JBS+13, JBM+08, KSH+09, KLM+11, KTF07, KNC+09, KHE+11, LBR+11, LF07, LWLS98, LL01, LCS+06, LSS+09, LSS+11, LGO08, LGF03, LSM+06b, LRH+11, LB98b, LFHM97]. **iron** [MP99, MSK+06, MJW+06, MSJ+06, MBF+98, MBS+13, MAB+01, MLS+06, ML20, MMT08, MMC11b, MW06, MC13, MQACB08, NHS+09, NKF+10, NMH+06, NTK+09, NSMBN08, NW01, ODH+07, OCL+08, OSCS00, PCDM11, PHS+11b, PSF+07, PPL+07, PD01, RLD+15, ROL+15, STN+06, STN+09, SVC+08, SD06a, STF09, STJ+08, SMH+06, SvdMC+16, SH99c, SSUB15, SLT+11, SSI+09, TYBY06, TGK+11, TAL+12, TVLB08, TRHA01, TA01, TDC08, TSN+06, TSMS09, TNS+09, UWTS09, WN01, WTCB09, WTL+06, WC06b, YLR18, YET06, YOI+09, ZZY+19, ZHB+07, ISB+11, SvdMC+16]. **iron-** [ISB+11]. **iron-enriched** [HWS+98b, MQACB08]. **Iron-enrichment** [ZOB+96, CJF+98, STN+06, STN+09]. **iron-enrichments** [HBSL01]. **iron-fertilised** [ASH+11, ACBMQ08]. **iron-fertilization** [BSL08a, FC09]. **iron-fertilized** [COV+08, JBM+08, LGO08, TDC08, TNS+09]. **Iron-induced** [LLK+09, FBCP01, HOD+09]. **Iron-limitation** [PHD+11]. **iron-limited** [CSW+17]. **Iron-mediated** [BA01]. **iron-stimulated** [NW01]. **IronEx** [CJF+98, GJC98, SLW98]. **IronEx-I** [CJF+98, GJC98, SLW98]. **irradiance** [ER05, JEK+15, TLR+00, VMI+08]. **Ischnomesidae** [BSCE15, BB04]. **Ischyroceridae** [BVL04]. **ISDSC5** [MDLvW14]. **Isididae** [STR+14]. **Island** [BS03, BAKF03, Can06, CKL03, GUSB03, HNB+13, KFG+03, KRW03, KL03, LCS16, LWSZ13, PDC+99, RHZ+03, SBKS03, SBG+03, SGD+03, SSAF02, ZHY+13, BNM+07, DNK+08, MSTT07,

CRBK03, DGN+17, ESG+17, FPGH02, HVWH09, IAC+03, KBW+11, KIM08, LCG03, LHKHH10, LT03, MAT+12, NKA+11, NCR+08, SMLP04, SAM+13, SE95, SBK+16, THJ+05, TAL+12, WTI+20]. **island-induced** [MSTT07]. **islandica** [DKP+14]. **Islands** [BZMC20, Can06, CBSS02, DAN23, FWP+07, GFPM02, HSD04, HPM02, JRGLJ+19, LT03, MNR+11, MiSW08, PNLFS02, PNLF02, PNLFS03, PSF+07, SCC98, TM22, AMN+02a, BCE+07, BJK+22, BCG+22, BSR08, BSRM08, CRJB08, CRJ+08, CWEHT22, CHH+22, DNH+02, DVS+14, FRH+98, FSK+02, HMS+13, HKN+04, HWS+98a, HSR+22, JVDH08, KHGL+02, LTW+22, Loh08, MDJS11, MFN+02, MYL+98, MKKF18, MDTG13, NHCL14, NSMBN08, PHH+16, PNLFS02, PMLM+02, PC08, RPA07, RMD+12, SMY+98, SVJ+08, SHC+22, SBH+02, SKM+08, SKMS08, WST15, ZLOR02]. **Isles** [Pin93, ZHB+07]. **isobath** [SKSW02]. **isolated** [CHH+22, FMWD07, LH06, LDG94, RHL+16, ŽSN+18]. **isolates** [BKS+10, ER05]. **isolation** [MN10]. **Isopod** [EMG+15, BBB+07, EGMB13, KBR18, RMBW07, Wil98]. **Isopoda** [GMB18, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, MLBB14, RMBW07, Wil08, BBBM04, BSCE15, BB04, EWP+99, EGMB13, Gol15, Gol18, GM22, KBK+18, MB18, MG22, RHW04]. **isopods** [BBT+18, GMB18, KBB07, RLB18b]. **isoprene** [MW06]. **Isopycnal** [SD22, WPD22]. **isopycnic** [EOB03]. **isotherm** [Yu03]. **isotope** [AF01, ACR+20, AKI+16, BLM+10, Car10, CHM+17, CCM+20, CHV+15, EWBW99, HiII+19, HiII+20, HFK+02, HAM+15, JSM+16, JHHK14, Kli09, KHH+17, LL13, LPL+20, MSW+13, MBB+14, MKKF18, NMH+06, NMS09, NESB+15, PHD+18, PGFP+08, PCP+17, RTC06, RKM23a, RPF+16, SAM+12, STS11, TSW+12, TNT+15, VCO+15, WKM+07a, WYPY06, WCJ97]. **isotope-size** [HAM+15]. **isotopes** [AHV+00, ATN+12, BFM+14, BSS+00, BJ15, CGM+07, CBB+00, CRM+16, CMVS+10, DRH+09, DBMI17, FdBGP11, FCW+15, GLCU+17, GNT+17, JLL+15, KM05a, LNDH+17, RSW+13, RTI+16, SRFR07, SSR96, SDLZ13, TDC08, VvdLS11, WWH+10, vBBR+08]. **Isotopic** [ACV+01, BSR+18, SBM+18, WWHT20, ACBV+18, AHV+17, CTGD08, CFV+18, CH07, ÇYAYT06, CML+09, FDC+18, GHM18, GBH+17, GIPLL+14, HKFL03, KLL03, KCZ+19, KR95, KYKJ16, LKH+07, LGP+15, LSL+15, MC18a, MWK+18, NCSO13, OTNT05, PVK+20, PBVC+16, PGK15, ROL+15, SHWW22, SHR02, Sot09, STR+14, VCRDF99, WMH+07, WCWW99, WCL+15b, ZCG+12]. **isotopomer** [WYPY06]. **isotopomeric** [CFV+18]. **ISPOL** [BG08, HSH+08, McP08]. **Israel** [BBS+20]. **Israeli** [BBAL+20]. **issue** [MI06, STM04a, STM04b, TTL+16, ZS19]. **issues** [MGT+20]. **Italy** [ESL+10]. **ITF** [SWK+23]. **IV** [NVBJ08, VNA+16].

**J** [Ano97b, Ano97c]. **J.** [Lut09, SPS+09]. **JADE** [SWCB02, WSFB02]. **Jakarta** [DHCV19]. **Jan** [NA09]. **January** [ZHB+07, Ano98h, Ano99g, Ano00g, Ano22p, BPRS11, CTBNL08, CHU+00,

DDK+00, GR10, HWN+04, JKK+10, NPBS00, SKW+04, SGW+00, SKH10b, WGB+04, WRBS10, WvdE00, YTF02]. **January-February** [GR10]. **January/February** [HWN+04, SKW+04]. **Japan** [ADGA06, MB13, Sco05, SSK+05, SSK+07, SHM+07, TMP+13, YK04, YKSI19, Ala13, ADGA05, BPBJ13, BEB+13, CC13, Che13, CHT+13, DFY+23, DBL+05, EGMB13, FM13, FB05, GBPB+13, Gri13, HFKY05, HH05, IPTH03, JCP17, JKP+17, JSP+17, Kam13, KM05b, KJL+17, KLTS13, KBKW13, KFJ+05, KOT+20, KHL+17, KHH+17, LN05, LJL+17, LVP13, MA13, MGE13, Mar13, MW05a, MW05b, MBS05, NMS09, PW05, PK13, PKHH17, PRJW05, RJ05, SS13a, SSY+05, SNIT02, Ste13, UC13, VKM13, WP17, YAOW05, YCYK10, ZSKL19]. **Japan/East** [ADGA06, YKSI19, ADGA05, DBL+05, FB05, HH05, KM05b, KFJ+05, LN05, PW05, PK13, PRJW05, RJ05, SSY+05, YAOW05]. **Japanese** [Har06, HK19, Ike03, KUT+20, KT06, KKUK10, LTL+23, MWT+17, WWH+10, YK05, YFY+10]. **japonica** [HK19, KT06, Mar13]. **japonicus** [HiII+19, HiII+20, LTL+23, WWH+10]. **JASON** [RSH10]. **Java** [SWK+23]. **Jaw** [LWB+07]. **Jellies** [RHK+10]. **jellyfish** [PHKW10]. **Jenkina** [JR11]. **Jenkins** [Eif05]. **Jenny** [MS18]. **jerichonana** [ZJFV15]. **Jersey** [RGS+15]. **JES** [KM05b]. **jet** [BPS00, WGB01, ZV13, BMM+99]. **jets** [RF99, SBG05]. **JGOFS** [Ano96g, Ano06d, BMK96, DKSF01, LMB+98, MK96, MCG+98, MJG95, RD97, SH00, SMBM99, SKM01, SA03, SCB+01, ZDWR95, BRPI02, BAH+95, CGR+96, DGN96, DH93, DBC+02, FK98, Fri01, GGH98, GGH+00, GCD+06, Har96, IF95, KFH01, KD01, LFM02, LDFS93, MFG+93, Mar02, MLD97, Qua97, RMC+93, RDG+95, RSD+97, SYS05, SDB+97, TOP95, WZW+95]. **JGOFS-equatorial** [BRPI02]. **JGOFS/ONR** [KFH01]. **Joint** [AS01b, DD06, SAM+00, BPBJ13, BHJ99, SBCH02, WCH+93]. **jonasfish** [RDW+22]. **Juan** [DCS+18, MTB09]. **jubatus** [CFGR07, GS06a]. **Julian** [TSS+21]. **July** [BCI02, JPSB93, MLG+02, RS02, SBK08, Yal01, Ano98i, Ano21i, Ano22q, FZW+13, GRWW01, HCWW01, JWS01, TZS+01, ZSB01]. **Jumars** [PWCL98]. **jumbo** [FEB+13, NA13, Sei13, SFMG13, SGFP13, TTDR13, TS13]. **juncture** [NGS+15]. **June** [DTP+05, LSU04, OE06, TDKA05, VPK+19, Ano98n, Ano99h, Ano22r, Ano23k, BSN18, DZY+01, FZW+13, GGF+08, GGDF08, Gra09, GW15, HCWW01, JWS01, KAM+20, RWR+02, SBK08, TZS+01, Yal01]. **jurisdiction** [HD17]. **just** [HML99]. **Juvenile** [MHG+17, ABC+05, BWC+02, CFGR07, CSS+22a, CSS+22b, CBA+05, DMFB19, GKR+18, HK19, JGM09, KMOM19, LB18, LWB+20, LSWH07, MCS07, MBC+09b, PUB+06, SNS+16, SMBL19, SH16, TTDR13, VBM+19, VSM17, VMF+16, WBA+17]. **juveniles** [SA14, SDAH+12].

**K-PORT** [LGK15]. **K2** [BGS+08, EBB+08]. **Kaartvedt** [Ano97b]. **Kaikoura** [LRN+14]. **Kaluga** [Mas02]. **Kamchatka**

[Ala15, BPPJ15, BCNS15, BSCE15, BEM+15, BM15, BAF+18, CKFC18, CAK15, CBMM15, DJ15, FMZ15, FEB+15, Gol15, GC15, Kam15, KWPB15, KKVP15, LMS15, LVP15, MA15, MA18a, MA18b, MB15, SA15a, SA18, SA15b, SC15, DDAH+14, EMG+15, FB15, Jaż15, MAK+16]. **Kamptosoma** [MCLP04]. **Kamptozoa** [BCNS15]. **kamptozoan** [BCNS15]. **Kara** [PP95, PKA95]. **Kärdla** [ASS02, SSAF02]. **Karenia** [LWZ+23]. **Karlodinium** [DLG+14]. **Katsuwonus** [AKK+17]. **Kayak** [SBK+16]. **keep** [SLDL93]. **Kelvin** [MV19]. **Kemp** [BTC13]. **Kennebec** [KCA05]. **Kenya** [DDB+97, PJLO+17]. **Kenyan** [GVD+97, KDG+97]. **KEOPS** [STJ+08, BSL08a, BQT08]. **Kerama** [DAN23]. **KErguelen** [BQT08, PRDF08, VPSL15, ZDW+20, ACQ+08, ACBMQ08, BCE+07, BvWR+20, BSL08a, BTUV08, CTBNL08, COV+08, CTW+20, CD20, CS20, GBL+08, JDS+08, JBM+08, KFA+20, LGO08, LWB+20, MWK+20, MMT08, PFDG08, RWT+20, SCSMT20, TVLB08, WMW+20, WWHT20, ZLJ08, vBBR+08]. **kerguelensis** [DVS+97, NGM+20]. **Kermadec** [JLL+13, LMLJ18]. **keta** [ARWM13, KKUK10, KMOM19]. **Key** [TAL+12, AGN+02, AHB+17, BJP+22, EAF+17, KB15, KRGT14, MA13, MM15, SKL+22, SPP22, WTA+18]. **keystone** [Ant10]. **kHz** [HB03, MOT98]. **Kick'em** [MS18]. **Kiel** [MPL15]. **killer** [MT98, OMAA18]. **Kimki** [CPW+18, MC18a]. **Kinematic** [BSZ99, MB03, PCJ+05]. **kinematics** [HMAW11]. **kinetic** [HXF+23, ME02, MSBS01]. **kinetics** [BCL14, CB01, HMB+96, JLB+99, MHB+95, Rai11, SYS05, VQ97b]. **King** [NKA+11, BHB+07]. **Kingdom** [DHS+14]. **kinorhynch** [AM15]. **Kinorhyncha** [AM15, AM18, AM22a, AM22b]. **Kinorhynchs** [AM22b, AM18]. **kisutch** [TBH09]. **kitazatoi** [SRAL+17]. **kittiwake** [VM13]. **kittiwakes** [RDBP14]. **Kliopsyllus** [VK04]. **km** [DKZP16, OvdRvA+22, QNL+16]. **Knoll** [WCK+18]. **KNOT** [FNYK02, INTS02, KNI+05, LIS+02, TNIW02]. **knowledge** [BRPI02, DCA+98, HBB+13, KR07, RHD+18, SFH+18, VGZ+19, VCG+20, YHC+15]. **known** [CC13, CBMM15, FM13, MFS+23]. **Kodiak** [LCS16]. **komokiaceans** [GCKC07]. **Korea** [JKN+05, PKHH17, THJ+05]. **Korea/Tsushima** [THJ+05]. **Korean** [CKY23a, CKY23b, LGK15, SJL05]. **Koryak** [DGK+22, RKM+22]. **Kostarrenkala** [FS14]. **Krill** [KP10, KNV+10, NCR+08, SKW+04, SB22, VKM+10, ADG+08, ASF+12, BLBW+11, BKCV10, CHPF10, CWD+10, DEJ08, DYEJ08, Dem04, FLLGR04, FWC+12, FJF+11, GSK96, HWN+04, HKN+04, HH03, HWCT08, IDSM04, JKK+10, JR04, JHHK14, JH04, KGE+04, KKM+10, LLK+16, LRR+04, MDH08, MOT98, MTWH04, NKK+00, OVKN11, OM98, PFP02, PAM+04, Pak04, PNH+00, RJB+04, RCF+08, RQNO04, SAVP12, VF08, WLR+00]. **krill-dominated** [LRR+04]. **Kruppomenia** [OBH+18]. **Ku** [SL11]. **Ku-band** [SL11]. **Kudinova** [BPKJ15]. **Kudinova-Pasternak** [BPKJ15]. **kuhlii** [CSM13b]. **Kullenberg** [EG96]. **KuramBio** [BM15, MB15, SBBP+15]. **Kuril** [CKFC18, Ala15, ASV18, BPPJ15, BCNS15, BSCE15, BEM+15, BAF+18,

CAK15, CBMM15, EMG+15, FMZ15, FB15, FEB+15, Gol15, Gol18, GC15, GC18, Jaž15, Kam15, KWPB15, KME18, KKVP15, LMS15, LVP15, MA15, MA18a, MA18b, MB15, MB18, MKKF18, SA15a, SA18, SA15b, SC15]. **Kurile** [BM15, DJ15]. **kurilensis** [MB18]. **Kuroshio** [CBF+16, OCT+19, CK10, CBF+13, DJFK+22, HiII+19, HiII+20, HYK+02, NI10, PUB+06, QC10]. **Kuwait** [SAKP+22]. **kyr** [BLI+09, DNG+12, GHM+12, RBB+97]. **kyrs** [ITM+12, KSH12, SIA+05].

**L** [Ano97c, BDG+04]. **L.** [GW98]. **L4** [DIM+12]. **L4-SQUAM** [DIM+12]. **labile** [PDTS08]. **Labioleanira** [Ala18]. **Laboratory** [ASM06, DGR02, HJS+10, BCH+19, CSS+22b, MML07, TCM+22, TPP+20]. **Labrador** [BLG11, FS05, SRFR07, Spa99, SGL99, WTSP07]. **Lacepède** [PK08]. **lactating** [NBCT13, RSCFT+13, RSCFT+16]. **lag** [Sch07]. **Lagrangian** [ASN+02, BLG11, BSL11, CRMI18, DKC+17, DMW+07, FSK+05, GMPS04, HZ19, JWS01, KTB+05, LML+01, LAW+05, LOA13, MDSA19, NRBO+05, PHDK11, PAUB19, PZK+05, RLVF02, RP05, SHM+11, ST13, SABP+16, SS13b, TS03, VALW23, WB01, Web19, YLU+14, YSWJ16]. **Lake** [LPZ+04]. **Lamarck** [GIPLL+14]. **laminar** [JS14]. **laminated** [GPK02]. **lance** [BDL+22, SLLT10]. **Land** [CHU+00, DBDT03, EWA+03a, WLR+00, CHN+18, RdGM+09, WAK+12, BH03, BCA+03, DBD03, EWA+03b, HBBD03, LCVV06, PS03]. **land-remote** [WAK+12]. **lander** [CLJ+13, LDBvdB17, LLM+17]. **landings** [JRGLJ+19]. **landmark** [KT06]. **landscape** [GGP+14]. **Lanka** [CS19, LPJ+19]. **lantern** [CAJE15]. **Lanternshark** [SLC+15]. **Laotieshan** [XZM+23]. **Lappanella** [GPCC+17]. **lapse** [EFR+16]. **Large** [Ake19, BH19a, BCH+19, Bro19, CJ19, EHL02, EHB19, HCWW01, HB05, KKSA19, LP19, PH19, PRDF08, PVRA07, SPDW19, SID19, Sum19, YKSI19, ZQW19, dSG09a, vCO09, BKY+17, BT98, BMSBM+17, DURP03, DHCV19, FMZ15, GDL22, GdRGLS04, GPCC+17, GKB19, GBBS00, Hol06, IPH+17, KNV+10, KVS+09, LTL+23, LPA+95, LL13, LTS+13, MKKB14, MML07, MALT05, MRC05, NMR10, OBA02, PFW+09, PDA+17, PLA+17, PE17, PHS03, PBMM14, RHPR15, SSLP95, SKW+04, Spa99, SNFK20, SGM+02, SL11, SB05, TSA+01, TLK+02, VTA+11, WR09, WDKC00, WYT19, YOK+10, YOO+10, ZSKL19, vHSM04b, WDFK+22]. **Large-eddy** [HB05]. **large-particle** [SGM+02]. **Large-scale** [BH19a, BCH+19, CJ19, EHL02, HCWW01, PRDF08, PVRA07, BT98, GdRGLS04, Hol06, KNV+10, KVS+09, MALT05, OBA02, PE17, PHS03, SSLP95, SKW+04, Spa99, TSA+01, VTA+11]. **large-sized** [TLK+02]. **large-volume** [BKY+17]. **larger** [Gag04, PM10]. **Larsen** [HDR+11]. **larvacean** [BDW+96]. **Larvaceans** [LW10]. **larvae** [AMJRD19, BOB20, BSN+15, BD06, GGAMV+23, GLCU+17, HCWH00, JBJ17, KM98, KHT+20, LCR+96, LM01, LBB+06, MWF+19, MMM+13, Mun14, Mun16, RNP93, SVJRSON04, SVAGRCS04, SDAH+12, SM03, TLW+94, WBCB06]. **Larval** [CRNP06, GDAMS19, LCD+24, SRS11, ADG+08, BHS+19, Dal04, DFY+23,

EWG94, HK19, IAA96, IABR+17, JGM09, KOT+20, KVS+09, LWB+20, LH15, LBM+20, LM96, LLW01, MDH16, NHBM10, PAM+04, RQNO04, RG06a, RG06b, SCD+22, STS11, TP96, TLW+94, VALW23, VMF+16, VSFF09, WPLN96, WBML06]. **last** [BIP+02, BLI+09, DW15a, DNG+12, DFA+20, FMH+02, GBC+05, GHM+12, HdVGHM02, HSS+12, IOTS16, ITM+12, ITK+16, KSH12, MRB+14, PWF03, PCY+13, RRL+14, RLPF07, ACFS02, CMVS+10, LXWC21, LAT+18]. **Late** [ACBMQ08, BW99a, CSS+02, EGL+16, MT15, OTK+05, SMB+17, SLB+15, TT05, WMP+11, WCJ97, YKY+07, CRM+16, DSB+18, DW15a, DEL+17, Die07, FWP+07, FPB04, GTTKB14, GSdS+14, HKY+16, IKR+12, KT05, KMM+08, MWS+15, MPC99, MDT+08, OVKN11, OTA+05, OACA19, OSCS00, PF02, RVJG+02, RVJG+05, RQNO04, SMS01, SLA+01, SLP+17, SKF+10, TMT+11, THT11, TML+16, WSL07, YK16, YCA+20, ZSLL15, dBC+09, ASS02, Cha07, KKT16, Led93, MAK+16, PDBH03, SSR+14]. **late-summer** [OACA19]. **later** [IPLCHRMR19]. **lateral** [AML+19, BMT20, CMG+12, FBS94, MS06b, RBP+94, SFG98, WFA+95]. **Latitude** [MTG18, Car07, CWdE99, Dri09, GKGW22, LBM09, MGK19, MLVM02, PSK+00b, PTS17, SKL+22, SHD+96, WAN+15, WCJ97]. **latitudes** [LMG93, NGS+20, WWN+02]. **Latitudinal** [ADE22, CG21, CSF+12, FUGG+09, FG97, JLJ+12, OB22a, RDLZ02, SHI06, SBD+97, SBN+15, SL12, THZ06, TRB98, WZW+95, ZDWR95, ATI+23, CAH+09, JNBJ17, KVS+09, LBE06, OvdRvA+22, PHS17a, SBB+11]. **lato** [HNS+11]. **lattice** [LKTS01]. **Laubier** [DCA+98]. **launch** [OSG+13]. **lavas** [RSP+98]. **Lavrentyev** [CP22, Ste13]. **Lawrence** [HNB+13, RSR+00, TLKT00, WTI+20, DSO+00, DKI+00, DI00, GLCP12, MCS+09, PCB+00, RSRL00, SVR+00, VSR+00, ZX12]. **laws** [NYNK05]. **Layer** [PLRV22, AML+19, Ano05e, BGS98, BS98, BB98, BJF16, BSP00, BU05, CBCT09, CMT93, CBW01, DP02, DDL06, DJCF09, DKI+00, DI00, EWG94, FM99, FGF+14, FvFC+11, FCAD04, FGH+13a, FC09, GCRW95, GGRW99, GGT+02, GK04, HS96, HTM+03, JDL+22, JCPC09, KFJ+05, KN05, LKD+15, LML+01, LMA08, LHX+22, LZZ+16, LYL22, MRRG23, MMS+16, MSM+02, MS12, MKS+02, NYNK05, NS93, NC97, OM14, OE06, OHFW93, PTM+16, PBGCD+13, PF06, PKZ93, RH07, RFHL99, Sco05, SS09, SGJ+20, SNB02, SHM+20, SWLW11, SBB+05, TWC+07, TNIW02, VMI+08, VTD+20, WNRM08, YLU+14, Zül05, Sor99]. **layer/planktonic** [DP02]. **layered** [CSL+22]. **layerobservations** [SS99a]. **layers** [BFT+97, BSRB17, CMV+20, DNG+12, FVSRR14, FKW01, JLM20, JRKR19, KWF+19, KMM+08, LN01, OSM+20, OGBF08, PHK+14, SNS10, SYT+10, SBHS20, TMC+14, VPA+09]. **Lazarev** [FvFC+11, HPS+11, PDH+11]. **lazy** [MNR+11]. **leaching** [KFW01]. **Lead** [AHV+00, ACV+01, ACG+01, NDT+01, VCRDF99]. **leader** [YFY+10]. **leading** [RHPR15]. **leads** [SF08, ZHD+08]. **leaf** [JS14]. **Leakage** [WW23]. **leaky** [MTK+14]. **Learmonth** [NDE14]. **learned** [ALHP18, GBS+22, LTF+19, VABCR+24]. **learning**

[BFH+23, CKY23a, CKY23b, HCJ+22]. **learnt** [SBL+18]. **lease** [FR10, MP94]. **leatherback** [WNHF+15]. **leaving** [BY04]. **Lebbeus** [NCL13]. **Lebensspuren** [BJA13]. **LEDS** [ZS19]. **lee** [CRJB08, CCW+08, KND+08, MBNRB08, MBK08, NKD+08, RBN+08, VMM+08, WZZ+23, OM14]. **leeches** [UC13]. **Leeuwin** [BKM07, CMC11, DMW+07, FM03a, FMFW07, Gau07, HWTP07, HWP+07, MFPL19, MPI07, MFFM03, MBO07, RPM07, WTP+07, WPG+07]. **Leg** [KOS+16, NGM+05, GPK02]. **legacy** [SPS+09]. **legend** [Ano17f, Ano17g, Ano17h]. **legendary** [BM15]. **legged** [VM13]. **Leiopathes** [EWF+18]. **Lemnos** [TKP+20]. **lemuru** [SNH+23, SWK+23]. **length** [MN10]. **lentiginosa** [NGM+20]. **leonina** [GBC+13, MdSLH13]. **Lepidepecreella** [BVL04]. **lepidepecreellid** [BVL04]. **Lepidisis** [STR+14]. **Leptostraca** [HRS+23]. **lesion** [DAN23]. **Leslie** [CAJE15]. **less** [NB10]. **Lessons** [CMP14, LTF+19, LZM+13, VABCR+24, GBS+22, Reb03, SBL+18]. **lethality** [BKS+10]. **Leuca** [Di 10, MDC+10, SC10, BFT10, CMVS+10, DCC+17, ESL+10, RVD+10]. **leucas** [EF98]. **Levantine** [OGG+20, AZK+20, AKHR+20, CKH+05, EFR+19, KWA+20, KVPK20, KWH+05, ÖHÜ+93, PZK+05, SLM+20, TGLN93, VPA+20]. **levee** [SSHB03]. **Levefre** [Ano97c]. **level** [ACK+14, AL13, BLSW05, BMB+18, BGH+19, CHH+21, DIM+12, DLB+11, EHL02, HGM+11, JCF+06b, LFPC14, LZS+18, LSGM02, MMID17, OYK15, OKY+17, PFX+02]. **level-related** [BGH+19]. **levels** [BRD+18, DPS+14, DTP+05, PTD+14, SMS+07, TBB+14, WLY+22, ZTZB09]. **LGM** [CRM+16]. **libraries** [LTG+09]. **Lidar** [YAS+93, CMV+20]. **lies** [NRSL17]. **Life** [Ano09b, SH11a, SKH+10a, ABE+11, BGIJ+06, BZS+16, BFF+10, BMK09, CMC11, CCC+23, DDAH+14, DM16b, DSC+19, DABF+16, FGB10, GGPM05, HiII+19, HiII+20, HPH+16, IDSM04, JKJ+22, JAP+13, KCMT+20, Man94, MDH16, NA09, PDH+11, Pro09, RS15, ROY13, RGIH+06, SDB+19, SSDA13, SMV+13, SHC+22, Ste10, Vri09]. **life-cycle** [FGB10]. **life-history** [NA09, SHC+22]. **life-stage** [GGPM05]. **lifetime** [HON+13]. **ligands** [BBB13, GBL+08, ISB+11, JBS+13, MP99]. **Light** [HLFP08, AA12, BW93, DO96, Eks07, GOH+15, HH20, MBHP99, MSH+07, MHP+07, PHD+11, PKZ93, PPL+07, PDE+16, RVZ02, SM96a, VGGLB15, VCM+14, ZLOR02, Zon07]. **like** [CAK15, GCKC07, LV17, ODP+17]. **Limacina** [BTFB12, BJF16, PTM+16]. **limb** [GLBB11]. **Limestone** [Cha07]. **limit** [LSS+11]. **limitation** [AA12, BBB+11b, CRD01, DP99, FME+09, GCB04, HDD+11, LFHM97, MBHP99, MTWC+15, ML20, MNPT06, MDGF01, NBSF01, PHD+11, PKA05, RN96, SBQ+02, SF08, TRB+19, WTCB09, WM99]. **Limited** [KCM+14, CSW+17, DCF+11, LVJC17, ZHK+05]. **limiting** [KLKB95]. **limits** [MC15]. **limosa** [VWTK18]. **limpets** [YERT13]. **line** [DHS+09, KOM17, MSA+14]. **line-source** [DHS+09]. **lineages** [IUdV+12, LVJC17, PFdSG11, ZJFV15]. **linear** [BDL+14, Pal19, Wun13]. **lingering** [NM18]. **link** [BASLK04, Gut06, LGVK+14, TMP+19]. **linkage**

[EQW+13]. **Linkages** [Ano05d, CSG+13, RNB07, YK05, AKK+14, BFD+23, BMK05, BNM08, CDRB16, HWCT11, PHH+16, PMM+94, WWV12]. **linked** [DSG+09b, EHK+20, GWZ16, LRN+14, WOM+16]. **Linking** [AMK+05, MM05, ROPB03, SMA+17, VM13, Ark13, GEP+16, MSGO18]. **Links** [CPW+18, LWL+16, LSB07, CM00, Hil04, Hin09, HTW14, JRG+22, TSWJ12]. **Linne** [Pro09]. **Lion** [Ano97c, RDdL+13, VAMPR+17]. **lions** [CFGR07, GS06a, RSCFT+13, RSCFT+16, LMM+97, SVB+19, Tho97]. **lipase** [BGG+09]. **Lipid** [BGG+09, LPFS97, PSS+16, WPHL02, CHG15, CSS+22a, CSS+22b, GGRJD+10, KLY+15, PNVJ13, WHL+97, YBHM05]. **Lipids** [JH04, DLL+15, FPHH+09, FLM10, JWC09, JLK03]. **lipophilic** [dSVC+14]. **Lisboa** [dJMTGG11]. **Lisbon** [dSJB+11]. **Lisbon-Setúbal** [dSJB+11]. **Lissarca** [CL06]. **list** [PDB+20]. **Literature** [ŽSN+18]. **lithification** [GTB15]. **Lithium** [CH07]. **lithogenic** [CRS+19, CAFK03a, CDH+00, LBV+08, OL15, ZLJ08]. **Litter** [MTMH11, PGPI+13, vdBGM+17]. **little** [CC13, RCKCK07]. **little-known** [CC13]. **Liu** [Won15]. **live** [MGK19, CG04]. **live-dead** [MGK19]. **lived** [CMW+05, CBB+00, KM05a]. **lives** [LPA+95]. **Living** [ATJ05, FDR+18, GMMS05, KMM+08, SNK07, WMW96, BAS00, BCG+22, BGB08, FBP+17, FMZ15, FDP+14, KB15, LWW+15, RSdV+09, SLDL93, Sei13, TS13, VVV04b, ZS19]. **living-resources** [ZS19]. **Livingston** [Can06]. **LMEs** [BH19b, Sum19]. **load** [KW03, WCRG95]. **loadings** [MBB+02]. **lobe** [BSS+17, CRD+17, DDB+17, ROB+17, SDT+17]. **lobes** [RBDO17, SSB+17]. **Lobo** [BRCFP23, BRCFP23]. **Lobo-lobo}** [BRCFP23]. **Lobodon** [MCBC08]. **lobster** [CRT+00]. **Local** [DWBP13, HBB+13, SFR+06, Wil08, AL13, CMC11, DSG+09b, Gag04, GASGB+14, HCHD09, MBP09, OM98, Pal04, SSP+09, TSWJ12, Yu03]. **located** [BMGC09]. **location** [CBHF10, FPS10, HPS+13, RJM+15]. **locations** [CBW01, ERPFF11, GBB+17, LWB+20]. **locking** [LWS21]. **Lockne** [OM02]. **logger** [RCKCK07]. **loggerhead** [PUB+06]. **loggers** [GBC+13, JBB+13]. **logging** [Ano07c, ELP13, HBM+07, Pon07, YKN07]. **Loihi** [MTDK98]. **Loki** [KEA+17]. **Loligo** [SMV+13]. **lomvia** [WTI+20]. **Lonchiphora** [GJ11]. **Long** [ASS02, AKK+14, BBR+10, BMOW09, BL03, Bre93, Duc08, GUSB03, JPM99, KBL01, LSdC+10, LDBvdB17, LO03, LW15, LBD+22, NLS+10, Reb03, RPF01, RVGF02, RSS01, SRS+15, SD98, SM03, SBC+16, WP17, YPY+13, YKO15, ADRS19, AMTE09, BC08, BGS98, BG08, CFK15, CMW+05, DHM+22, DVCG+12, DEK+08, GLCP12, GG02, HZK04, HNCW23, LMF+21, MSA+14, PCT18, PLGCL09, SS09, SSP+09, SBG+03, SWLL23, SGL99, SD96, WSLP10, Ynd09]. **long-lived** [CMW+05]. **long-range** [CFK15]. **long-range-transported** [SSP+09]. **Long-term** [ASS02, AKK+14, BBR+10, BMOW09, BL03, Bre93, Duc08, JPM99, KBL01, LSdC+10, LDBvdB17, LO03, LBD+22, NLS+10, Reb03, RPF01, RVGF02, RSS01, SRS+15, SM03, SBC+16, WP17, YPY+13, YKO15, ADRS19, AMTE09, BC08, BG08, DVCG+12, DEK+08, HZK04, HNCW23, LMF+21,

PCT18, SS09, WSLP10]. **longicauda** [GRB+17]. **longipes** [HPL+12]. **longitudinal** [OvdRvA+22, SLB18]. **longline** [DWM+15, HHMF11, LFKF+17, MWT+17, JMP+19, TMGLM19]. **longlines** [FCBD08]. **Longwaves** [FDM+97]. **look** [AS02a, GSP14, SCB+01]. **looking** [HVBO08]. **Lookout** [Bla94]. **loop** [KRB95, WLH+16, YFL+23, CH24]. **Looping** [CMRI13, SRBR05]. **Lophelia** [AHVB+17, BRB+13, BR14, BMSBM+17, HWK+14, JBJ17, LPPCF10, NOFP14]. **Lophius** [LAÁ+14]. **Lophogastridea** [LDBS+17]. **Lopphavet** [SSR+14]. **Lord** [DLHH11, ANS+11, Har11, KBW+11, NHD11, PWN+11, RHD+11, WACGH11, ZRC+11]. **losers** [LWJR22]. **loss** [CSS+22b, LWJR22, PHD+18, RRWR08, RFHL99, WTT+20]. **losses** [KSS00a, KLD21, LZZ+16]. **lost** [BSCR11]. **Lotus** [JS14]. **Lotus-leaf** [JS14]. **Lough** [Ano97b, OM14]. **Louisiana** [WCSA+16]. **Low** [BCN+17, Blo02, KCY+16, LDV+02, PKZ93, SPF+94, VAMPR+17, BBL+13, BMB+18, CMJ+18, GEP+16, GMD07, LB07, LG00, LLL+15, LJHAA19, LGF03, LMG93, MBL+15, NSKG96, OUJ+19, OHFW93, OBKA17, SFB16, TRM+07, VCM+14, RBO07]. **low-Arctic** [GMD07]. **low-chlorophyll** [LGF03]. **Low-frequency** [LDV+02, SPF+94]. **low-oxygen** [OHFW93]. **Low-temperature** [Blo02, TRM+07]. **lower** [BRD+18, BLM+10, BHSJ16, Car10, CHH+21, CBHF10, EHK+20, GW98, JCF+06b, KKUK10, LSGM02, MSH10, MCH22, Osc01, PAR+08, RFJ10, RSH10, WCJ97]. **lower-slope** [CBHF10]. **Loxosomatidae** [BCNS15]. **Loxosomella** [BCNS15]. **LTER** [GO15, MSS15, RQM+08]. **lucetia** [GGAMV+23]. **Lucicutia** [GW98]. **Lucky** [MCB+15]. **Luhuitou** [ZHY+13]. **Luzon** [CHL+15, CW22, SWO10]. **lyase** [SMGB02, SMGB03]. **Lydonia** [MS09]. **Lyman** [BTC13]. **lyre** [GKBG17]. **Lysianassoid** [KBF+08]. **Lysianassoidea** [BVL04, DHST13, HNS+11]. **lysis** [BTUV08]. **lysocline** [Che02].

**M** [Ano97c, CP22, DCBS98, Ste13, BSJ13, BRPH20, CPF+14, CdST+17, CSGV13, CMB02, DBBWH20, FARLR+13, GHIM04, GHG+04, GG02, LG09, LWM+09, NRM+99, PBN10, PDB+20, RdGM+09, RMCAR06, SKSW02, SBE+99, SGM+02, SHY+08, SWMB10, TGRB02, TR02, VVV04a, WEB93, WAP+18, WAM+18, WGG98, BWD20, BRPH20, CMH+20, LSST20, PDB+20, SKC99]. **M.** [Mal15]. **M1** [PC00]. **Ma** [KKT16, NGM+05]. **machine** [BFH+23, HCJ+22]. **mackerel** [DFY+23, HiII+19, HiII+20, LTL+23, OUJ+19, WYL+20]. **mackerels** [LH15]. **Macoma** [GGC19]. **Macondo** [CDM+16, JBÖ+16, LAPL+16]. **Macro** [BBAL+20, LBB+07, BS98, BHS+19, BFA+08, DYEJ08, Gut06, MLH+22, PDK+14]. **Macro-** [BBAL+20, LBB+07, BS98, BFA+08]. **macro-and** [MLH+22]. **macro-invertebrates** [PDK+14]. **macro-tidal** [BHS+19]. **macro-zoobenthic** [Gut06]. **macro-zooplankton** [DYEJ08]. **macroalgae** [GGP+14]. **Macrobenthic** [GPC+04, LGML00, BF14, BMGC09, LG00, LPS14, SLS+09]. **Macrobenthos** [LMKL09, DGK10, DSO+00, FMZ15, IARR01].

**macrocephala** [MMN10]. **macrocephalus** [BZS+16, CCC+23, FHAH16, HSC+19, MMS+19, MDH16, MZH16, NHCL14, SH16, SHPM14]. **macrochir** [KPBK08]. **macrodescriptor** [MA09]. **macroecological** [BVB14a]. **Macrofauna** [FvFC+11, Bor01, BEM+15, BFB+18, CMP14, Gag04, GLdS+09, LG98, LMG17, MBI+10, RKM+23b, WCSA+16, Wit00]. **Macrofaunal** [BRBD17, BSL08b, GSM+08, HLL+09, SMB+98, VD98, BRP+13, BT98, BAF+18, CDM23, CPA+11, DVS+14, GMR+09, LS18, MTB09, ODP+17, Sor99, WHF+19]. **Macrofouling** [BSJ13]. **macroinvertebrate** [XSM+19]. **Macromolecular** [KLJ+16, YLK+15]. **Macronutrient** [FBCP01, HTA+17, PWH05]. **macronutrients** [CMW+08, DEL+17, Zon07]. **macroplankton** [KOO+24]. **Macrostylidae** [RLB18b]. **Macrostylis** [KBR18]. **macrotidal** [PRP15]. **macrourid** [FARLR+13]. **macrourids** [PK08]. **Macrourus** [PK08]. **Macrozooplankton** [HSK+00, DC12, FPGH02, HPS+11, KFG+03, KRS+11, LRR+04, MAH+12, PDT11a, SHY+08]. **macrura** [WMW+20]. **macura** [FLM10]. **Madagascar** [HZK04, ATLD+20, CDDC03, HZK04, NMWH19, PGK14, RT20, RNR20, VTD+20, VHT+20, WGW+19]. **Madden** [TSS+21]. **made** [BDM+03, CWD+10]. **Madrepora** [AHVB+17, NOFP14]. **MADRidge** [RTM+20, RT20]. **Magdalena** [RAR04]. **magellanicus** [DVC14, TLW+94]. **magmatic** [Bak98, CL15]. **Magnetic** [Ell93]. **Magnitude** [MFE+02, HPWP07, OHS10, ZXH+13]. **Mahon** [OM14]. **Main** [DVS+14, HSY08, Kha18, VGGLB15]. **Maine** [CPS05, DTP+05, FHR+14, GKQ+05, LLK05, PCJ+05, TMTR14, TDKA05, ASK+05, AKK+05, AKK+14, ACK+14, Ano05a, ABS+14, BMH05, BSM01b, BAD+14, CTCD05, CPH01, DRR+14, DPS+14, ER05, HS05a, HTW14, JCP05, JPC06, KCMA05, KCA05, KTP05a, KAM+14, LHM14a, LHM14b, LSHP01, LTH05, MTK05, MAST05, MALT05, MBC+14, MO96, MSB96, PTD+14, PHK+14, PAM+14, PKA05, Pri06, RT14, SKM14a, SHFM01, SMSA05, TC06, TBT05, TPT05, TB05]. **Maintenance** [OHFW93, VDS+20, CLB96, GWL+15, MCD+09, SRS+15]. **Major** [Gra09, MKKB14, RvAH10, BSK+97, CH24, CP05, GPÇ18, HIN+02, JC03, LOA15, RT20, SHWW22, YHK15]. **Makapu'u** [LB14]. **Makarov** [SJA+97]. **Makassar** [WGFS03]. **Malacostraca** [GBPB+13, LMS15, BBBM04]. **Malate** [GQ09]. **Malcolm** [ROY13]. **male** [LV17]. **Mallorca** [CB97]. **Mallorca-Menorca** [CB97]. **Mallotus** [ASF+16, LSWH07, ODR+09]. **Malvinas** [GSMG04]. **mammal** [CLQ+18, GR10, LS17, QRE+17, TBPS22]. **mammals** [CTH+98, MK19, SCD14]. **mamubiae** [MM15]. **man** [BDM+03, MFS+23]. **man-made** [BDM+03]. **management** [BC08, BH14, BCG+22, CMB09, CWEHT22, DGT+17a, GBS+22, GCD+06, GAHD+17, HHMF11, HSSH23, HSBT19, KAM+14, LLC17, MGT+20, MPH+16, PLD+17, PMF+17, SCCG09, WGNH15]. **managers** [BHS+17]. **managing** [DCD+14]. **Mandab** [Sme04]. **mandala** [Wya14]. **Mandeb** [SJM02]. **Manganese** [LSS+09, MBF+98, ODH+07, CBB+98, ESDM13, GBO01, KAI21, LL00,

MvSHD01, MdBL+11, NSMBN08, OBRJ01, WRZ+19, YET06]. **Mangkhut** [CW22]. **Manifestation** [DAA+20]. **manipulations** [BGH99]. **Manteo** [MP94]. **Manus** [EMV09]. **many** [DDS11]. **map** [JBB+13, NHD11, SGB+02]. **MAPEM** [TZ09]. **Mapping** [HON+13, NDE14, THV+99, CES98, DHS+14, GASGB+14, MXC15, SMY+98, WMB+13]. **MAR** [MBMGK08, PBB+13, dLWFB08]. **MAR-ECO** [dLWFB08, MBMGK08]. **MarBIN** [GDC11]. **Marcasite** [Sch07]. **March** [Ano19l, DZY+01, FD98, JKK+10, MDSA19, NPBS00, SAM+13, SGW+00, WRBS10, WvdE00, Ano99l, Ano21j, Ano22s, BSMV03, CSG+13, EHK09, IF95, WDG+02, vAvVV+03]. **MARE** [vAvVV+03]. **marenzelleri** [WF13]. **Margalef** [Wya14]. **Margin** [SW00, WC01a, AMH+01, BDW+98, Bau02, BBDL98, Bol08, BRBD17, BG09a, BLW+09, BMGC09, CBNR+09, CB00b, CL09, CML+09, DRH+09, DBD03, DC08, DDB+97, DME+18, EWP+99, EBGCL08, EWA+03a, EWA+03b, ERB+99, FBS94, FARLR+13, FS14, GMR+09, GLdS+09, GdSP11, GSdS+14, HBBD03, HZMH07, HMLS+06, HVN02, HLL+09, JWC09, JBD+09, JWCC99, LSS+09, LOB+09, LSM+06a, LWM+09, LLM+17, LSA14, MY99, MHA+01, MSD+18, MCD+09, MLG+04, MBG09, NEO+07, NHD11, OBC+14, OCG+09, PUP+07, PFC19, PBVC+16, PPM02, QSA+09, RCL+09, RH99, RdGM+09, RRT+17, RSRL00, SBDB09, SHD+14, SV09, SSM+00, SJSI00, VCSM09, VRL+02, VBF+02, WC07a, WNA+10, WC01b, WSB+09, WC09, WAC+09, ZCP+08, dMCNC99, dSJB+11, vWDB+01, vdLEM+14, IBK+11, KBI+11, PLdL97, SSL98]. **Marginal** [JRK+17, Ano95b, BS21, BBD+03, BES95, BOP95, CRS+19, Cri95, FGW02, GKH+07, HTTS12, HK08, IIM02, KHL+15, LGP+03, MN10, MWB95, NHD11, RV00, RHB+95, SRF95, SESS08, TRH+08, TOSH08, THT11, TKF16, TLKT00, WZZ+23, WPW95, WNRM08, WZ03, WvdE00, DEJ08, DYEJ08, PAR+08]. **Margins** [Bau02, VBF+02, APT11, AHVB+17, DDB+97, HBCG14, HWS+98a, HZWW16, MPZ04, MS06b, PF02, RBP+94, SO98, SSR96]. **Marguerite** [AHV+17, ARW+04, ADG+08, BLO04, CHM+17, CRF04, CMW+08, CDT11, DT08, FJF+11, FMS08, HVBO08, HBO11, MDTS11a, MDTS11b, MBW+08, PDT11a, PEC+04, RCF+08, RBS+17b, SFW08, VMB17, WMB+08, ZZP04]. **Maria** [BFT10, CMVS+10, DCC+17, Di 10, ESL+10, MDC+10, RVD+10, SC10]. **Mariana** [LAT+18, iITT+15, TTD13]. **Marine** [Ake19, Ano09b, BJK+22, Bro19, DW15a, DKC+17, EHB19, GASGB+14, HD07, JVDH08, KKSA19, LP19, LVP+17, Lut09, MSvL17, MSGO18, MK19, MWFS17, MPTW11, PH19, PG07, PDT+10, PDT+11b, PJC19, SH11a, SPDW19, SID19, SKR+12, Sum19, SBG+06, VSM17, YKSI19, ZPG14, ZQW19, ZDP+16, vdBGM+17, AYMSAS19, AJ95, AHV+00, Ark13, AZYT16, AGJ07, ASBR17, BH14, BHS+06, BOHW22, BA10, BWD20, BCG+22, BS21, BML+06, BCP+15, CFS+06, CLQ+18, CWEHT22, CNOC13, CWE+17, CTH+98, CRI18, DWG+15, DHCV19, DMC+17, DHS+14, DDS11, DeM02, DW15b, DAN23, DJCF09, Duc08, DGT17b, EPK+10, EPPR09, EBG+15,

FPB+14, FO05, Fri01, FG07, GFK24, GRD+08, GR10, GF07, GKB19, GDC11, HSSH23, Hat02b, HM14, HH20, HAE+15, HDJP05, HSSN08, JRJ+22, JLK03, JRK+17, KRW03, KMMS18, KMB11, KYW20, KMOM19, LWO+09].
**marine**
[LPFS97, LHS96, LAGK+18, LS17, LHKHH10, LLT+00, Mac08, MSMS08, MBH+96, MGT+20, Mas02, MCH22, MDS+16, MXC15, MV23, MDK+01, NCSO13, OPDM11, OBRJ01, OL15, OM02, ORFA+14, PW15, Pas16, PLPS98, Pon07, PSP+09, QQJ+21, RH14, Sch07, SCD14, SPEPS18, SCPC98, SBL+18, SHM+07, SSB+06, SSAF02, TAMTC+13, Tho97, TDvdE+10, TM22, TBPS22, TGFE02, TBFP04, Uys06, VAT23, VVV04b, VGD14, WKM+07a, WWH+10, WBCB06, WWB04, WPW+14, WSSN10, WAC+09, WYT19, XZW+19, YWW23, YSBH06, YHC+15, YBHM05, ZSKL19, ŽSN+18].
**Marine-entry** [VSM17]. **Marinobacter** [MGT16]. **marinoi** [MGG+09]. **marionae** [KBR18]. **Maritime** [SSC+23]. **marker** [RH07]. **markers** [BLS+97, Har94, JH04, PPYN15, PSS+16, Vri09]. **marlin** [CCM+20]. **Marmara** [RDC+18a, ACBV+18, ÇYB+18, FDR+18, GPÇ18, GHD+18, HGK+18, RH07, RÇG18, RDC+18b, ROBV+18, TCG+18, Uys06, YLR18]. **marshallae** [PCAS05]. **MarsiteCruise** [ROBV+18]. **Mártir** [MML06]. **Maru** [CHU+00]. **Mascarene** [WWL02]. **MASFLEX** [TIKS03]. **Masked** [EF98]. **Mass** [AGPR95, CB00a, LTS+97, MPE+09, SLB+16, AKH+02, BNM+07, BH99a, CW97, CCM15, CJF+12, CP05, CRD+17, FDC+18, GLDCA+06, GGLP02, GP16, GOP+01, HCBP97, HWM02, HGMA+02, HdBB+02, HBK+98, IBD10, JR11, JSBC15, KM05b, KDMH18, KHB+04, KHL+17, Las93, LBY+10, MA05, MBS05, MLG+04, OHT12, PMM+94, RdGM+09, RLVF02, RJWD01, RYT01, SH99b, SKD+16, SWC+02, SBHS20, SFG98, SRF09b, SHFM01, SBS+02, SCSMT20, SYK+13, TRF+97, WJS+10, WLA11, WSFB02, WCJ97, YCYK10, vBBR+08]. **mass-balanced** [SCSMT20]. **masses** [BSK+97, BRW00, BLSS10, CBCT09, CPF+14, CRM+16, CAGLV+06, DEL+17, FHR+11, GCR+02, HDD+11, HSY08, KL96c, LHZ+16, MKB+10, OACA19, Pee97, PNL+19, PE17, RMCAR06, RAF+11, SSWM18, SHB02, SRF09b, SSC+00, SLB+16, SGP+11, TGA+09, TGLN93, TMTR14, VPK+19, VCO+15, YLBdR03, ZWK+15]. **Massif** [RKM23a, GTB15]. **massive** [BBLS14, LS14a, ORFA+14, PTD+17, PCB+17, SZM10, SPB+14, TBC+17, ZAC+15]. **mat** [GPK02]. **material** [BS01, BMOW09, CAFK03a, CDH+00, CLGM05, Cri95, DB02, GJ11, GHIM04, HMB+96, HHP+96, LBV+08, MHA+01, NRSL17, RHB+95, SMCA01, SRH+11, TRWB99, WCWW99]. **materials** [ANI09, BD94, KSDE16, NAT+12]. **maternal** [RHM13]. **mathematical** [CHG15]. **Mating** [FRBB10, BKS+10, HC13]. **matrices** [CAJE15, DRR+14]. **matrotrophy** [CGD+15]. **Matruh** [Gol93]. **matter** [AWL+09, ARC02, BGS98, BS03, BHMC05, BSS+17, BCG04, BBDL98, BA94, BSP00, BRP+13, BLS+97, BGG+09, CHPS00, CZVR02, CCZ+21, CM00, ÇYFB+06, ÇYAYT06, CLPL+09, CSS+02, DD95, DB05, DTB+02, DKN+97, DJS+08, DC00, DSYH09, EAS+09, ERB+99, FA02, FCP99,

GGM+16, GLSK+17, GMC+12, GZZC10, HPS+13, HWM02, HLG+21, Har94, Hat02a, HK01, HIN+02, HVN02, HSC+07, HCG+03, HD02, HLM+01, KBLA97, KLY+15, KMC05, KVB+09, KSU+06, KW00, LGHD20, LG09, LQF+02, LPW+09, LG98, LWM+09, LWL+16, LKH+07, LFC16, MS06a, MPV+11, MORB+15, MBB+02, MD14, MGS+10, MSM+02, Mil94b, MFG+04, MGC+14, MBT97, MB08, NSKG96, NTS+11, PMJW10, PPZ93, Pfa93, PDY20, PDS+17, PDTS08, PGZ+09, QB02, RTB02, RCL+09, RGS+97, RPF+16, SSB+17, SSL98, SW00, SBN+15, SBA+20, SP00, SD96].
**matter** [SAM96, SJSI00, TRH+08, VCSM09, VKGP+11, VAK+09, WBM96, WC09, YCN+10, YCT+22, YBHM05, dMCNC99]. **maturation** [BKCV10].
**mature** [MBNRB08]. **maturity** [AST07, CHPF10, GPF16, KM15, LAÁ+14].
**Maud** [BBB+11a]. **Mauritania** [EFW+14]. **Mauritanian** [PLHMA06].
**Maurolicus** [RBS17a]. **Mawson** [WNRM08]. **maxima** [FLTV97, HPWP07].
**maximum** [BLP+15, DW15a, FHP94, HSS+12, MASVB+19, MSRM08, NRH+06, PSE+93, PKZ93, TPS+15, ACFS02, LXWC21, LAT+18]. **May** [Ano99m, OTH05, Ano00n, Ano21k, Ano22t, Gra09, JPSB93, LSU04, LCR+96, LBB+06, OE06, RS02]. **May/June** [Gra09]. **Mayen** [NA09].
**MC118** [MMS+16]. **McLeay** [VAM97]. **meadow** [AHHCR23]. **Mean** [CGR+00, GPC14, LWL+24, MPI07, QC10, SJL05, SS99b, TSW+09, TLW+94].
**meander** [GSK02, Gol93]. **Meanders** [ARNB01, BPRS11, BKM07, CMBPM04]. **means** [BEM+15, CFR+14, CNOC13, DCD+14, RSS01, VMGO+09, vGCM00].
**Measured** [TSPH09, ADBW16, BT04, CMV+20, CKH+08, DDLK06, JLAD95, KSS00a, LBL08, LPW+09, LTH05, MCS07, PMGH01, Qua97, RG03, SOS01, SMB03, TRM+14, WEB93, YAS+93]. **Measurement** [JOD98, SBB+05, HO99, JEK+15, TBB+08]. **Measurements** [CSW+18, LCW+07, MSW11, BCH+96, BDBB07, BLO04, BDW+96, BFK+14, CTGD08, CBB+95, CMA+09, CCH95, DO96, FK98, GNG+22, GVW+19, GLW+97, HHKH+04, HWS+13, KLTS13, KWN+09, KKD06, KVPK20, LFPC14, LBJ+13, MMS+16, MDTS08, MNB02, MC12, Mit96, MRM+12, NDT+01, PHD+18, PDSS96, PPR+20b, RCL+09, RTC06, RPF01, SHF+95, SWC+02, SSY+05, SHM+01, VSGGPR14, WAW05b, WSL+11, XAY+11].
**measures** [Eks07, PSK+14, RTC+07]. **measuring** [PNS+09, RSWG04].
**mechanics** [Joh19]. **mechanism** [CDRB16, GKH+07, GEP+16, HGM+11, LWO+09, NSMBN08, PTM+16].
**Mechanisms** [DLF+09b, MR01, MALT05, AKM+05, DD15a, DD15b, EBM+18, Gau07, HRSJ23, HDW+20, JRG+22, JRK+17, KK19, MCM06, NC97, SVB+19, SRY04, SGC03, XZW+19, MTGY05]. **mechanistic** [ALH+01]. **Meddies** [SAM05]. **MEDESS** [FSP+16, COS+16, MPM+16].
**MEDESS-4MS** [FSP+16, COS+16, MPM+16]. **MedFlux** [LAC+09, WLP+09]. **mediated** [BA01, ENM+14, ENM+16, FJR+20, SGI+19]. **mediation** [SSLA95].
**Mediterranean** [AFC+17, BFDB17, Bre93, BLI+09, CMB02, Di 10, IABR+17, LPK+17,

LLS+19, MDC+10, MGS+10, OGG+20, PLD+17, PMF+17, PDA+17, PST+05, RSR+19, RG93, SAG+10, TR02, VPK+19, VSR+10, AV97, APMN+17, AGL+19, AHV+00, AKZL16, ASB+02, AAG19, ALR+14, Avr02, AAL+17, BMCF97, BMP+09, BBN97, BCM02, BGCH20, BMRTL93, BMRP02, BFML+08, BWAS02, BLS+97, BGG+09, BG09b, CBG02, CB97, CMB+97, CW97, CMA+09, Cor10, CMTS97, CMC+02, DMS+10, DCC+17, DMC+17, DGR02, DCA09, DFA+20, ETP+16, EFR+19, FPB+14, FARLR+13, FSK+05, FA02, GLCU+17, GPBV+07, GGO+14, GAHD+17, GMC97, GG02, GCN+97, HMLS+06, HZK+05, ID19, IFFGL+04, JASS02, KTP+20a, KTP+20b, KMT20, KK20, KTP+05b, KWH+05, KTB+05, LLD+17, LPA+17, LPdR+14, Las93, LAW+05, LLLP+03, LPW+09, LW15, LLM+17, LTS+97, MCK+19].
**Mediterranean** [MM97, MPPR14, MCPA02, MC02, MSC+19, MSM+02, MBTM97, NSLAP+17, PPR+20a, PWR05, PVK+20, PN93, PDB+16, PKZ+19, PZT+19, PZK+05, PGZ+09, RD16, RVD+10, RBCG10, SNS10, SLDL93, SA02, SAK05, SLM+20, SGA97, SZV+19, STD+20, SVKT20, SABP+16, Spa99, SGM+02, SCM+09, TGRB02, TAC+17, TGLN93, TMP+19, Thi05, TRF+97, TPP+20, TLP+19, TLMT97, Uys06, VPA+20, VGZ+19, VCG+20, ZDP+16, ZHK+05, ZEGB97]. **mediterraneus** [FARLR+13]. **medium** [LMG93]. **medusae** [SB05]. **Medusozoa** [OBPY10, Ste13]. **meeting** [AAB+97]. **Mega** [RKM+23b]. **Mega-** [RKM+23b]. **megabenthic** [Blu01, KME18, LBB+07, LB14, MLH+22]. **Megabenthos** [LRL+22]. **megacrustaceans** [EBGCL08]. **Megafauna** [FPB+14, LPPCF10, ASBR17, BFA+08, Car10, CRBK03, DMS+10, FVW08, GLdS+09, KCM+14, KRHS20, LVP+17, MBI+10, NCSB+98, RSN01, WACGH11, WZB+14]. **Megafaunal** [MBG09, ARB+13, BMSBM+17, DLKP14, Hec94, LT03, NHH+13, OGG+15, QSA+09, SBS+08, TRB98, WAM+18]. **Megaptera** [BJK+22]. **meiobenthic** [TMP+13]. **Meiobenthos** [LSST20, AS01a, BPR+10]. **Meiofauna** [GARVK04, SWL+18, VVV04a, ZBC+13, BMHR08, KSM+11, LGVK+14, NGF09, PGZ+09, RBA+01, SA15b, SNS+07, SP00, VKGQ+09, VKGP+11]. **Meiofaunal** [EBDL08, SLM+20, BGB08, HWTN22, KBG+10, VGSV09]. **Melanogrammus** [BD06]. **Melilla** [LGR+14]. **melt** [Ald95, ECS+17, GBI10, Kyt02a, LFC16, MSV+17, PSA14, SBM16, vdMLB+11]. **melt-pond** [PSA14]. **melted** [CFL+16]. **melting** [AMvD+12, GAL+12, GAL+20, HCL+22, HMHY11, SSG+11]. **Melvill** [CL06]. **member** [QW15, Thi05]. **members** [MD17]. **Memoriam** [Ano19l]. **memory** [Lut15]. **Mendeleev** [ZWK+15]. **Menorca** [CB97]. **Mercury** [BHLS15, CSEP+17, FHT+14, FTT+17, MLS01, CHN+18, CMTS97, LRFK99, MS99, SA18]. **Merging** [KKMSM12]. **meridian** [BFH+11, DJR+01, FHR+11, NTH10, SSJ+22, SB22, VPS97, WS11, ZSB01, KFHR05, RPB02, vHHH+11]. **meridianal** [KF95]. **Meridional** [BJB+06, BMML06, CH11, DD15a, DWW+02, GLBB11, GM11, MD06, MKW11, NI10, PDA+20, RHJ06, RPH+06, RHJL09, Bae11, BPD+11, BH19a, BHLS15, BJ15, FM03c, GRWW01, HWP+11, KHL+17, LBB11,

MZD+11, RHL+22, RHK+11, RKHK+11, SF11, HMHY11]. **Meristoderes** [AM18]. **meroplanktonic** [BMH+94]. **MERRA** [bsBD+20]. **MERRA-2** [bsBD+20]. **Mersa** [Gol93]. **Mertz** [VSGM03a, HB03, HBBD03, SMV+03, VSGM03b]. **mesatlantica** [MCB+15]. **Meso** [TSMS09, BHS+06, BHS+10, MBO07, OGBF08, SNS10]. **Meso-** [TSMS09, BHS+10, OGBF08]. **meso-marine** [BHS+06]. **meso-scale** [MBO07]. **mesocosm** [AGPR95, CCH95, DD95, JLAD95, Jac95b, LL95, MZR+95, PA95, SSLA95]. **mesocosms** [VSFF09]. **Mesopelagic** [BTR20, BBB+01, DLLK15, JDS+08, RSA+10, SS02, AT10, ACR+20, BH08, CHN+10, CTW+20, CSF+12, CBJ+23, DSO+97, DSJ+11, ETDB11, KMKA20, LBV+08, LZL+22, LOFC00, MN10, OB22a, OB22b, OSM+20, PNC+06, PKZ+19, RGH+24, RBS17a, RWT+20, RQRVM10, SMA+17, SCWK08, TBB+08, UGSK+20, VVM+12, WZZ+19, WSB08, WWHT20, ZLW+19, ZWQ+19, ZWJ+19]. **Mesophotic** [SEM16]. **mesoplankton** [OvdRvA+22]. **mesopredator** [EHK+20]. **Mesoscale** [BPC05, BdBJ+14, BNM08, DD15b, FWR+02, GPCT23, Hug14, JHS+17, MFPL19, MMMC07, RMC+93, SKMDR02, SGP+02, SBvdL+02, WSM+22, WC07b, ZTZ09, ARLB00, AHR+06, AS02a, ATLD+20, BK99, BLM+14, BGWF08, BML+06, BMF+01, BLS+08, BLC+08, CB16, CMW+05, CHSVB+19, GOD+01, GSdAMNMM04, GFW07, HRM+06, HKN+09, JZ01, JTK+14, JDL+22, JMSW05, JAM+14, KM05a, LCH+09, LBMvdB14, LBR+08, LDS+08, LDHO+14, LSM+06b, MSK+06, MJW+06, MSJ+06, MRLL01, MR01, MKRY01, MSC+19, MLS+06, MiSW08, MGGTM19, NOT+09, NMH+06, NKD+08, NTK+09, PPA10, PWH05, PNL+19, PBMM14, PAUB19, RPA07, RJWD01, RSC07, SGD+14a, SGA+15, STN+09, SCM+08, SMPSG+04, SGB+02, SD22, SMB03, TYBY06, UY04, VJF23, VHT+20, WDD+22, WW23, WTCB09, WJS+06, ZLZ+15, ZZM+13, vHSM04b]. **mesotrophic** [LR97]. **Mesozooplankton** [ACG+17, BGH99, CAMA+02, CSA+09, CAS+16, CSS+10, DZBR95, GML99, LDS+08, LMG93, MGHN01, NPA+22, RSW+00, SD06a, SZV+19, TSN+06, WGB+04, WAT12, WGG98, Zel01, BSSK+08, CLSS15, DMJ93, DLR11, FWP+07, GLLC04, GS08, HMH+02, HPM02, KSS00a, KH10, LKD+15, LAMS+01, MC05, NMC+07, NRH+20, PWR05, PAR+08, RAL+01, RSR+00, SBB06, SCB+16, SCWK08, SKKM20, SKW07, SKH10b, TRWB99, ZDWR95, ZD97, ZZP04]. **Metabarcoding** [YQMB20, OvdRvA+22, PDY20]. **metabolic** [AMV+09, HWK+14, LGO08, MBP+20, MBK08, SPSM23]. **Metabolism** [DKGT04, KYI10a, DZBR95, GLLC04, GQ09, HAH+01, HDF+01, HMC09, LLK+09, RGH+24, ZDWR95]. **metagenomic** [KHT+20]. **metagenomics** [KG09]. **Metal** [TBB+11, BLO+17, DGK+22, FJG+00, FBCP01, HWS+07, Kos01, KFW01, OPV11, SHF+95, TLF97]. **Metals** [PSP+09, BSSE16, Cha03, CBC02, FKW01, GCN+97, KSDE16, MBTM97, NSMBN08, NEN+07, SVD97, SM01, TTCD14, Zon07]. **metamorphism** [AS02b]. **metapopulations** [BMH+94]. **metatranscriptomic** [LVP13]. **Metazoan** [BMHR08, PK08, SP00, VKGQ+09, BGB08, BPR+10, BOJ+10,

FG97, GBLS00, KBG+10, KMM+08, MBP+20, PGZ+09, SA15b, SNS+07, TMP+13, Wit00]. **metazooplankton** [PF02]. **meteoric** [MSV+17, vWMR+17]. **meteoritic** [Kyt02b, Kyt02c]. **Meteorological** [FD01, RGIH+06, PFX+02]. **meters** [vGCM00]. **Methane** [ACBV+18, BPF+03, LMG17, RKM+22, VKM13, YZZ+16, YZZ+19, AM22a, AM22b, BNP+09, CBNR+09, DGK+22, DME+18, ESL+10, FUGG+09, HFL+15, LMM+17, LLL+15, LSM+06a, LZM+13, MMS+16, MSD+18, NKA+11, NCK+22, PTD+17, PUP+07, PBVC+16, PRSS23, RTC06, SSK+23, SDB+18, SHM+07, TCG+18, ULTL16, WJS+10]. **methane-** [PTD+17]. **methane-bearing** [PBVC+16]. **methane-charged** [SHM+07]. **methane-cycling** [ULTL16]. **Methane-derived** [ACBV+18]. **methane-oxidizing** [CBNR+09]. **methane-soaked** [PUP+07]. **methanogenic** [RDV+09, WOM+16]. **methanotrophic** [RDV+09]. **method** [BMRTL93, BFH+23, CMT93, DRR+14, SOW01, UGSK+20, XA09]. **methodological** [JBB+13, WLD+07]. **methodologies** [GRC+03]. **Methodology** [RSC+09]. **Methods** [Joh19, EBDL08, ELP13, GWP+98b, MS18, ROB+17, SAM96, TPP+20, dLWFB08]. **methyl** [MW06]. **methylamines** [GMLB99]. **methylmercury** [CSEP+17]. **metrics** [CSS+22b]. **Metridia** [KL03]. **metropolitan** [DMC+17]. **Mexican** [GMPSHA+13]. **Mexico** [SW08, AD08, AAW+16, BMHR08, BH08, BCN+16, BLM+10, BGB08, BHMK08, BHSJ16, BPR+10, BSL08b, CBV+16, CB16, Car10, CH24, CHV+15, Col16, CDM+16, CBHF10, DC08, DGK10, DCH04, DQC14, EBGCL08, EBDL08, ECM+06, EWF+18, FR10, GPMZ+10, GPMS+16, GPF16, GGTMG+10, GGRJD+10, HDK08, JD08, JBS+10, Joy16, JBÖ+16, Kel10, LPPC+10, LPPCF10, LLG+16, MSH10, MASVB+19, MMS+16, MHC+10, MB08, NWZL23, ONSSVGR04, OJK+10, PBGCD+13, QNL+16, QED+14, RFJ10, RSH10, RPF+16, RQRVM10, RWN+08, RK08, RMNB08, SCL+04, SR08a, SKD+16, SR08b, VALW23, WSS+08, WJS+10, WJR+16, Wil08, ZL23, ZDA+16, CHSVB+19, RAR04]. **Meyers** [HWWM19]. **Micro** [IF95, KF95, MMM+00, AMN+02a, BBAL+20, CGR+96, FMS08, NRSL17, OvdRvA+22, PCB+17]. **micro-** [OvdRvA+22]. **micro-algal** [FMS08]. **micro-electrode** [PCB+17]. **micro-fauna** [BBAL+20]. **micro-habitats** [NRSL17]. **micro-organisms** [AMN+02a, CGR+96]. **Micro-phytoplankton** [IF95, KF95]. **Micro-scale** [MMM+00]. **Microalgae** [BH97]. **microalgal** [CMNM16, PBG+10, PSAY20]. **microanalysis** [AELP14]. **microarray** [JBR+18]. **microbes** [SAW16, TDvdE+10, ZWZ18]. **Microbial** [AHR+06, BSP00, BL01b, BLC+02, COV+08, CDJM04, DRBM97, EMW+08, GGH+00, HRM+06, Kem94, LK02, LHD+22, NVBJ08, OGG+15, OFD+22, PRC+09, RHL+22, SLA+01, TZS+01, ULTL16, WREC18, ZJA16, ZHB+07, BGCH20, BL00, BHSJ16, BLOM93, CBNR+09, CLC+98, CSGC03b, DHGO23, DSYH09, ETD+11, FSK+05, GDD+09, HS01, HFD+23, HD02, JBS+10, KG09, KRB95, MBP+20, MORB+15, NTA+10, OJK+10, PTO+16, PTD+17, PDT+10, PDT+11b, PST+05, RvAH10, RBS+17b, RPZ+14, SLDL93, SMH+06, SLS+10, SMB+98, TGG+09, TR02,

TLSY11, TLSW15, Thi05, VGBGPA02, WvdEM00, WLH+16, ZLW+19]. **microcephalus** [CFK15]. **Microcope** [Mal15]. **microcosm** [BCN+16, HZK+05, KTP+05b, ZHK+05]. **microcosms** [SMH+06, TPW+16]. **microdistribution** [BLW+09]. **microfossils** [HdVGHM02]. **Micronekton** [ATLD+20, FKS18, KMK+20, BdBJ+14, CBJ+23, CLB13, DKP+17, KFG+03, KRS+11, LRR+04, MBB+14, MAR+15, PDT11a, PBMM14, WC24, YXC+19, vC97]. **Micronektonic** [CRA+20, DKGT04]. **micronodules** [Cha03]. **micronutrient** [JMN+15, RJM+15]. **microorganisms** [DRR17, EPPR09, SB98]. **micropaleontological** [MFN+02, SA15a]. **Microphyte** [RGHN+97]. **Microplankton** [KNI+05, BDNS03, DCM+99, DMC+01, GGH98, GHIM04, GQ09, HNK+12, KWW+12, WABW02]. **microplastics** [BTR20]. **Microprotozooplankton** [Kla97]. **microscale** [DPY14]. **microscopic** [ABKL96, BS98, GdRGH+14]. **microscopy** [LZS+18, RVZ02]. **Microstructure** [CSL+22, WZC+19]. **microtidal** [ALR+14]. **microwave** [HZZ10, MRD13, SL11]. **Microzooplankton** [BEJS93, BES95, CDL+00, DSN+20, LCK95, PKW07, RPAD99, SSH09, SSR13, SWSL14, SWG14, SFB19, VSSN96, YHK15, YJL16, AYMSAS19, BTUV08, KLD21, LBC+98, LGF03, OS02, RRMM05, SRHP23, SF08, SFZ+13, TSMS09]. **Mid** [BWH+17, SLB13b, AGL+19, ARK+94, BMH08, BFA+08, BSJ13, BR14, CL15, FS07, JB01, JMM+13, LDBS+17, MLVM02, MMM+13, PSK+00b, PTS17, RCCP13, SL15b, SPH+08, WYOS18, WWN+02, YÇYTKB06, dBC+09, ABD+13, ARB+13, ARC02, BJA13, BBR+18, CVA+13, CZVR02, CSGV13, CSCP13, CLJ+13, CLB13, DTB+02, DONF08, Dud06, DHST13, EQW+13, FVW08, FWS94, FHP94, FCBD08, GGF+08, GGDF08, HIK+08, HTD13, HSY08, JAP+13, KJB+08, KPBK08, LAJP13, MCB+15, MSW+13, MGK+17, MBMGK08, MR15, NHS+13, OBC+14, OGBF08, PPFS17, PBB+13, RSW+13, RLB18b, SLdB+15, SPF+94, SBP13, SGB+08, SBK08, SHY+08, ULH+21, VCR02, dLWFB08, YSC+20, YSHS08]. **mid-1990s** [AGL+19]. **Mid-Atlantic** [BWH+17, BSJ13, BR14, RCCP13, ABD+13, ARB+13, ARC02, BJA13, BBR+18, CVA+13, CZVR02, CSGV13, CSCP13, CLJ+13, CLB13, DTB+02, DONF08, Dud06, DHST13, EQW+13, FVW08, FWS94, FHP94, FCBD08, GGF+08, GGDF08, HIK+08, HTD13, HSY08, JAP+13, KJB+08, KPBK08, LAJP13, MCB+15, MSW+13, MGK+17, MBMGK08, MR15, NHS+13, OBC+14, OGBF08, PPFS17, PBB+13, RSW+13, RLB18b, SLdB+15, SPF+94, SBP13, SGB+08, SBK08, SHY+08, VCR02, dLWFB08, YSC+20, YSHS08]. **mid-century** [WYOS18]. **Mid-Indian** [ULH+21]. **mid-latitude** [MLVM02, PSK+00b, PTS17]. **Mid-North** [SLB13b]. **mid-ocean** [BMH08, BFA+08, CL15, MMM+13, SL15b, SPH+08]. **mid-Pleistocene** [FS07]. **mid-slope** [ARK+94, JMM+13]. **mid-summer** [dBC+09]. **mid-water** [JB01, LDBS+17, YÇYTKB06]. **Middle** [BBB94, Bis94, DOBH02, Cha03, Mas02, MHdS+11, MCL+12, RFJ10, RSH10, SSHB03, AFB+94, ARK+94, BA94, CHL+15, FPW02, HFP94,

KFF+94, LSUB94, PMM+94, RTFB09, TWL+15, Wal94a, Wir94]. **middle-lower** [RSH10]. **Midwater** [SLB13b, DTWW17, DTWW21]. **migrant** [AML01, ZD97]. **migrants** [HHH01]. **migrating** [KSU+08, KUN10, KIN+10]. **Migration** [BE18, TKF07, AFM93, AKK+17, ASFI02, BSH+11, CP05, FPLB+08, GHD+18, HA10, KT06, KL03, KMKA20, LS10, LOFC00, MF93a, MKS+20, WZZ+19, YXC+19, ZWQ+19, ZD04]. **migrations** [CFK15]. **Migratory** [BMK05, RSL05, SBG+06, YSBH06]. **Mike** [MLB+10]. **Military** [ESW+16, Mah16, BSSE16, KSDE16]. **Millennial** [IKR+12, GHM+12]. **Millennial-scale** [IKR+12]. **millennium** [CLMK13, GBC+05]. **Millimeter** [DPY14]. **million** [GNT+17, IOTS16, RRL+14]. **mimicking** [HCBL+17]. **Minas** [Ano97c]. **Mindanao** [FKH05]. **Mineral** [MBB+02, GF07, dJMTGG11]. **mineralising** [HPN+12]. **mineralization** [OCL+08, PCB+17, SHM+07, SLZ+16]. **Mineralogical** [ACBV+18, LSL+15, PBVC+16, AST07]. **Mineralogy** [ÇYB+18, Rai11]. **minerals** [ALH+01]. **Mingulay** [DSE+14]. **mini** [SDGH14]. **mini-mounds** [SDGH14]. **minima** [Rog00]. **minimal** [BCH+19, SZH20]. **minimise** [PWL07]. **Minimum** [HLL+09, BRM18, BRJM18, BLW+09, CLH+00, CL09, DGN+17, EHK09, FSGV+09, GMT+09, GPC+04, GQ09, GBLS00, GW98, KAHS20, LGML00, LWM+09, LL00, LAMLB18, MASVB+19, MMWM00, MF09, MCS+99, MFM+18, MMM+00, MPB+18, NS93, PRC+09, PHS17a, QSA+09, SWC09, Sei13, SW00, SLH+00, SFMG13, TLF97, TTDR13, TS13, UP09, VCSM09, VKGQ+09]. **mining** [AS01a, BGOL01, LLC17, OBRJ01, RSS01, SNPS01, TTU01]. **minini** [GC15]. **Minke** [LAP+17, LSHB09]. **minor** [CMVS+10, LBL08]. **minutum** [AJG+10, BFG+10, ESAG10, TFR+10]. **Miocene** [CHL+15, FSCC07, LB93, OSHB07, TWL+15]. **Mir** [Sag18]. **Mirabilicoxa** [Gol18]. **Mirocaris** [MCB+15]. **Mirounga** [GBC+13, MdSLH13]. **mismatch** [YERT13]. **missing** [GSB+23]. **mission** [STM04a, STM04b]. **missions** [PPF+15]. **Mississippi** [GPMS+16, SCL+04, SW08, SR08b, ULTL16]. **mississippiana** [SR08b]. **mitigation** [AKZL16]. **mitochondrial** [BLBW+11, FB14, MHC+10]. **Mixed** [HS96, AML+19, Ano05e, BU05, CMT93, DP02, FGH+13a, FC09, GCRW95, GGRW99, HTW14, KN05, LML+01, LZZ+16, LCR+96, MS12, MKS+02, NYNK05, NDG96, OSM+20, PWMC01, PF06, RFHL99, SFD04, TMH+08, TNIW02, VMI+08, WNRM08]. **mixed-layer** [BU05, FC09, GCRW95, GGRW99, PF06]. **Mixing** [HHP04, YXZ+22, ASMH08, ASBM02, BLM13, BHC+01, BASLK04, BMG+17, BVGE+06, CSL+22, CDJ+22, CSW+17, CMV+20, CSP05, CMB02, DPLB94, DKI+00, DL01, GDL22, HCJ+22, HLL+10, HHH+14, HKSV11, HCG+01, Ive04, JR15, KWF+19, KS10, Lar04, LML+01, LH06, LYL22, MLP+10, MD06, MML06, MS06b, MDH16, MT96, MPHF02, NSY04, PFDG08, QW15, RI05, SEN+95, SKGD14, SBK+16, SSC+23, SWLW11, SD22, SESS08, SRS11, TCM+22, TS93, Thu06, Wal94a, WDFK+22, WPD22, WZZ+23, WJD+00a, WJD+00b, YO96, You99, ZLZ+15, Ano06e]. **mixotrophic** [DBR22]. **mixotrophy** [SLS11]. **MJO** [HF21]. **Mjølnir**

[TGFE02]. **Mn** [Cha03, GOH+15, HMW+15, NVBJ08]. **mobile** [DLW+17, LLD+17, LPD+17]. **Mobility** [SM01, KFW01]. **MOCNESS** [BDW+96, BL06, GWP+98b]. **Modal** [Wei15]. **Mode** [AKBD13, AMP+03, KD13, MBT97, DKJ13, EGMB13, EMW+08, FKH13, GS08, Gre08, JAP+13, LMA08, MDM+13, TS10, VIY02, MMH+08]. **mode-water** [EMW+08, GS08, Gre08, LMA08]. **Model** [CDJ+22, MSGO18, Osc01, SBHS20, AT10, ALH+01, Arm03, Bai09, Bas19, BA10, BWD20, Blu93, BFH+23, BCH+19, BJP+22, CFR+14, CA06a, CDP+02, CBF01, CWL+23, CKY23a, CKY23b, CM03, CMC+05, DLR+01, DGP20, DRD06, DGR02, DBG+16, DP99, DKS03, DK04, DKS11, DGN96, DGR19, DKJ13, DBC+02, DKZP16, Eif05, EB01, EOB03, FSL+01, FO05, FC01, Fri01, FHW06, FNYK02, GPF16, GSC+19, Gre01, GGSC03, GMPS04, HXF+23, Har96, Hei02, HSHM02, HHD+09, HLC+16, HKC+21, HMLS+06, HKAM12, HCG+09, HPH+16, HFK+02, HKMS03, HA96, IHPA16, JB01, JW05a, JW05b, JCF+06b, JDL+22, JCD+03, JDL+12, JAM+14, KTP+20a, KTP+20b, KG20, KMB11, KKUK10, KHL+01, KIY+05, Lar04, LHS96, LHX+22, LW04, LCL+10, LSWM22, LTL+23, LFHM97, LDX+23, MMXS02, MBd05, MD06, MCSF15, MMTT+20, MALT05, MTWC+15]. **model** [MNPT06, MDK+01, MBC+09b, NP03, OFV09, OC00, OBWK01, OGC09, PCDM11, PTS01, PDB+16, PHS03, PVT+21, Pri06, RPB99, RAC+20, RLH+03, RSSM19, RDSA+21, RSC+09, SOW01, Sco05, SF11, SRA+09, SHM13, SHA04, ŠH11b, SK02, Spa99, SMA01, SCS+98, SMSA05, SCH+19b, SCH+19a, SGB+02, SCSMT20, SESS08, Sva96, Thi05, TC06, TBBM03, TLW+94, TLMT97, UKM16, VALW23, VSGGPR14, VIY02, WDM+05, WCJ+11, WLY+22, WW04a, WMC06, WBA03, WTSP07, YLU+14, YSWJ16, YHL+12, ZLOR02, MPL15]. **model-based** [HLC+16]. **Model-derived** [Osc01]. **Modeled** [CHH19, DHS+09, HGB+13, LZZ+16]. **Modeling** [Ano06d, BV98, DKSF01, DKdS+03, FAS+03b, FME+09, FC07, GBS+22, GC07, HBSL01, HS05a, HBCO01, JRKR19, KFF+94, KVS+09, KC00, LBB+06, MTWH04, NSBL94, PHH+16, PFC09, SFW08, TYBY06, TH99, WCD+09, WGMC14, Arm06, BKD06, CFZ+18, CHPF10, DD06, DJCF09, DWW+02, FJF+11, GWL+15, HTK+10, HH03, HLA+06, IHSS+10, JBS+13, KOM17, KWF+19, KD01, LWGS00, MHB+23, MPF+17, MMT08, PPM+17, PS23, PMF+17, POA+16, RD16, SH99a, SH99b, Sch02a, SWO+01, SVKT20, SSB+07, TVL+00, TMGLM19, VALW23, VS99, WL02]. **Modelled** [MBP09, vWMR+17]. **modeller** [YFY+10]. **Modelling** [ADBW16, BH19a, BABB08, DVPR06, DFC05, Eck94, EWG94, EPHE18, FBPG18, GASGB+14, Jen03, KTP+20a, KTP+20b, LSNH15, LSHB09, PFPJ+09, RMBG11, SDCH99, Uml05, WB01, WBA03, AKZL16, Ano05e, AGN+02, BDL+14, BU05, CVM+01a, CVM+01b, DBG+16, HKR+01, JMW+20, KYS94, LVP+17, MPI07, OM02, SLHS20, SAK05, SHM+01, SZB+19, YMMC11]. **Models** [EWF+18, AGHS04, AMK+05, BMG+04, BWAS02, COS+16, CMAO+12, CWEHT22, CNOC13, CM01, DSBS20, DP02, DCL+21, GGAMV+23, GSGS01, GGC19, HBP+14, HIA+16, JBB+13, KxF22, KYW20,

KMD+11, LFPC14, LGF03, LWS21, MRSLM+19, OAH+16, PSZ+19, PF06, Pra04, QQJ+21, SM12, SNMH18, SVS+20, TT17, VTA+11, VGD14, WOS12, WYOS18, WBJ+98, WWS02, YSC+20, ZW23]. **MODerate** [LCW+07]. **Modern** [ASBM02, KFTE14, SBH+02, BMD+17, CBB+95, FAS+03a, HAF+15, LH07, PPM02, YFY+10]. **modes** [HLC+16, HKC+21, Hol06, MV19]. **Modification** [VMB17, SGA+15]. **modifications** [WL02]. **Modifying** [DLWW23]. **MODIS** [CWP+15, PG18, bsBD+20]. **MODIS-Aqua** [CWP+15]. **modulated** [WDD+22]. **modulates** [ADBU18]. **modulating** [QC10]. **modulation** [FD01, SMPSD04]. **Moire** [Ano06a]. **Molecular** [BBT+18, LCL+22, RMBW07, SW00, WDG+02, ACBV+18, ANL13, AKK+05, BLS+97, BK96b, BGMH01, DLB+11, GO10, GLSK+17, GHG+04, HRS+23, LVP15, VPdP06, Vri09, WBCB06, Zül05]. **molecules** [RBS17a]. **mollusc** [Mar13, TMBTS09, VB98]. **Mollusca** [LS18, SI09, LGBC06, SGB14, SBE+07, vCO09]. **molluscs** [BCVCHW04, JSSW14, Kam18, KWPB15]. **mollusks** [CC13]. **moment** [WZZ+23]. **Momentum** [Pap05a]. **Monitor** [DIM+12, PNVJ13]. **monitored** [CFK15, LZS+18, MML07]. **Monitoring** [Ano14, CFR+14, FCP99, RHK+11, BMOW09, DTJ+14, GUSB03, GAHD+17, KG20, KI18, LBD+22, NLDJ14, PSK+14, PDB+16, PSP+09, SS09, SSP+09, SD98, SBG+03, TZ09, TSSR20, WPW+14]. **monothalamous** [GHG+04]. **monotypic** [dMGPT+14]. **monoxide** [SUL+06, SUK+06, ZX12]. **Monsoon** [CD99, HDPI99, WJD+00a, BSMV03, BEGC04, BC03, BCBF03, BLC+02, BGH+19, CRP+05, CWB02, DG18, EBS99, GKB+18, GMMS05, HML99, HZN+16, KDG+97, LBC+98, LG09, LWSZ13, LLH+15, MGR+03a, MPS+21, PPZ93, PJ99, RSR05, RAC+20, RIHGS00, SZH+04, SGJ+20, SP00, SBE+99, SBS+02, TBEW99, Wei99, WRS99, vC97, BLB+99, CDA98, DCM+99, GGH98, KRG+01, LB98a, MMHB98, MGN99, ML20, RSF+99, Sam01, WJD+00b, WMM02, WLC99]. **Monsoon-controlled** [HDPI99]. **monsoon-driven** [LG09, LWSZ13]. **Monsoonal** [BDF00, BMC99, SNH+23, BN97, BBV00, CB00b, LJBF00, SRP+98]. **monsoons** [DHGO23, GGRW98, PWJF20, PFW+20, WFR+02, DC00, DOB+01, LCL+98, SOS01]. **Montagnais** [PPM02]. **Monterey** [CCP+18, CPC+03, HLR+09, HAC+14, IDSM04, KC00, KD00, OC00, PCT18, PC00, PC18, PLPS98, RDL+09, RLP+98, RRS+98, RSR10, SRC98, SLP+09, SP09, SRA+09, WCD+09, WDKC00]. **monthly** [CMR+18]. **months** [DI00, FWS94]. **Moored** [RdR03, WFR+02, WAW05b, CDH+00, DSK+13, HVBO08, KMD+99, KMDW01, LWL+24, MDH+98, NMW+09, RCW+15, SWLL23, YXC+19]. **mooring** [KWA+20, LPM+19, MNR+11, PWJF20, DZY+01]. **Mora** [VFFM13]. **mordax** [CDG00, DBC+19, NSBL94]. **Morgan** [Cha07]. **morhua** [BD06, Dri09, IAA96, JGM09, KVS+09, RG06a, RG06b, SRFR07]. **moro** [VFFM13]. **Morocco** [FMH+02]. **Morpho** [CDM+16, THM+13]. **Morpho-acoustic** [CDM+16]. **morpho-tectonic** [THM+13].

**morphogroups** [SSSN19]. **Morphological** [CL06, LG00, LGR+14, VWTK18, GO10, GHG+04, HRS+23, KHT+20, PPF+15]. **morphologically** [BDR16]. **Morphologies** [CSG+15]. **Morphology** [DDB+17, FLM10, FSM93, Mar13, BH03, LSA14, Mah16, RBS17a]. **morphometric** [CRT+00]. **mortality** [CD99, CLC+03, GKBG17, ZZP04]. **mosaic** [MCH+13, SPS+09, TRB+19]. **mosaics** [GGP+14]. **Mössbauer** [LKTS01]. **most** [EFR+19]. **motile** [LL14]. **motion** [GP08, HFP94, HBO11]. **Motivating** [HB19, HBV19, HBVG20]. **moultoni** [BGMH01]. **Mound** [LDBvdB17, EFW+14, RRL+14, TWL+15, vdLEM+14]. **mound-shaped** [TWL+15]. **mounds** [Di 10, ESL+10, KBFH14, LGR+14, SDGH14]. **Mountain** [Ano97b]. **Mouth** [MWS+15, DDB+17, YLH+10]. **Mouthing** [LWB+07]. **move** [RHPR15]. **Movement** [SSK+05, SSK+07, CLC+20, FM03a, FEB+13, LWB+07, MA05, SGFP13, WLD+07]. **Movements** [CFK15, BCE+07, BJK+22, COQ+18, DFMW13, LPL+20, RAT+13, RSL05, WWB04]. **Moving** [MPH+16]. **Mozambique** [BLM+14, BdBJ+14, DCN+02, HBP+14, HRT14, Hug14, JTK+14, JAM+14, LBMvdB14, LDHO+14, LMF+21, MSRM14, MBT+14, MBB+14, PBMM14, QS04, RdR03, RTM14, SdRvLR03, TBB+14, TRM+14]. **MPA** [BCG+22]. **mtCOI** [OBPY10]. **mtDNA** [BK96b, EGOO22, EBG+22]. **mucronata** [Ant10]. **mud** [CSG+15, GPBV+07, JBD+09, NGF09, PPR+20a]. **mudwave** [AFM93, Led93, MF93a, Wea93, Ell93]. **mudwaves** [Blu93, FSM93, FSM93, MF93b]. **Multi** [AML+19, BG09b, DGS+05, HC15, IHPA16, KLK+15, ZHX+16, CLQ+18, CWD+10, CLB13, DBG+16, DW15b, DKC+17, DLB+11, DBBWH20, HGM+11, HIA+16, JVDH08, LWL+24, LWSA08, LSHB09, MDI+12, MPL15, MPH+16, NHS+13, OCT+19, PS05, RP18, SYS05, SSB+06, WHNS04, ZKSS06]. **multi-beam** [CWD+10, DBBWH20]. **multi-centennial** [MPL15]. **Multi-decadal** [DGS+05, HC15, HGM+11, LWL+24]. **multi-decade** [RP18]. **multi-dimensional** [DW15b]. **Multi-disciplinary** [BG09b]. **multi-frequency** [CLB13, LWSA08]. **multi-level** [DLB+11]. **Multi-model** [IHPA16, DBG+16]. **multi-nutrient** [SYS05]. **Multi-platform** [AML+19]. **multi-product** [MDI+12]. **multi-proxy** [PS05]. **Multi-satellite** [KLK+15, DKC+17]. **multi-scale** [NHS+13, SSB+06]. **multi-sensor** [ZKSS06]. **multi-ship** [WHNS04]. **multi-species** [CLQ+18, HIA+16, LSHB09, MPH+16, OCT+19]. **Multi-stressors** [ZHX+16]. **multi-year** [JVDH08]. **multibeam** [DDB+17, NDE14, PGM+15]. **Multidecadal** [HGB+13, MKW11]. **Multidisciplinary** [Ano06c, ROBV+18, ROB+17, RGL06b]. **multinational** [WHNS04]. **multiparameter** [FGH+13b]. **multiparametric** [SGP+11]. **Multiple** [DCC+13, MPC99, RHW04, RDC+18a, RDC+18b, BF14, GLF+03, HV03, KKMSM12, LDHO+14, MD17, WYT19]. **multiscale** [WLT20]. **Multiscaling** [SS05a, SS05b]. **multispecies** [UKM16]. **multivariate** [Dan95, HGB+13, HLC+16, PK03, YBHM05]. **Munida** [CNM17]. **Munidopsis** [CNM17, CRT+00]. **Munitions** [BKS+16, ESW+16, Mah16,

SC16, BSE+16, BSSE16, EB16, EFR+16, GK16, KSDE16, KGB16, TD16]. **Munnogonium** [GM22]. **munnopsid** [MB07a]. **Munnopsidae** [EGMB13, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, MB18, MG22]. **munnopsoid** [RMBW07]. **Munnopsurus** [EWP+99]. **murre** [WTI+20]. **murres** [KIM08, RDBP14, RRK+20, TMH+08]. **musculus** [BRG17]. **Mussel** [BCB+18, BPR+10, FR10]. **mussel-** [FR10]. **mussels** [XSL+17]. **mustard** [KCTG16]. **mustard-filled** [KCTG16]. **Mycobiota** [BEZ+22]. **myctophid** [BOB20, BTR20, KBSS93, KMD+11, VVM+12]. **Myctophum** [WZC+19]. **mykiss** [WWB04]. **Myodocopa** [CB18]. **Myoxocephalus** [GNB+17]. **Myrs** [ITK+16]. **mysticetus** [OCP18]. **Mytilus** [BCB+18, BMB+18].

**N** [Ano97b, CJM+22, HLFP08, MWB+09, SW08, WTWC07, AM15, KBR18, MM15, SS13a, UC13, VK04, WST15, AMN+02a, ADV+01, ARB+13, AAB+97, Bae11, BSSK+08, BZvHH00, BDNS03, BOP95, CKH+05, CWB02, CMT93, CCK+16, CHG15, CSCP13, CLJ+13, CSS+02, CM99b, DMJ93, DVPR06, DBMI17, DJR+01, FSL+01, FUGG+09, FDC+18, GS06b, HFK+02, HM93, HWS+13, INTS02, JWS01, JHHK14, KEPZ93, KW00, KTP+05b, KHH+17, LKC96, LAJP13, LDFS93, LBB11, MBW+03, MH93, MHA+01, MHFM15, MJG+13, MSJS08, MGK+17, MNPT06, MTMK+13, MSNL09, MGC+14, MQACB08, MMG98, OLG+01, PVK+20, PHD+18, Pfa93, PDB+20, RLP+98, ROPB03, RBJW16, RWL+93, STN+09, SFV+98, SLB13a, SHR02, SBN+15, SBS+02, SZB+19, TWN+06, TCJ+11, TNIW02, WMH+07, WWW+02, Yu03, ZBvH+00, ZHK+05, ZSB01]. **N*** [PDA+20]. **N-anomaly** [WTWC07]. **N.** [HTD00, HT01, QW15]. **N.E.** [LK98]. **n.sp** [BBAL+20, BG10]. **N.W.** [AMH+01]. **N** [**?**]Morales:2014:EPO,Rau:2003:LND. **N/Si** [CSS+02]. **NABE** [GG95]. **Nacella** [GWDP11]. **NAFs** [PSP+09]. **Naked** [VB98]. **Namibia** [Grü99, HZS00]. **Namibian** [CCG04]. **nannofossil** [ID19]. **nannoniscid** [BBT+18]. **Nannoniscidae** [KBK+18]. **nannoplankton** [HPN+12, TTA+16]. **Nano** [GGH98, CAGL13, DCM+99, DMC+01, THZ06]. **Nano-** [GGH98, DCM+99, DMC+01, THZ06]. **nano-plankton** [CAGL13]. **nanoflagellate** [LHZJ13]. **Nanoflagellates** [TB98, LHZ+16, LLS+19, SIFS10, TR02]. **Nanomia** [RRS+98]. **nanomolar** [WR01]. **nanoparticulate** [Rai11]. **nanophytoplankton** [STF09, SF10]. **Nanoplankton** [SLS11, VBC+95, DB97a, DO96, LLT+00, RNR20]. **Nanoprotozooplankton** [Bec97]. **nanozooplankton** [GVD+97]. **Nansen** [Ano96f, CHL+95, RAB+17]. **Nantucket** [AGD96]. **narrow** [BCT21, WYL+20]. **narrow-band** [BCT21]. **narrow-barred** [WYL+20]. **NASA** [PPF+15]. **nascent** [SFV+98]. **natal** [SCH+19b]. **National** [CGG+12, DAN23, HD17]. **national/quasi** [DAN23]. **national/quasi-national** [DAN23]. **Nations** [PH19]. **Native** [RHD+18]. **Natural** [CHL+95, HPK+97, PSLS07, RVC+13b, WBM96, AAG06, AFC+17, AGW+13, BBM+08, BDM+03, BSL08a, BQT08, CGSZ13, CDM+16,

EWBW99, FGH+13a, GPMS+16, Hei02, LB98b, LXS+13, MMT08, MHK+03, MSH+07, MHP+07, MC13, NOFP14, OCL+08, OJK+10, PKA05, RFB97, SVC+08, STJ+08, SI09, TVLB08, WPB+16, WCSA+16, Ano96f]. **Naturally** [HRM+18, ACBMQ08, COV+08, JBM+08, LSS+07, MQACB08, SLS+07, TDC08]. **Nature** [GPBV+07, SJSI00, GMC+12, PJLO+17, PPL+19, TPT05]. **nature-based** [PJLO+17]. **nauplii** [IAA96]. **Navier** [CJ19]. **navigation** [KR11]. **Navy** [WJR+16]. **Nazaré** [GdSP11, GSdS+14, MPV+11, MHdS+11, OPV11, vOSG+11]. **NC** [SSV02]. **NCAR** [CCL+14, VNBW18]. **NCAR-CCSM4** [VNBW18]. **NCOM** [WJR+16]. **Nd** [ATN+12, SHWW22, WCL+15b]. **NE-Atlantic** [CBW01]. **Neanthes** [SSAL+17]. **Near** [ABS+14, BTRL99, CMH+20, DIM+12, DL01, EBG+11, HvH04, LNJ+00, LB96, MPMD+06, MPV+11, SRB+11, ZL23, ASBM02, BEC+96, BLO04, BvWR+20, BSS+00, BW99b, BRSB16, CW22, CB09a, CKY23a, CKY23b, CRR01, CDM+16, CP02, DURP03, DKP+14, DT03, Eif05, EWP+99, FG07, GBL+08, GSB+23, GW98, HMS+13, HHH01, IGP+06, JW05a, JW05b, KM98, KHL+15, KTP+05b, LGHD20, LWSZ13, LCE+23, LDX+23, MDTS08, MS06b, MYL+98, MK19, NLHB01, NSMBN08, OM14, PH17, PPB+22, PTA+99, RPB02, RMB05, SA15a, SHA02, SMS20, SBS+02, TRM+07, TVLB08, TD16, VPS97, YAS+93, YLG+18, YSHS08, Zim09]. **Near-bed** [HvH04, Zim09]. **Near-bottom** [ABS+14, CMH+20, EBG+11, LNJ+00, MPV+11, BRSB16, EWP+99, KM98, MDTS08, SHA02, SMS20]. **Near-field** [SRB+11]. **Near-inertial** [ZL23, CW22, KHL+15, LDX+23]. **near-shore** [CB09a, KTP+05b]. **Near-surface** [BTRL99, DL01, LB96, MPMD+06, BSS+00, Eif05, HHH01, JW05a, JW05b, NLHB01, PTA+99, RMB05, YAS+93]. **near-synoptic** [DT03]. **nearby** [LRL+22]. **Nearshore** [VLK06, BWOR22, CTCD05, GKGW22, OSHB07]. **Nearsurface** [HV98]. **Neastacilla** [GMB18]. **Nebalia** [HRS+23]. **nebulosus** [BBB+01]. **need** [MDS+16, SZB+19]. **needed** [Pri06]. **nekton** [CM00, FVW08, LTW+22, SS02, ZWJ+19]. **Nematoda** [IBK+11, MM15, MFS+23]. **Nematode** [CLH+00, DCC+13, FM13, GK16, HZYZ10, LRN+14, LdSN+18, PGZ+09, SRDV07, SSI19, TMP+13, VVV04b, VT01]. **nematodes** [FMZ15, KGB16, MKKF18, VVV04a]. **nemertean** [CAK15]. **Nemerteans** [CP18a, CP18b, CP22, Che13]. **NEMURO** [KKUK10]. **Neocalanus** [Kli09]. **neoteny** [BB04]. **nepheloid** [BSP00, CBCT09, MRRG23, NC97, PHK+14]. **NEPTUNE** [JMM+13, RBXM15]. **Nereididae** [SSAL+17]. **neritic** [GZZC10, LZC+16]. **nested** [HHD+09]. **nesting** [EQW+13, RDBP14]. **Net** [BDO00, DBN+11, IIM02, LR97, MBHB09, MCL+12, Ano97c, BBH05, BSS+00, BGKB06, BL06, CCW+08, CMB12, CJM+22, ECS+17, GWP+98b, HSY08, KGE+04, LDHO+14, LMM+97, MLK+12, MLS+15, RJB+04, RlBW99, SFW08, SRF+09a, SSP+06, SHC+00, TSW+09, TGFP02, MPH+22]. **net-collected** [HSY08]. **net-sampling** [GWP+98b]. **Netherlands** [VHS97]. **NetTrap** [PFW+09]. **Network** [FH09, Pas18, RDL+09, DBL+19, JMM+13,

MXC15, RDC+18a, RDC+18b, TBSP+18, HLR+09]. **Network-II** [HLR+09]. **networks** [CB09b, OM16, VS10]. **neural** [OM16]. **neuston** [GPCT23]. **Neutral** [EW99, HHP+96, KC03, KMD+01]. **neutrally** [Gou05]. **Newfoundland** [DPK+14, DKP+14, PDK+14, DTJ+14, HS07, SRFR07]. **Newly** [DLG+14, GZGH22, LJL+12, MCH+13, SDGH14]. **newly-formed** [GZGH22]. **newmani** [BGMH01]. **next** [SPW+22]. **Nezumia** [FARLR+13]. **Ni** [NOT+09, NEN+07]. **niche** [BSR+18, CDRB16, FJF+11, LZM+13, NCSO13, PKHH17, WWHT20]. **niches** [HSZS17]. **nickel** [AV97]. **Nile** [GPBV+07]. **Niña** [DABMAMA04, KT02, SVAGRCS04]. **nine** [PKHH17]. **Nineteen** [TTA+16]. **Nineteen-year** [TTA+16]. **Ninetyeast** [WJ02]. **Ningaloo** [DCL+21]. **Ninh** [NCT13]. **Niño** [HC15, MMH+08, BSL+96, DABMAMA04, DVCG+12, DCL+21, DQC95, EDF+04, FWG+97, HMW00, HCHD09, KF95, KM95, KC00, KC04, MPG+97, MGNB96, ÑB04, ONSSVGR04, SVAGRCS04, WPJW96, WZW+95, WC02]. **Niño/Southern** [MMH+08]. **niphonius** [LTL+23]. **Niskin** [ETP+16, LCL+09]. **Nitrate** [CC03, KLTS13, RR96, SMB+93, WCB98, ARF+13, BFT+97, CTGD08, CLB96, CHH19, DVS+97, DBN+11, DSvR+18, ESK+23, GRSW00, HLNO96, JML08, JCD+03, KIIW03, KEPZ93, KNB11, LGF03, MQ01, MBC+20, MFM+18, OENB01, PC00, RLP+98, RT14, RWJ06, RTI+16, SVS93, SRF09b, SKMS08, TYBY06]. **Nitrate-based** [CC03]. **nitrate-reducing** [MFM+18]. **nitrate/phosphate** [DVS+97]. **Nitric** [LAMLB18]. **Nitrification** [BFT+97, SGD14b]. **Nitrite** [DK96, LZB96]. **Nitrogen** [AF01, CB01, FML+93, HMGD17, LGP+15, LSS+07, MBNB+08, MGN99, RI05, Sam01, WAPL95, WO99, AML01, Arm06, BRG+19, BLM+10, BH19a, BFM+14, BCP+15, CTGD08, CDP+02, ÇYAYT06, CML+09, DZBR95, DRH+09, DJR+01, FGU04, HC01, HWTP07, HWP+07, HBCO01, HSM+01b, JJVH18, KLL03, KBD+01, KCZ+19, Kli09, KNC+09, Lip01, MFG+93, MFG+04, MTMK+13, MGC+14, NMH+06, NMS09, OBM+93, PWD+11, PHD+18, PKA05, RLP+98, ROPB03, RJWD01, RWR+02, RTI+16, RCF+16, SM00, SFW08, Sot09, SZB+19, TLKT00, TDC08, TWPP07, VS99, WPG+07, WB01, WWH97, WCY05, WWC+99, WYW+02, WCWW99, YOI+09]. **nitrogen-oxygen** [BH19a]. **nitrogen-to-phosphorus** [KBD+01]. **nitrogenous** [CBC02, VH99]. **Nitrous** [BKP+19, CFV+18, DH97, FUGG+09, LL01, WYPY06, JBR+18]. **nitzschia** [DRVVS+14, FHR+14, SZM10]. **No** [KSB+03, MSB+03, ZSLL15, LAMLB18, MBL+15, PHD+18]. **NOAA-11** [FCP99]. **Noah** [KND+08]. **Nobuo** [YFY+10]. **nodosum** [RSdV+09]. **nodule** [BGOL01, GBO01, OBRJ01, TTU01]. **nodules** [AS01a, MvSHD01, SSI19]. **noise** [EF98, SLD+13, UW99]. **non** [CWSH20, CDJM04, GBJ+15, LMLC+17, MPG+97, MAA+04, MAA+05, MMSS14, OCG+09, PFAZL09, SLS+09, SAVP12, SM96a, VPdP06]. **non-algal** [SM96a]. **non-Antarctic** [VPdP06]. **non-aqueous** [SLS+09].

**non-aqueous-based** [PFAZL09]. **non-El** [MPG+97]. **non-ice** [SAVP12]. **non-stationary** [CWSH20]. **non-symbiont-bearing** [OCG+09]. **non-terrestrially** [MMSS14]. **non-tuna** [LMLC+17]. **non-uniform** [GBJ+15]. **non-upwelling** [CDJM04, MAA+04, MAA+05]. **nonbreeding** [SBA18]. **Nonhydrostatic** [WZZ+23]. **nonlinear** [Bas19]. **nonlocal** [TSWJ12]. **nontoxic** [BKS+10]. **Nontronite** [LCK+18]. **Nontronite-bearing** [LCK+18]. **Nordic** [BAS00, OUJ+19, OBKA17]. **Norfolk** [BWH+17, WACGH11, ZRC+11]. **normal** [DCA+98, HMW00]. **normalized** [ZSZ+19]. **North** [AAG02, ASBM02, Bat01, BH94, Bla94, BAC+15, BSS15, CLT94, CMBPM04, CGPM13, CDL94, DFF02, DCR94, DH93, FS05, FCW+15, FDC+18, GAC+02, GAHD+17, GLMB18, HAF+15, JLL+15, JSBC15, LOA15, LDFS93, LRV+02, LLM+03, MFG+93, MP94, MFE+02, NESB+15, OL15, RLVF02, RPF01, RBXM15, SFV+01, SSUB15, SML15, SBP13, SMGB03, WCH+93, ZBC+13, AM22a, Ala13, BG08, BW04, Chi96, EHL02, Fir96, FBCN00, HMW+15, KL96b, KB95, KMK+20, KMKA20, LLD+17, LAÁ+14, LSA14, MPS+21, MDSA19, NLSL09, PLL+06, PSK+00b, PRMM+17, RPA07, RQRVM10, SG99, SBK08, VLK06, VKG93, VPP07, VKM13, WAW+05a, ZLOR02, ADS+02, ADV+01, ATJ05, ACH02, ABKL96, AKBD13, Ano06g, ASN+02, AGN+02, AMV+09, ARF+13, AL13, BCI02, BMS+18, BHS+06, BDW+98, BMK05, Bea09, BL98, BMS99, BGWF08, BPB+94, BLB+02, BLdM+02]. **North** [BLG11, BHAL13, BHLS15, BG10, BSW+13, BLS+08, BJ15, BTS+08, ÇYB+18, CHN+10, CTGD08, CAGL13, CB18, COJ+09, CMAO+12, CMT93, CSH+13, CPH01, CNM17, CWdE99, DMJ93, DDN+04, DKT+01, DSK+13, DPLB94, DJS+08, DB16, DFA+20, DCK01, DRS10, DKJ13, Dri09, DSW20, DKQ+93, DFMG01, FMZ15, FBS94, FSL+01, FD01, FS02, FKH13, Fre13, GOD+01, GWR93, GG93, GPÇ18, GdRGLS04, GHM02, HdVGHM02, Ham07, HTTS12, HSS+12, HWM02, HHH+93, HAH+01, Har94, HTK+10, Hat02a, Hat02b, HH93, HK01, HK07, HYK+02, HFK+02, HS93, HIN+02, HM93, HLL+09, HWJ20, HD02, INTS02, IBB+02, JZ93, JWS01, JPM99, KBL01, KH02, KKH+02, KSBK01, KD13, KT06, KY17, KLM+02, KEPZ93, KD01, KST+99, KFS+10, KMS+02, KKNH02, LPD+17, LBV+08, LBL08, LPA+17, LML+01, LMG93, LDHI93, LH01, LH08]. **North** [LKL+13, LWC05, LS18, LL13, LTS+13, LSC02, LN01, LLM+02, LGB13, MTGY05, MR01, MPL15, MA05, MLG+02, MKD+20, MTT+12, MNB02, MM15, MYE+02, MRD13, MMD15, MWB+09, MST+14, MHM+14, MKS+02, NHS+09, NOT+09, NMK+20, OHK+02, ONRW10, OYK15, OKY+17, OBWK01, OTH05, PBFS06, PK08, PKR+01, PDA+17, PWB+06, PB08, PPM02, PDY20, RAC+20, RLD+15, RWR+02, RvAH10, RR10, ROL+15, RKHK+11, RH94, RSB+15, RFF+02, RDFSWV99, RWL+93, RCM+17, RSP+98, SBCH02, SSH+02, SL94, SW09, SH00, SAA+17, SWB+09, SBBP+15, SRDV07, SNIT02, SRBR05, SVS93, SLB13a, SGL99, SS99a, Ste04, SCWK08, SMGB02, SKKM20, SB98, SLB13b, SBG+06, SS13b, TTLP06, TBA+02, TRB98, TCJ+11, TdFAL19, TS10, TMP+13, TGFP02,

TBB+08, TLP+19, TNIW02, TRM+15, VKG93, VALM17, VSS+93, VCRDF99, WLM23, WB01, WR09]. **North** [WABW02, WBBM01, WBML06, WTZ02, WSB08, WYW+02, WWN+02, WWW+02, WSP19, WR15, WSLC15, YWI+02, YK16, YCN+10, YWW23, YQMB20, YKO15, You10, ZKSS06, ZNM+02, ZPT+13, ZFA+02]. **North-Anatolian** [GPÇ18]. **North-Atlantic** [LPD+17]. **north-central** [MPS+21, RQRVM10]. **North-East** [GAHD+17, ZBC+13, BW04, EHL02, HLL+09, RCM+17]. **north-eastern** [LAÁ+14]. **north-south** [VKG93]. **north-west** [KB95, SG99]. **north-western** [Ala13, BG08, LLD+17, LSA14, CB18, FMZ15, LPA+17, MM15, TMP+13]. **Northeast** [CD99, DLR+01, DCM+99, DOB+01, EAF+17, LCL+98, MTB09, NHH+13, PGPI+13, RRL+14, SOS01, WJD+00a, WLC99, Ake19, BLSW05, BB09, BCS99, BTRL99, BT15, CMB99, DP99, GRWW01, GMMS05, HCHD09, HDW+20, JPSB93, KPML20, LGHD20, LNJ+00, LSdC+10, MC05, MH93, MLP+10, MD14, MRMP09, PPA10, PLS+10, PHS17a, PP93, PFC19, PSE+93, PDB+20, RSR05, RMG+23, SLDL93, SGJ+20, VS99, WH01a, Wei99, WR01, WCWW99, AGL+19, BMP+09, BDL+14, BT04, BOH+04, CMW+05, CMH+20, DGR19, GDA+15, KRF01, KRG+01, LSM+06b, MGN99, MDG13, MG13, MLS+06, OUJ+19, SA14, SMH+06, SCD14, SDB+18, SFG98, SMB+98, SHM+20, VCO+15, VSFF09, WJD+00b, WMM02]. **Northeastern** [GWL+15, ACQ+08, BGIJ+06, BMGF93, BF14, BGH+19, BEJS93, CAJE15, DKT+01, DFA+20, DGT14, EWP+99, FHT+14, FTT+17, GSW99, GCI+01, GNB+17, HdMR+99, HNRGL06, JLK03, KLČ+19, LRDS18, MBHB09, MSM10, PUP+07, PVK+20, RH99, RKTG14, SGD14b, TTCD14, VH99, WBA+17, WFW+17, WOU06, YCD+06, YBC+17, ZLZ+15, BFS+17, CPH01, DL01, ZBvH+00]. **No}rthern** [WPL+15, Won15, WKLM15, Ano05c, KOLA+18, KGdC+18, NBBBT13, dCHdOF+18, AML+19, ALHP18, AST+05, AVS+20, AHV+17, ASN+02, ABC+05, AGAB19, AKI+16, BFD+23, BKP+19, BPC05, BMS99, BSSK+08, BFB+18, BAF+18, BPR+10, BMT20, BTLC98, CRJ+08, CA06a, CDG00, lLCCC07, CG07, CSG+15, CLSS15, COJ+09, CSL+07, CM00, CMW+08, CMC+05, CJF+12, CSG+13, CGG+19, CP05, CBK+07, CHH19, CBK+22, DW15a, DEL+17, DHM+22, DNH+02, DC08, EQW+13, EHK09, EPPR09, FMC+20, FJR+20, FR10, FC15, FCG18, FK98, FKS18, FS02, FAMY20, GMT+09, GPMZ+10, GGH98, GMD07, GPF16, GGDF08, GGC19, GQ09, HDK08, HdVGHM02, HTTS12, HT17, HCZ+07, Hat02a, Hat02b, HBC+23, HCG+09, HH20, HK07, HLS+02, HK08, HSY08, HFL+15, HZ19, HHX+10, JRKR19, JWO+09, JBC+21, Jen03, JBS+98, KAI21, KJL+17, KLTS13, KLY+15, KAM+20, KY17]. **northern** [Kli09, KLD21, KVL+19, LSC05, LLR+06, LJL+17, LBM09, LDGH16, LKH+07, LLG+16, LBM+20, MSH10, MMY+20, MSRM14, MMS+16, MTK+18, MBW+08, MF09, MSK+19, MCS+09, MHG+17, NSKG96, NDE14, NHD11, NVBJ08, NHS+13, NCE+23, NSWY20, NYH+20, NSBL94, NBCT13,

OCT+19, OGBF08, PW15, PBS06, PNLFS02, PNLFS03, PG18, PK03, PKZ93, PZP93, PDC+21, RHD+11, RSR05, RCW+15, RSL05, RMB05, RB06, RRWR08, RWRS08, RFJ10, RSH10, Roy05, RBS+17b, SMA+17, SCL+04, Sam01, SMR+06, SBM+18, SMB02, SNIT02, SRBR05, SZH20, SMB+17, SPEPS18, SBB06, SR08b, SCB+16, SFK+12, SBC+16, SBB+19, SMGB02, SMGB03, SHY+08, SNW08, SCSMT20, SB05, SESS08, SZB+19, TOSH08, TLR+00, TTD13, TAB+05, UKJ+20, UC13, VLK06, VSM17, VHT+20, WRZ+19, WZZ+19, WCB08, WAK+12, WABW02, WC01b, WC07b, XZM+23, YXC+19]. **northern** [YZZ+19, YSC+20, YKY+07, YLK+15, ZNM+02, ZZY+19, ZLW+19, ZWQ+19, ZSZ+19, ZTZB09, ZTZ09, vCO09, BSMV03, BMHR08, BMOW09, BCB+18, BHSJ16, BLSS10, CBV+16, Dau18, DTWF17, DDL06, DBC+19, FS05, GHGMI05, GCCG13, GBP00, GW15, HCAK17, HPY+15, HWS+07, HWC07, ITMG18, KMMS18, KFH01, KCL20, KRG+01, LMM+17, LGK15, LAGK+18, LCT+07a, LRM+02, LSL+15, MSD+18, MB08, MdSLH13, OMAA18, PWTH15, PRDF08, PRP15, PdBK+03, RRMM05, RBP+05, SC10, SGW+15, SSR+14, SAB+07, VLR+02, WC01a, WWcW+15, XGL15, YK16]. **northward** [AKK+17, SYT+10]. **northward-propagating** [SYT+10]. **Northwest** [AP22, Bau02, BDWG02, CFK15, CHV09, HF21, KCM+14, LBV+08, LGP+03, LLLP+03, OKH+22, REWH11, SA18, SLH+00, SSI+09, SCM+09, TSMS09, BSCE15, BEM+15, BOJ+10, CAMA+02, DVS+14, DJ15, LTF+19, MHK+03, SM15, SJST13, TGLN93, WSM+22]. **Northwestern** [FHR+14, AYMSAS19, AKK+17, Avr02, AAL+17, BZ20, BCM02, BBV00, BMO93, BLOM93, CB97, CSL+22, CDS96, CC13, CHT+13, CMA+09, CMK+18, CMC+02, DGR19, Duc93, EMW+08, FML+93, GGTMG+10, GGRJD+10, GG02, GCN+97, HIN+02, HSD04, KWN+09, KMA+18, KBV+97, KMS+02, KKNH02, LPW+09, MC02, MGMP02, MSM+02, MPHF02, MKS+02, NSY04, OTOH05, OTH05, OBM+93, PHOM09, PLdL97, SHA02, TLMT97, WXL+23, WO99, WST15, Wei99, YCN+10, ZKSS06, Zon97, ZEGB97, Ang10, BFDB17, SA15a, TSB+14, ZSLL15]. **Norway** [SSR+14]. **Norwegian** [Mun16, PTP09, RPB99, ST07, AMTE09, BM07, BMK09, KBFH14, LD07, Mun14, PTS01, Pro09, VSFF09, YD09, ZTZB09, ZTZ09]. **nose** [PSE+93]. **NoSoCS** [WPL+15, Won15, WKLM15, PWTH15]. **note** [Ano03a, Ano03b, Bol08, KWF+19, LSC05, PBG07, PB08, PSY13]. **Notes** [Dau18, HC13, AM22b, CRT+00, DDAH+14, PP13, UFAK06]. **Notolepis** [RDW+22]. **Notopoma** [BVL04]. **notorcadensis** [CL06]. **notothenioid** [VPdP06]. **nov** [AM18, AM22a, BCNS15, CAK15, CP18a, GMB18, Gol18, GBBS00, MB07a, MGE13, MB18, QRE+17, SM15, Ste13, SC15, VWTK18]. **Nova** [Ano14, SSG14, DPK+14, DKP+14, DTJ+14, NLDJ14, PDK+14, WPW+14]. **novaeangliae** [BJK+22]. **Novaya** [SEN+95]. **Novel** [PFdSG11, BCN+17, SLS+07]. **November** [Ano19l, Ano99k, Ano21l, Ano22u, CCM15, KDG+97, SCC98, ZHB+07].

**nowcast** [CWL+23]. **nowcast/forecast** [CWL+23]. **NPZ** [HCG+09]. **NPZD** [DGR19]. **nucleotide** [BLBW+11, XSL+17]. **Nuculidae** [SW09]. **nudibranch** [VB98]. **number** [Gre08, SSM09]. **Numerical** [CA06a, HFKY05, JMW+20, LWGS00, MPI07, SHM+01, WL02, AS02b, Bas19, BKM07, BU05, CBF01, DGR19, EO02, FC01, GOC09, GMPS04, HKR+01, HBP+14, KB99, LFPC14, LCT+07b, LCL+10, LDX+23, MH93, MGMP02, MDM+13, MBS05, NYNK05, RSS01, SAK05, SESS08, STS+15, WDM+05, WSM+22, ZG15]. **nursery** [GSC+19, HSC+19, KHT+20, SCH+19b, SCH+19a, WCS07]. **Nutrient** [CRDP02, CK10, DVS+97, DCK01, DWHM06, FLMF07, HVWH09, JLR+13, KWH+05, KD00, LMA08, LH08, LLK05, MJW+06, RBN+08, STK02, STN+06, SDLZ13, SKF+10, SSH+00, WTWC07, WR01, dBC+09, ATS+96, Ark13, Ber07, BMRP02, CBV+16, DLL+15, ERR97, GG95, GGT+02, HHH+14, HDD+11, HS98, HZS00, HHD+09, KSBK01, KCY+16, KLKB95, LML+01, LRM07, MPE+09, MR01, MDGF01, MCG+98, OT03, Qué13, RBA+01, RBS+17b, SMV+03, SMZ+08, SMS+07, SYS05, SHH03, SBC17, SKGD14, SF08, TVL+00, TDC08, TRB+19, WCH05, WJD+00a, WJD+00b, WWN+02, WPL+15, WRS99, WSB+09, ZAC+15, vGTG+00]. **nutrient-limitation** [MDGF01]. **Nutrient-phytoplankton** [RBN+08]. **nutrient-rich** [GGT+02]. **Nutrients** [BJB+06, ESK+23, KTP+20a, SF04, TMTR14, WWH97, AKH+02, Ano95b, Car07, CWS05, CPEN08, DWW+02, EWBW99, FJG+00, Fon96, GSK02, HdBB+02, HLM+01, KMT20, KC03, KN05, LN01, MY99, MLP+10, MCPA02, MSS+02, MLS+15, NKF+10, NMK+20, PFC19, PDE+16, QW15, SMY+98, SZG+13, SDKH03, SSP+06, SPD+11, SGD+03, TT01, TNIW02, WPW95, WLD+06, WWN+02, YKS+19, ZHD+08]. **nutrition** [CBC02, HWTP07, VH99]. **nutritional** [JH04, MBB+02]. **NW** [BFG+10, NKB+18, SAKP+22, SKS+23, ZB00, AFC+17, BFM+14, BGG+09, BFF+10, CMB02, DFJ18, EBB+08, FARLR+13, FB15, FEB+15, GLCU+17, GBSL98, HLM+01, IHSS+10, KNN+06, LG00, LGML00, Mar18, NFD+02, PSAY20, PLS+03, SGM+02, TGRB02, TR02, VAM97, VSC+11, WGW+19, vWDB+01]. **Nyctiphanes** [GGTMG+10, GGRJD+10]. **Nymphon** [ASMM11]. **Nymphonidae** [ASMM11].

**O** [dLWFB08, BDO00, CMB02, CMVS+10, CJM+22, DHW98, ECD+17, LLB+00, MBW+08, RBJW16, RWL+93, SZB+19, TLP+12]. **O'ahu** [TD16, Chi96, Fir96, KCTG16, KL96b]. **oasis** [RBN+08, CW09, JOD98]. **Obituary** [Ano18l, BCD+09]. **object** [MBd05]. **object-oriented** [MBd05]. **Objective** [BS05, BS06]. **oblique** [WCK+18]. **Observation** [GMCR18, HMSMK04, PLHMA06, TGK+11, VHT+20, Fed13, FKH13, LAÁ+14, MGN+18, SZB+19, WCL+15a, YLH+10, vHHH+11, BHHM+12]. **observational** [IMG+19, MLW+01]. **Observations** [ACD+17, Ano05e, BKD06, BIH10, BVGE+06, BRSB16, BU05, CM00, CWS+23, CSG+13, DCC+17, DSvR+18, Ham07, JCP05, LCT+07b, MW05a,

NGS+20, OM14, PWTH15, PNLFS02, PNLF02, PNLFS03, PF06, PR05, RR10, SGA+15, SAK05, SVKT20, TGU+06, vAvVV+03, AML+19, ABKL96, AKM+05, AAB+97, Bae11, BES11, BEGC04, BMG+04, BMM+99, BHAL13, BR14, BMSBM+17, CSL+22, CRP+05, CCL+14, COJ+09, CBC02, CDH+00, CRMI18, CLJ+13, CWD+10, CHH19, CAGLV+06, CJM+22, DFMW13, DNR20, DNK+08, DBC+19, FVSRR14, GDE+96, GBB+17, GSGS01, GSdAMNMM04, HBP+14, HM14, HZK+05, HZK04, HS05b, HZW+23, HSC+07, JR15, KWT+16, KMG+20, LBM10, Lar04, LOB+09, LOA13, LW04, LBB11, Mah16, MB96, MCS+02, MCS+03, MKS+20, MDS+16, MLW+16, MT98, MBS05, MARFP08, MLS+15, NKE11, NHH+13, NMW+09, NKD+08, NDE14, OSCS04, OCKA+11, PCT18]. **observations** [PBGCD+13, PWJF20, PGPP+13, PVT+21, Pri06, ROB+17, RHK+10, RLP+98, RD16, RdR03, RSSM19, RSRL00, SiSA+02, SCM+08, SCPC98, ST13, SJM02, STP+16, SBC+16, SCPP05, TS03, VSV+97, VT09, WH01a, Wea93, WBJ+98, WFR+02, WWS02, YSWJ16, YSHS08]. **observatories** [MK19]. **Observatory** [CGG+19, GMCF19, KCO+19, SBB+19, GMB13, JMM+13, LBM10, MK19, RBXM15]. **observe** [UGSK+20]. **Observed** [BSL11, CW22, MPS+21, SWH08, TTW+05, WXL+23, AL98, ARLB00, BL96, Fir96, FKH05, GSPT13, GK16, Had11, HGB+13, HF21, Jac95a, KMD+99, LSM96, MDH+98, MSC04, MRD13, Ric05, RHD+18, STF09, SRBR05, SEM16, SC16, TRM+07, VLK06, VKC09, WRBS10, WP17, YXC+19]. **observer** [BLS05]. **observing** [HWP+11, KKM+10, RAS23]. **obtained** [HIN+02, KOR06, PK13]. **OC26** [CDM+16]. **occupied** [KFS+17]. **Occurrence** [BPM18, MBMGK08, OGJ+19, SSJ+22, TD16, DBL+19, DB02, ESWL20, FDP+14, GR10, JR11, KBF+08, KDG+97, LDGH16, OCP18, PSAY20, SLC+15, YLD09, YMC+22]. **occurrences** [MSA+14, WOM+16]. **occurring** [HRM+18, ODCP98, PKHH17, TFR+10]. **occurs** [BJF16]. **Ocean** [AS01b, Ano96f, Ano05c, Ano06e, Ano07d, BHT22, BTFB12, BvWR+20, BL96, BQT08, BHJ99, BL01a, BHHM+12, BTUV08, BTS+08, CFJL96, CMC+05, DRBM97, DD06, FWP+07, FH09, GAL+20, GSF+19, GSF+20, GFPM02, HLR+09, HRX17, HWCT04, HWCT11, HB19, HBVG20, HBVG22, HHP04, HPM02, HV03, JFM+17, KMLC+04, KM96, KL96a, KG09, LBR+11, LBSB+17, LQF+02, LSM96, MSF+22, MM97, Mit96, MSBS01, OGRdO18, ORFA+14, RGTV97, RBG18, RDL+09, RHK+10, Rog17, SBCH02, STJ+08, SH00, SF04, STB+17, SSI19, SAM+00, SA03, SWLL23, TRB98, TVLB08, TOP95, Urb20, VTD+20, WREC18, ZBC+13, ZLJ08, ZGGF22, vBBR+08, AGL+19, AHN23, AT10, Ano05d, AAB+97, ALH+01, AS02b, BK99, Bas19, BMK05, BJF16, BNM08, Ber01, BMH08, BFA+08, BPF+03, BKY+17, BMOW09, BLS+03, BLS05, BSN18, BLH05]. **ocean** [BSB+99, BCH+19, BSN+15, BNFS01, BBA+98, BBA+01, BL08, BSRM08, CD95, Car07, CFS+06, CH24, CH07, CLF+09, CFZ+18, CWP+15, CB09a, CWL+23, COJ+09, CL15, CM03, CLMK13, CSP05, CM16a, CWS+23, CMK+18, CCM15, CH19, CRR01, CKH+08, CB09b, DGP20, DDN+04, DKC+17, DMW+07, DGN96, DLF+09b, DTR+09, DGR19,

DBL+19, DEK+08, Dud06, DKP+17, DWW+02, Eck94, EOB03, EAB+20, Fed13, FWR+02, FK98, FHvFM08, GEP+16, GGCM17, GSM+20, GGSC03, GHÖ+13, GBJ+15, HBP+14, HCJ+22, HXF+23, Har06, HKSV11, HFD+23, HTA+17, HWK+14, HBR11, HGAB04, HAE+17, HBC+12, HBV19, HCRX16, HDW+20, HWJ20, HBK+98, IATK17, JBOH10, JDL+12, JAM+14, KKMSM12, KB99, KG20, KxF22, KD13, KMMS18, KC04, KCL20, LLD+17, LPD+17, LBM98, LWLS98, LJBF00, LTY+03, LHX+22, LZB96, LW04, LYL22, LSWM22, LBJ+13, LKK+95]. **ocean**
[MAH+12, MAN+20, MRSLM+19, MCSF15, MCS+02, MCS+03, MFH04, MSC04, MM05, MKRY01, McP08, MTT+12, MMH+08, MNR+11, MXC15, MV23, MS12, MNPT06, MW06, MK19, MC13, MPHF02, MRM+12, MMM+13, Mun07, MKW11, MLS+15, NTA+10, NLDJ14, NL11, NDD+14, NTK+09, NBBBT13, OFV09, OPB15, PF02, Pal04, PLRV22, PG07, PTM+16, PCH+22, PGS14, PTA+99, PPR07, PSWF19, RHL+22, RdGM+09, RPB99, RAC+20, RGH+24, RPB02, RLH+03, RBJW16, ROC+21, RAF+11, RLB03, RHI00, RMC+93, RBS+17b, RBH+20, RN06, Sag18, SAA+17, SE96, SSSC19, SF11, STM04a, STM04b, ST13, SL15b, SVS+20, SN04, SLW98, SCB+01, SH10, SDMS06, SWLW11, SD96, SCQ+09, SUL+06, SUK+06, SPH+08, TSS+02, TSW+09, TCM+22, TPW+16, TFP+16, TBB+08, TAB+05, TTL+16, UW99, VAT23, VMGO+09, VRL+02, VHM17, VIY02]. **ocean**
[WC06a, WDFK+22, WLY+22, Web19, WW23, WWB04, WFR+02, WPAP01, WF99, WCH05, WMC06, WSB13, WC01b, WYW+02, WTSP07, YK16, YK05, YSMW05, YFY+10, YMMC11, ZKSS06, ZdBB+07, Aar03, AVA23, ABC+04, APB+09, AMvD+12, ARLA03, ACPV04, ABE+11, ACFS02, ADE22, Ang10, AA15, ACSG15, AMP+03, ATLD+20, ACR+20, Ano99a, AJR+15, AKK+17, ATS+96, AHK99, ADAM02, ACBMQ08, AHB+17, ARF+13, BC11, BRG+19, BDB97, BWL01, BPD+11, BCT21, BSK+97, BLBW+11, BCWT00, Bau02, Bea09, BHS+19, Bec97, BSS20, BTR95, BBM+08, BCG04, BFT+97, BDL+14, BO96, BBE+13, BSG+02, BSL08a, BIH10, BCH+11, BBR+18, BSRB17, BTRL99, BNKJ23, BFML+08, BH97, BABB08, BTC13, BMF+01, BHLS15, Boy02, BBBM04, BBB+07, BE09, BEB11, BW14, BWWG98, BBV00, BB04, BCB07, BNFS01, BDNS03, BJ15, BHK+10, BOJ+10]. **Ocean**
[BBA+01, BBD+03, BRPH20, BMO93, BEJS93, BLOM93, CAH+09, CSA+09, CSEP+17, CD95, CAS+97, CRDP02, CdST+17, CCBL14, CHG20, CM99a, CMB99, CGM+07, CGSZ13, CAFK03a, CAFK03b, CWP+15, CWWB04, CRA+20, CFT+04, CMW+05, CMT93, COV+08, CVM+01a, CVM+01b, CMR+18, CAC+97, CHL+95, CBB+00, CM16b, CHH+22, CBMM15, CS20, CLGM05, CNM17, Cra97, CBA+20, CAÖT04, CBS11, CSS+02, CM99b, CWdE99, CCFL01, CC01, DLHH11, DS21, DBJ97, DKT+01, DSN+10, DBR22, DVS+97, DDS11, DeM02, DSO+97, DKN+97, DNR20, DP99, DP02, DB97a, DSN+20, DFD+11, Die07, DMW+07, DCK01, DT03, DWJ+15, DFJ18, DBL+19, DGB+98, DB97b, DB02, Duc93, DKQ+93, DDB+97, DNA97, DSYH09, ETDB11, EHL02, EWP+99, ETD+11, FdBGP11, FBS94, FLM10,

FS05, FML+93, FM03b, FSL+01, FAS+03a, FAS+03b, FHR+14, FM03c]. **Ocean** [FMO02, FLMF07, FRW00, FS07, FvFC+11, FUGG+09, FBCN00, FCA04, FCAD04, FKH13, FBCP01, Fri01, FPGH02, Fro04, FPB04, FSGV+09, GFK24, Gai97, GBH+01, GSMB01, GRWW01, GMPSHA+13, GCS+12, GHGMI05, GMM+20, GBL+08, GAL+12, GPCT23, GSW+09, GdRGLS04, GCKC07, GVD+97, GPB09, GLW+97, GNT+17, GCB04, GFW07, GPK02, GK02, GMMS05, HS01, HSS+18, HHH+15, HCL+22, HBSL01, HCBP97, HPWP07, HLG+21, HNM+20, HAH+01, HK01, Hei02, HBC+23, HZT+06, HK07, HA03, HMS+03, HWCT04, HS93, HWS+98b, HM93, HDCM95, HFM+00, HBV19, HWS+07, HWL06, HSC+07, HPK+97, HMA20, HAD19, ISB+11, ILWH03, IIM02, IPH+17, JLL+13, JSWB21, JKB04, JBC+21, Jen03, JCD+03, JYM+15, JFK+10, JBVW12, JLJ+12, JBM+08, JNBJ17, KBLA97, KPML20, KBB07, Kam15, Kam18, KK19, KOO+24, KQ02, KSL+04, KNV+10, KDU+10, KCMT+20, KYI10a]. **Ocean** [KHC+09, KSU+06, KLM+11, KTSI07, KSU+08, KMA+18, KD01, KIS02, KBV+97, KWW04, KMD+11, KNB11, KVL+19, KNN+06, KL96c, KIY+05, KKNH02, LKD+15, LVJC17, LB07, LSF+01, LRFK99, LBV+08, LBL08, LCW20, LHD+22, Lar04, LPFS97, LB93, LGP+03, LJL+12, LKJ+15, LGK15, LGO08, LEP14, LSU04, LMvDA16, LDHI93, LW10, LGVK+14, LBB+07, LRL+22, LTW+22, LIS+02, LZL+22, LPMS09, LCWJI+19, LBGW97, LL13, LTS+13, LMLC+17, LN01, LCE+23, MQ01, MBHP99, MP99, MB07a, MMXS02, MT15, MFPL19, MAN+20, MGT+20, MCH+13, MPL15, MP17, MLS01, Mas01, MCSF15, MORB+15, MTE+02, MCS+02, MMTT+20, MV01, MLR07, MTWC+15, MPJ+13, MKT+15, MV19, MHA+15, MMH+08, MNR+11, MDS+16, Met09, MBK97, MWT+17, MvSdBL11, MdBL+11, MWF+19, MBL+15, MNV+20, MMJ+03, MS12, MSS+02, MNPT06, MMT08, MHK+03, MDGF01, MES97, MBT97]. **Ocean** [MSTT07, MTM+13, MC13, MQACB08, MBO07, MLS+15, NGS+15, NGS+20, NG10, NGM+20, NP03, NSKG96, NRSL17, NGM+05, NDT+01, NTF01, NBSF01, NAB+02, NSvH+11, NMR10, NDD+14, NTH10, NW01, NRH+20, OFD+22, OvdRvA+22, OCL+08, OKH+22, OTOH05, OKY+17, OB22a, OB22b, OSCS00, OBWK01, OT12, OBM+93, OPB15, ÖCB+04, PFP02, Pak04, PF04a, PF04b, PDH+11, PCDM11, PSA14, PDA+20, PPYN15, PMJW10, PKW07, PMS+20, PFdSG11, PJC19, Pee97, PH96, PFC19, PWF03, PPB+22, PLL+06, PPRHLF02, PMJ20, PSF+07, PLR02, PBD+02, PR17, PKZ93, PZP93, PHH+06, PDG+03, PLS+03, PPR+20b, PGK15, PDY20, PDB+20, PHKW10, QW15, QTPS97, QB02, Qué13, RHL+22, RDP+02, Rai11, RJM+15, RDW+22, RBMY02, RGW04, RAS23, RMBW07, RGH+24, RP17, RWJ06, RHB+04, RR10, ROL+15, RGHN+97, RGS+97, RHPC+19, RDFSWV99, RTM+20]. **Ocean** [RW95, RMPI+17, Rod13, RL97, RAB+17, RMG+23, RKS+95, SGA+15, SLC+20, SAKP+22, STK02, SLS+07, SHI06, SPSM23, SG99, SMCA01, SVD97, SH11a, Sch02a, SSLP95, SE07, SM15, SRW+10, SBQ+02, SFR+06, SRF+09a, SF11, SSH+11, SSF97, SSH09, SMP+15, SMB02, SBP13,

SSAL+17, SNB02, SLB13a, SDB+97, SKdS+14, SE95, SSS+11, Smi11, SBN+15, SBA+20, SIFS10, SBC17, SBR+97, SE14, SPB+10, SGL99, SWCB02, SSJ+22, SVS+20, SJST13, Ste04, SCWK08, SCH+19b, SS99b, SWGPK17, SCC+11, SMM+06, SKF+10, JMP+19, SZB+19, SLB13b, SJJ19, SB22, SBG+06, TB97, TOF04, THJ+17, THZ06, TPW07, TDvdE+10, TM22, TGK+11, TAL+12, TSPH09, TNT+15, TMGLM19, TSSR20, TBPS22, TP02b, TP02a, TLK+02, TPS+15, TRHA01, TA01, TDC08, TSB+14, TTA+16, TBB+11, TRM+15, TRB+19, VQ97a, VQ97b]. **Ocean** [VAM97, VSD+97, VHS97, VTA+11, VVM+12, VH99, VPP07, VBF+02, VNBW18, VTD+20, VIY02, VSV+97, VKM+10, VGF02, WN01, WHL+97, WPHL02, WC24, WLZ+19, WSM+22, WW04a, WFF07, WHNS04, WO99, WST15, Wei99, WWH97, Whe97, WF99, WCY05, WBM+10, WAL+11, WMC06, WSFB02, WNA+10, WACGH11, WAN+15, WDG+02, Wil98, WSB08, WCJ97, WC01a, WWC+99, WWN+02, WR01, WvdEP+10, WDC+15, WCL+15b, WW04b, Wun13, WSLC15, WPB11, XWZ24, YWI+02, YCN+10, YHK15, YQMB20, You99, YMMC11, YS01, YKJ+15, YBHM05, ZCG+12, ZW23, ZDW+20, ZRC+11, Zon97, bsBD+20]. **Ocean-atmosphere** [SWLL23, AGL+19]. **ocean-basin** [DKP+17]. **ocean-biogeochemistry** [JAM+14]. **Ocean-color** [KMLC+04, MCS+02, MCS+03, MSC04]. **ocean-sea** [WLY+22]. **Oceanic** [BMK09, CDJ+22, GDIK02, GSGS01, HGM+11, MFE+02, NP03, SMP+15, YSBH06, ACG+01, Ano96g, AMTE09, AMK+05, BK99, BMK96, Bat01, BW04, BC05, BBG15, BHS+19, CBW01, CBB+95, CJ19, DRD06, DWBP13, DNK+08, EAB+20, FCA04, GCRW95, GHIM04, HCG+09, HYMD11, IIM02, IIM+09, JDL+22, KAW+16, LW15, Met09, MSW11, MHM+14, NMW+09, PNVJ13, Rog00, RAL+01, RFHL99, SYT+10, SZB+19, TGFP02, WH01a, WLZ+19, WDD+22, CRR01, IYM10]. **Oceanographic** [COQ+18, GKR+18, LWB+20, ML04, OT12, PBFS06, RSL05, SB22, YAS+93, BES11, BC08, BZ20, BFDB17, BCKH07, BMH+94, CHU+00, FWZM12, FZW+13, GDA+15, HPS+13, JD08, JRGLJ+19, KTSI07, LCW20, LSWH07, LBM+20, LNDH+17, MSS15, MSGO18, NPBS00, OB22a, PS04a, PC18, PDB+16, PLS+03, RMB05, RGIH+06, SMB+13, SNMH18, SGB+08, SBK08, SABP+16, TBW+11, UPS04, UIS+03, UY04, YKY+07]. **oceanographically** [CWE+17]. **Oceanography** [Ano05a, Ano06c, BGDT11, FL04, MTG18, PNLF02, WPG+07, AYN19, BH15, BND+04, CW09, CSM93, GSVCCCH12, GSP14, Hem99, Joh19, LC16, LCS16, MSI+08, MAR+15, PNLFS02, RP17, RDBP14, RGL06b, SCQ+09, WHNS04, WB03, WNA+10, WMP+11, WKLM15, WAW05b, WSP19, YFY+10, YHC+11]. **oceans** [Gre01, GC07, Hol96, PW12, Sig17, SW99, TSW+09, WCJ97, ZJH08, ABKL96, BGWF08, GAJ+13, LGP+15, LFKF+17, TCH+16]. **October** [BSN18, CCG04, DMS+98, IF95, SMB02, Ano99j, Ano22v, Ano23l, CCG04, Dan95, DMS+98, ERR97]. **octocoral** [BM17, FB14, PB13, QED+14]. **Octocorallia** [AL14, Dau18]. **octopodids** [ACPV04]. **octopuses** [ABE+11]. **oculata** [AHVB+17, NOFP14]. **Odate** [KTSI07]. **Odden** [BW99b, THV+99, WW99]. **Odobenus** [YBC+17]. **odontocete** [BCT21].

**odontocetes** [KOM17]. **Odontoceti** [IATK17]. **ODP** [GPK02, KOS+16, NGM+05]. **OECOS** [IYM10]. **off** [AMJRD19, AHGCNM+04, ADBU18, AAG02, ASB+02, Ano14, AGAB19, ARW+04, BSG+11, BBAL+20, BMK05, BB98, BOB20, BFT10, BPM18, BG94, BH94, BD94, Bla94, BMOW09, BBV00, CLT94, CTW+15, CCP+18, CA06a, CLC+20, CLF+09, CDG00, CCM+20, CHU+00, CGR+00, CPC+03, CHSVB+19, CDJM04, CDL94, DVS+14, DGN+17, DDL06, DVCG+12, Di 10, DOLP+09, DCR94, DBDT03, DGR19, DDLK06, DLKP14, DDB+97, EFW+14, EPPR09, ECM+06, FPHH+09, FGU04, FVSRR14, FPS10, FMFW07, FA02, FMH+02, FYS+17, GMT+09, GPC+04, GR10, GGPM05, GHIM04, GQ09, GAC+02, Grü99, HTD00, HT01, HWTP07, HVWH09, HS98, Hec94, HMAW11, HSR+16, HZS00, HYMD11, HSK+00, HF21, IATK17, JKK+10, JLK03, JCM+13, JBD+09, KL06, KCTG16, KKD06, KSDE16, KBV+97, LCVV06, LTF+19, LWB+07, LRV+02, LPPK14, LAMLB18, MSRM14, MMHB98]. **off** [MHG+04, MASVB+19, MP17, MDC+10, MBB+02, MGH+16, MP94, MRMP09, MAR+17, MFG+04, MF09, MAA+04, MAA+05, MMMC07, ML04, MTMH11, NC97, NLDJ14, NGF09, NFD+02, NPBS00, NKK+00, NVK+04, NCR+08, NA09, NMWH19, NCSB+98, OVKN11, OM98, OG11, PPZ93, PKW07, PNH+00, PDT+10, PDC+99, QLU09, RA98, RV00, ROPB03, RLVF02, RH94, RAL04, RCF+16, SMLP04, SW09, SLS+10, SPF10, SSV02, SSW05, SPEPS18, SRF09b, ŠH11b, SBB06, SEN+95, SMPSG+04, SAM96, SLC+15, SGW+00, SKW07, SN00, STS+15, TCG00, TBA+02, TMGLM19, TMT+11, TML+16, TKF16, TWPP07, UPS04, VBM+19, VKGQ+09, WB09, WvdEM00, WR09, WST15, WGMW10, WTI+20, WNRM08, WMP+11, YKY+07, YHC+11, YLH+10, vC97, vGTG+00, vCO09]. **off-shelf** [JCM+13]. **off-shore** [BBAL+20]. **official** [DRR+14]. **offs** [RRK+20]. **Offshore** [Ano14, CSM13b, CPW+18, DHS+14, DPK+14, DKP+14, DTJ+14, DVC14, FMWD07, KCA05, LDG94, MC05, MTGY05, MPH+05, MC18a, NLDJ14, NR00, PDK+14, PFC19, RHPC+19, RGS+15, RMG+23, SH99c, SJST13, SGFP13, SDLZ13, TZ09, TB05]. **OFP** [CRR01]. **Oil** [AZYT16, ALHP18, AKZL16, CMP14, DPK+14, DKP+14, DTJ+14, DBG+16, DRRBC16, EBM+18, EMEP18, FSP+16, GGM+16, HCRX16, JBD+09, Joy16, JBÖ+16, LMH+18, LLG+16, MPM+16, MAR+17, NLDJ14, NM18, OJK+10, PDK+14, Pas18, Pas16, PDB+16, PPS+16, PFDD16, RD16, RP18, RPF+16, SKD+16, SEM16, SAW16, SBL+18, TAB+16, WAM+18, YNG+16, ZA16, ZJA16, ZDP+16, Ano14, QNL+16]. **oil-associated** [Pas16]. **oil-based** [JBD+09]. **oil-degrading** [YNG+16]. **Oil-derived** [AZYT16]. **Oithona** [LCDS00]. **Okamejei** [WST15]. **okhotensis** [AM18]. **Okhotsk** [AN06, ASV18, BAF+18, CKFC18, KKSA19, MCB18, SID19, AN05, AM18, Ala18, BCE18, CP18a, Dau18, DNG+12, DFJ18, EBG+22, FHK18, GMB18, Gol18, GHM+12, GC18, HSS+12, ITM+12, Kam18, KME18, KSH12, LJB18, MA18a, MA18b, MB18, Mar18, MAK+16, MMDS18, ONRW10, OTK+05, OBH+18, SIA+05, SA18, SHS+12, VWTK18, YCN+10]. **okhotskensis** [Mar18]. **Okinawa** [CCC+03, IOK03, KLL03, KW03, Tan03, YA03, YKS03].

**Okubo** [IFFGL+04]. **old** [VMF+16]. **Oligocene** [OSHB07, WC07a, ZSLL15]. **oligotrich** [CLL+03]. **oligotrophic** [ABKL96, AKHR+20, BRG+19, DBR22, HLG+21, HZT+06, KTP+05b, LR97, LH08, LZB96, LLS+19, OvdRvA+22, PKZ+19, SZV+19, Thi05, TWPP07, VPA+20]. **Olimpi** [PPR+20a, TPP+20]. **Oman** [Duc93, ESK+23, LG00, MMHB98, MMWM00, PLdL97, PPZ93, SMBM00, SW00]. **OMAs** [dJMTGG11]. **OMEX** [WC01a]. **OMIP** [WLY+22]. **Ommastrephidae** [Sei13, TS13]. **OMP** [PFX+02]. **OMZ** [FLTV97, FL02, WSB+09]. **On-board** [HZK+05]. **on-deck** [TPW+16, WW04a]. **on-going** [KCZ+19]. **on-shore** [CFGR07]. **Onboard** [DCD+14]. **Oncorhynchus** [ARWM13, ABC+05, AMK+05, KKUK10, KMOM19, MBC+09b, TBH09, WWB04]. **One** [CDP+02, CMC+02, DBC+02, MML07, DP02, DGN96, FNYK02, GFW07, LK98, LMS15, OFV09, VMF+16, WC06a, ZLOR02]. **One-dimensional** [CDP+02, DBC+02, DP02, DGN96, FNYK02, GFW07, WC06a, ZLOR02]. **One-year** [CMC+02]. **ONR** [FK98, KFH01]. **Onset** [BDE07, BFF+07, BCBF03, FPW02]. **Onshore** [SGFP13]. **Ontario** [LPZ+04]. **Ontogenetic** [MMID17, WL20, YOK+10]. **ontogenetically** [KSU+08, KUN10, KIN+10]. **Ontogeny** [YKN07]. **ooze** [GPK02]. **opal** [ITK+16, MHB+95, RLPF07, vdLBB+02, LBR+08, LDS+08, NKD+08]. **Open** [SUL+06, Ano05d, BMK05, BNM08, BCE18, BCH+19, BNFS01, DC12, DKC+17, FvFC+11, LWLS98, LBJ+13, MM05, NRS14, NTK+09, RHI00, SFR+06, SLW98, SUK+06, WCH05, WYW+02, YK05, YMMC11]. **Open-ocean** [SUL+06, BNFS01, LWLS98, NTK+09, RHI00, SUK+06, WYW+02, YK05]. **open-water** [DC12]. **opened** [LJL+12]. **Operated** [MCH+13, DDB+17, DBBWH20, HSM11, LAJP13]. **Operational** [HDGM19, COS+16, SABP+16]. **operationalizing** [RDSA+21]. **operations** [Sag18]. **Operculariella** [Ste13]. **Ophelicola** [CBMM15]. **Ophidiiformes** [MGN+18]. **Ophiolimna** [BTC13]. **Ophiuroidea** [SN00]. **ophiuroids** [BBE+13]. **Ophryotrocha** [AP22, VHM17]. **opilio** [DBMI17, FJR+20, GKBG17]. **opisthobranch** [Mar13]. **opportunists** [YERT13]. **opposing** [CB09a]. **opposite** [BFSK08]. **Optical** [GNG+22, GLSK+17, PBD+02, RGW04, ZWK+15, AL98, ARLB00, BRPI02, CDA98, CCH95, DMS+98, DNK+08, FCG18, Fig02, FWM+11, IHSS+10, JOD98, KLK+15, KMD+99, KMDW01, KBE+04, KGB06, MFH04, MHA+15, MS18, MAA+04, MAA+05, NRS14, PVK+20, PPRHLF02, PTA+99, RD97, SSI+99, SWO+01, SCM+08, WTSP07, bsBD+20]. **optics** [BBLS14, HWS+98a]. **Optimal** [FGH+13b, MTWC+15]. **Optimality** [Arm06]. **Optimality-based** [Arm06]. **optimisation** [KMB11]. **Options** [MPH+16, AH17]. **Orbital** [AKI+16, GBC+05, GHM+12]. **Orbital-scale** [AKI+16]. **orca** [MT98]. **Orchomene** [HNS+11]. **Orcinus** [MT98]. **Order** [GBBS00, IUdV+12, GTSC08, RRT+17]. **Ordovician** [ASS02, SSAF02]. **Oregon** [BPS00, DME+18, FPS10, GGPM05, MPZ04, SPF10, SSW05, SCPP05, YLG+18, vGTG+00]. **Organic**

[BMD+17, BRP+13, Cra97, FRW00, FGW02, HdVGHM02, KLL03, KBI+11, KSS00a, LPFS97, LSB07, LCE+23, MS06a, Mil94b, MB08, NMS09, PD01, PGZ+09, RCL+09, RBDO17, TBA+02, WLP+09, ABC+04, AWL+09, ASBM02, ARC02, ACH02, AHHCR23, ALH+01, BHMC05, BSS+17, BDW+98, BA10, BWD20, BJF16, BCG04, BBDL98, BPB+94, BLS+97, BGG+09, BSS15, BAH+95, BBA+98, BBA+01, CD95, CHPS00, CHN+10, CZP+08, CCP+18, CMB+97, CM99a, CMB99, CZVR02, CSGC03b, CCZ+21, CM00, ÇYFB+06, ÇYAYT06, CLPL+09, CMB12, CSS+02, DURP03, DD95, DB05, DPLB94, DTB+02, DKN+97, DJS+08, DC00, DRR17, DÁSCP02, DGB+98, DSYH09, EAS+09, ERB+99, GWZ16, GRS00, GRC+03, GBL+08, GSB+23, GGM+16, GLSK+17, GCB04, GMC+12, GOP+01, HMB+96, HCBP97, HP98, HC01, HWM02, Har94, HVN02, HSC+07, HCG+03, HWC07]. **organic** [HD02, HLM+01, JDS+08, JDD+11, JBS+13, KBLA97, KR95, KCD+17, KLY+15, KHL+16, KMC05, KVB+09, KSU+06, KW00, LRGH+05, LG09, LMB+98, LPW+09, LG98, LWM+09, LWL+16, LKH+07, LFC16, MP99, MHB05, MORB+15, MBB+02, MD14, MGS+10, dJMTGG11, MFG+04, MGC+14, MES97, MLK+12, MBT97, MSTT07, MYN+96, NSKG96, NAB+02, NVBJ08, NKB95, NW01, NTS+11, OCL+08, OUK03, ODP+17, PCB+00, PW15, PMJW10, PPZ93, PTM+16, PH96, Pfa93, PPFS17, PDE+16, PCB+17, PDS+17, PRMM+17, PDTS08, QB02, RTB02, RV00, RGH+24, RRWR08, RGS+97, RIHGS00, RMPI+17, RPF+16, RBH+20, SdS01, SMCA01, SSB+17, SBHS20, SSV02, SSM+00, SW00, SMD08, SBN+15, SBA+20, SP00, SLZ+16, SD96, SAM96, SP06, SJSI00, SCM+09, TRH+08, TTLP06, TGK+11, TAL+12, TTCD14, VCSM09, VKGP+11, VAK+09, VCR02, WWH97, WYW+02, WC09]. **organic** [WAC+09, WDC+15, YCN+10, YCT+22, YÇYTKB06, YOI+09, YHL+12, YBHM05, ZQ97, ZCG+12, ZWQ+19, ZWL+22, ZdBB+07, Zon07, ZB00, dCHdOF+18, dSG09a]. **organic-** [ODP+17]. **organic-matter** [DD95]. **Organic-walled** [HdVGHM02, ZB00, dSG09a]. **organisms** [AMN+02a, BBL+13, CGR+96, KRGT14, MB08, PDY20, UGSK+20]. **organization** [BMGC09, BH19b]. **organo** [dJMTGG11]. **organo-mineral** [dJMTGG11]. **organochlorine** [GSK96]. **organs** [LV17]. **orientalis** [KHT+20, KOT+20]. **orientation** [BGCH20, MOT98]. **oriented** [BKM07, MBd05]. **Origin** [BSS+17, CLB96, RdGM+09, BC05, BLS+97, GPBV+07, KL06, LPMS09, MTGY05, RTB02, Rai11, RLGG07, SHB02, TLW+94]. **original** [GPF16]. **Origins** [MSRM08]. **Orinoco** [HMSMK04]. **Orkney** [MNR+11]. **ornata** [WST15]. **Orographic** [Sco05]. **orthogonal** [IS07]. **Oscillation** [CAGL13, CPH01, HC15, MMH+08, TSS+21, ZPT+13]. **oscillations** [Chi96, PWJF20, RSSM19, SPF+94, VV23, ZL23]. **Osedax** [ALSF+17]. **osmium** [KGW96]. **ossicola** [QRE+17]. **ostenfeldii** [GKQ+05]. **ostracoda** [SSR+14, Ang10, BVB14a, KB15]. **ostracode** [GCCG13]. **ostracods** [CB18, Zar16]. **Otago** [OM98]. **Otaria** [RSCFT+13, RSCFT+16]. **Other** [Ano98g, Ano99f, Ano00f, AS01a, ACPV04, BCT21, DTWF17, FVSRR14,

FVW08, GTTKB14, GBLS00, GCKC07, GJC98, HTML98, HHH+22, KM98, LLM+02, LLM+03, NKF+10, NVK+04, PK08, Reb03, RHPC+19, UY04, WAC+09]. **Otolith** [HiII+19, HiII+20, MMS+19, WZC+19, ZDW+20]. **otter** [TCEW07]. **our** [Har06]. **outbreaks** [KAM+14, Sco05]. **Outbreeding** [BKS+10]. **outcome** [FC09, ROBV+18]. **Outcomes** [Urb20, RBDO17]. **Outer** [PTM+16, SS99a, GPMZ+10, KMO09, SPF+94]. **outflow** [ASB+02, BWAS02, CBG02, DGR02, HMLS+06, MLW+16, ONRW10, SLDL93, SAK05, YFL+23]. **outflows** [PHOM09]. **outline** [KWA+20]. **outlook** [BEG07]. **output** [HPH+16, VHM17, YSWJ16]. **ovata** [Mal15]. **overall** [WGG98]. **overcast** [CWWB04]. **overexploitation** [CWSH20]. **overflow** [BL04, LGB13, Men23, PR05, Thu06]. **overflows** [VMB17, WJ02]. **Overlap** [CLQ+18, BSR+18, HHMF11, MS11, PKHH17, PRDB+17, RSWG04, RSCFT+13, RSCFT+16]. **overlaps** [MST+14]. **overlying** [TMT+11]. **overturn** [HC01]. **Overturning** [CH11, GLBB11, GM11, HMHY11, MD06, MKW11, Bae11, BJ15, MZD+11, RHK+11, RKHK+11, SF11]. **Overview** [MK96, ROB+17, SH02, SCB+01, TO95, BQT08, BMO93, Bur99, BAR+02, CHU+00, CHS17, DTJ+14, DFF02, DWJ+15, DGT14, ES04, GH05, GHS09, HMW+15, HWCT04, IBB+02, KTB+05, LTW+11, LPSS03, LD07, Mah16, MFH04, MDTG13, PL00, Rog17, Sak07, SlBW01, SBDB09, SBKS03, Smi11, SYB+11, TZ09, TBFP04, VNA+16, WTP+07, WKM+07c, WKLM15, YOR13]. **overwinter** [CSS+22b]. **Overwintering** [Dal04, ST07]. **own** [ŽSN+18]. **oxic** [KMLT06]. **oxic/anoxic** [KMLT06]. **Oxidation** [Sch07, BNP+09, CCK+16, GMT+09, HFL+15, MS06a, MF09, TCG+18, WJS+10]. **oxide** [BKP+19, CFV+18, DH97, FUGG+09, JBR+18, LL01, LAMLB18, WYPY06]. **oxidizing** [CBNR+09, HSS+18, TSP+18, YLD09]. **oxycline** [MF09]. **Oxygen** [ADBU18, CSH+13, DO01, HLL+09, LWM+09, MPB+18, PCB+17, SAM96, TNT+15, VCO+15, ÁRR02, AKI+16, BRM18, BRJM18, BH19a, BL96, BLW+09, CFT+04, CLH+00, CMB02, CL09, DAKR20, DGN+17, DRBM97, DSO+97, EHK09, FCA04, FCAD04, FDC+18, FSGV+09, GMT+09, GPC+04, GQ09, GBLS00, GLdS+09, GW98, HBT+08, HiII+19, HiII+20, HCRX16, JWC09, KNK15, KSBK01, KFF+94, KBSS93, KLČ+19, LG00, LG09, LG98, LGML00, LL00, LN01, LAMLB18, MGHN01, MASVB+19, MMS+16, MPS+21, MAK+16, MMWM00, MFG+04, MF09, MCS+99, MFM+18, MMM+00, MBG09, NS93, OTNT05, OHFW93, OENB01, PRC+09, PHS17a, PHD+18, QSA+09, RCL+09, Rog00, RMNB08, SWC09, Sei13, SBHS20, SW00, SLH+00, SLZ+16, SKGD14, SFMG13, SNK07, TLF97, TBSP+18, TTDR13, TS13, TDC08, UP09, VCSM09, VKGQ+09, WWC+19, WGG98]. **oxygen-deficient** [GBLS00]. **oxygen-depleted** [SNK07]. **oxygen-minimum** [VKGQ+09]. **oxygenation** [BN05]. **Oxypolella** [CAK15]. **Oxypolella-like** [CAK15]. **Oyashio** [HiII+19, HiII+20, HYK+02, IGN+10, IHSS+10, KYI10a, KYI10b, KUN10, KIN+10, KMO+10, KS10, LSGM02, NKF+10, OHS10, STK02, Sak07, SF10,

SHN+07, SKF+10, YOK+10, YOO+10].

**P** [Ano97b, Ano97c, FSK+05, HLFP08, ZHK+05, ADV+01, CKH+05, GS06b, KTP+05b, KTB+05, PWR05, PST+05, WBM96, WWC+99, ZHK+05]. **P-cycle** [FSK+05]. **P-limited** [ZHK+05]. **P-ratios** [HLFP08]. **P.** [BGMH01, MM15]. **Pa** [AFB+94, CAFK03b, FA03, HAF+15, SvdLM95, VvdLS11]. **Pachycara** [BKPA06]. **Pachyptila** [vFvdBB+02, BY09]. **Pacific** [ARF+13, BPD+11, BRPH20, CMW+05, CM16a, DLHH11, DB16, DCK01, DFJ18, DGB+98, FSL+01, Fri01, FSGV+09, GFK24, GMPSHA+13, GdRGLS04, HK01, IYM10, JLL+13, KBL01, KKNH02, LBV+08, LBL08, LSU04, LKL+13, LAT+18, MCS+03, MHK+03, MSNL09, MMG98, NHS+09, NLSL09, OKY+17, OBWK01, PLS+03, PZL+09, PDY20, RR10, RD97, SM15, SFV+98, SCWK08, SBG+06, TdFAL19, TSB+14, WSM+22, Wei15, WF99, WCY05, WAN+15, WSB08, WWN+02, WDC+15, WCL+15b, YWI+02, YCN+10, ATD+11, AM22a, AHR+06, ATJ05, AP22, ABKL96, ASF+16, Ano06g, AKK+17, ANI09, ATS+96, AAB+97, Arr15, Arr16, ACG19, AMN+02b, AMK+05, BTV+11, BFL+20, BKP+20, BK96a, BGS98, BSL+96, Bas19, BLSW05, BB09, BW04, BHS+06, BDW+98, BMK05, BS98, BAD+97, BL98, BZS+16, BBDL98, BGWF08, BO96, BCO+96, BD02, BCS99, BE18, BCB+18, BTRL99]. **Pacific** [BCE18, BT98, Bor01, BML+06, BHJ99, BGH99, BH99b, Boy02, BSCE15, BEM+15, BRPI02, BT04, BLS+08, BLG15, BNFS01, BBB+11b, BTS+08, BT15, BOH+04, CD95, CTGD08, CFV+18, CLB96, CDP+02, CWSH20, CMB99, CAFK03a, CAFK03b, CBS+96, CB18, CDG00, CMAO+12, CVM+01a, CVM+01b, CMBPM04, CLQ+18, CM16b, CMH+20, CBMM15, CRM+16, CGG+19, CCC+23, CMPB18, CJM+22, DZBR95, Dan95, DN97, DDN+04, Dau18, DABMAMA04, DGN+17, DLR11, DJS+08, DBN+11, DP99, DP02, DVPR06, DGR19, DRS10, DKJ13, DJ15, DBS98, DCF+18, DQC95, DWW+02, DBC+02, DCF+11, DMY+97, DNA97, DO96, EWBW99, ERR97, EBB+08, FMZ15, FL04, FHAH16, FWC+95, FWG+97, FBC+02, FAS+03b, FLMF07, FB15, FEB+15, FCG+96, FSG02, FDM+97, FBCN00, Fre13, FDC+18, FC07, GLLC04, GVW+19, GGCM17, GML99, GSdAMNMM04]. **Pacific** [GJC98, GKR+18, GBP21, GMCF19, GK02, HRM+06, HSS+18, HMB+96, HCBP97, HOD+09, HTTS12, HSS+12, Har96, HC15, HTS+09, HTK+10, HSBT19, HCHD09, HHP+96, HALV18, HSC+19, HYK+02, HA03, HMS+03, HWS+98b, HIN+02, HDCM95, HFM+00, HDW+20, HAM+15, ITT12, INTS02, IF95, IHSS+10, IIM+09, JCD+03, Joh96, KF95, KPML20, KBK+18, Kam15, Kam18, KSH+09, KWN+09, KOS+16, KMSM11, KNG02, Kaw02, KDU+10, KxF22, KCZ+19, KSBK01, KM95, KYI10a, KRB95, KY17, KTSI07, KSU+08, KT02, KMA+18, KHT+20, KOT+20, KN97, KNI+05, KFS+10, KNB11, KR07, KLKB95, KNN+06, KCO+19, KMS+02, LKD+15, LVJC17, LMLJ18, LSF+01, LSST20, LCK95, LKC96, LK02, LST+11, LK98, LCS+06, LR97, LFM02,

LBD+02, LGP+03, LSNH15, LGF03, LSM+06b, LMKL09, LDG+23, LB18, LSGM02, LBB95, LIS+02, LLK+09, LCWJI+19, LSC02, LGP+15, LFHM97]. **Pacific** [LSM96, LKK+95, MN10, MC05, MTGY05, MPH+95, MPG+97, MBHN02, MBHP99, MP99, Mal15, MSK+06, MJW+06, MSJ+06, MTB09, Mar18, MASVB+19, MRSLM+19, MCSF15, MMS+19, MA05, MGNB96, MCS+02, MGK19, MV01, MLR07, MAR+15, MTT+12, MLS+06, MM15, MRC05, MDH16, MMD15, MS12, MSS+02, MF09, MSGO18, MHSV18, MDTG13, MZH16, MWFS17, MST+14, MHM+14, MKS+02, MJG95, MYN+96, MLD97, NOT+09, NMH+06, NHCL14, NBSF01, NAB+02, NL11, NTK+09, NZT97, OKH+22, ONRW10, OTNT05, OTOH05, OACA19, OYK15, OTH05, OT12, PBFS06, PCDM11, PHS17a, PPYN15, PWCL98, PH96, PFC19, PWF03, PRORSV+19, PHD+18, PLL+06, PWB+06, PWP+05, PSK+00b, PDSS96, PDB+20, Qua97, RR96, RPMS95, RMA+20, RLPF07, RHPC+19, RPAD99, RL97, RDLZ02, SAKP+22, SBCH02, STK02, STN+06, STN+09, SiSA+02, SD06a, STF09, SA15a]. **Pacific** [SMH+06, SH99c, SBBP+15, SDB+18, SLT+11, SLHS20, SNMH18, SFG98, SBSH99, SIS+02, SKS+23, SNIT02, SP19b, SNB02, SHD+96, SBD+97, SBG+98, SD98, SMB+98, SM03, SHM+20, SHR20, SIFS10, SMPSD04, SH16, SCGB18, SCH+19b, SMB+18, SHPM14, SPD+11, SLS11, SLB+15, SKF+10, JMP+19, SPP22, SMLS02, SSI+09, SHKW05, TYBY06, TT05, TLSY11, TRWB99, TSWJ12, TKF07, TMGLM19, TS10, TMP+13, TBB+08, TSB+14, TSN+06, TSMS09, TNIW02, TTA+16, TBB+11, UP09, URDP01, VMBS03, VH99, VSSN96, VS99, VSV+97, VT01, VBC+95, WHF+19, WHL+97, WPHL02, WCRG95, WGR+97, WCMB06, WYOS18, WLZ+19, WXL+23, WFA+95, WSL07, WMW96, WTCB09, WGNH15, WYL+20, WZW+95, WCH05, WTT+20, WACGH11, WNHF+15, WCB98, WM99, WC02, WYW+02, WWW+02, WC06b, WJS+06, WSP19, WCWW99, YK16, YTF02, YWW23, YKS+19, YKO15, YOI+09, You10]. **Pacific** [YBC+17, ZKSS06, ZNM+02, ZOB+96, ZDWR95, ZD97, ZQ97, ZRC+11]. **Pacific-Arctic** [OACA19]. **Pacific-influenced** [CJM+22]. **pacifica** [AELP14, KYI10a, KYI10b, LS10, SPF10]. **pack** [BLB+11, CMNM16, FHvFM08, FMS08, FWM+11, GFS99, JSM+16, KMM+08, KBF+08, LCvdM+16, MNG+11, SvdMC+16, TKF16, UWvdE+16, vdMLB+11]. **pack-ice** [BLB+11, FHvFM08]. **packages** [TWL+15]. **Page** [Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h]. **Page/Cover** [Ano17f, Ano17g, Ano17h]. **Pages** [Ano93b, Ano93d, Ano93e, Ano93c, Ano94b, Ano94c, Ano94d, Ano95c, Ano95e, Ano95f, Ano95d, Ano96l, Ano96h, Ano96i, Ano96k, Ano96j, Ano97d, Ano97g, Ano97e, Ano97f, Ano98k, Ano98m, Ano98j, Ano98l, Ano98h, Ano98n, Ano98i, Ano99i, Ano99g, Ano99h, Ano99l, Ano99m, Ano99k, Ano99j, Ano00k, Ano00m, Ano00g, Ano00n, Ano00l, Ano00i, Ano00j, Ano00h, Ano01d, Ano01c]. **PAHs** [CHT+13, SW08, WSS+08]. **pair** [PKW07, SKW07, TPW07]. **pairs** [VMGO+09]. **Pakistan** [BG09a, BLW+09, CL09, CML+09, GLdS+09, HLL+09, JWC09, LSS+09,

LWM+09, MBG09, SJSI00, VCSM09, WSB+09, WC09, WAC+09]. **PALACE** [HMSMK04]. **palaeo** [GPK02, ZB00]. **Palaeo-** [ZB00]. **palaeo-flux** [GPK02]. **palaeoceanography** [RAF+14a, RAF+14b]. **palaeoenvironmental** [ID19, Tho04]. **Palaeoproductivity** [PS05]. **Paleo** [PPR07]. **Paleoceanographic** [GNT+17, AELP14, AKI+16, CHL+15, FSG02, HAF+15, MHB+95, MPB+18, OTK+05, RH07, TT05]. **Paleoceanography** [ITM+12, WFF07, IOTS16, ITK+16, KOS+16, Tak05, TRO16, TSOT16]. **paleoclimatic** [BIP+02, DFA+20, SHS+12]. **paleoclimatology** [WFF07]. **Paleodictyon** [RSdV+09]. **paleoenvironmental** [AN05, AN06, KT05, ZWC+15]. **Paleoflow** [MF93a]. **Paleomagnetic** [LSOM16, OTNT05]. **paleontological** [GBC+05]. **Paleoproductivity** [ITK+16, KKT16]. **paleoreconstructions** [AMN+02a]. **paleospeed** [LB93]. **pallasii** [ASF+16, GKR+18, SPP22, TKF07]. **Palmahim** [BBAL+20, BBS+20]. **Palmer** [RQM+08]. **palumbii** [MN10]. **Palynofacies** [SSB+17]. **palynological** [DW15a]. **pammelas** [BBB+01]. **Pandalus** [AI09, NA09]. **Pannychia** [OKH+22]. **PAP** [LBM10, SWBKK10]. **Papa** [WCWW99]. **Papagayo** [GSdAMNMM04]. **paper** [Eif05, JW05a]. **papers** [Lut09]. **Paracanthonchus** [MM15]. **paradigm** [PL04]. **paradigms** [LdSN+18]. **paradoxical** [YERT13]. **Paragenesis** [Cha07]. **Paragorgiidae** [FB14]. **paralarvae** [RNP93]. **paralarval** [BJP+22]. **Paralytic** [DVC14, DRR+14, ACK+14, BMH05, BCL14, DCD+14, KAM+14]. **Parameter** [KMB11, SOW01, IFFGL+04]. **parameterisation** [RFHL99]. **Parameterization** [WDFK+22, CDJ+22, GDL22, HCJ+22, LYL22, Pap05a, SHL+11, SD22, TCM+22, TC06, YXZ+22]. **parameterizing** [MPH+16]. **parameters** [ABC+04, AHGCNM+04, ADBW16, BL99, DM16a, FNS20, GDA+15, HAGW+13, HPM02, KCMT+20, KRGT14, Lar04, LBB95, LW04, MGJ+18, MFN+02, Pon07, TLR+00, ZHY+13]. **Parametrization** [OBRJ01, LHX+22]. **Paramunnidae** [GM22]. **Paramuricea** [DQC14]. **Paramytha** [QRE+17]. **parasite** [TBSP+18]. **parasites** [KPBK08, PK08, TBSP+18]. **parasitizing** [CBMM15]. **Parasound** [SSHB03]. **parks** [DAN23]. **parsimonious** [HCJ+22]. **Part** [Ano96f, CC00, CPM+18, ELG+22a, HWCT08, LWSA08, LWAS08, LSM+06b, MDTS11a, Ala13, Ano96d, ÇYB+18, CC13, CHT+13, CMB02, FLM10, PRSS23, POA+16, SA18, YCYK10, CDP+02, CBF01, DIM+12, DBC+02, FC01, GBH+01, GSMB01, GOC09, KTP+20a, KTP+20b, KVB+09, LC16, LCS16, LLD+17, LPD+17, LPA+17, LAB+17, MSK+06, MJW+06, MSJ+06, MDTS11b, MDI+12, MLS+06, OGC09, PF04a, PF04b, PTD+17, PDA+17, PLA+17, PCB+17, SVR+00, SH99a, SH99b, SS05a, SS05b, SA03, SWCB02, SVS+20, TBC+17, VSR+00, VAK+09, WSFB02]. **Partial** [KRF01, BCM02, CG07, Dan95, TS13]. **Participatory** [RDSA+21]. **Particle** [Ber01, BLC+08, DEK+08, HFM+00, IGP+06, Thu98, VMM+08, Wal94b, WGR+97, ASBM02, ANL13, AAMF+02, AMH+01, BBB94, BMK+13, BAD+97, BTS+08, CM99a, CAFK03b, CBB+00, CRR01, CCH95, DMY+97, ETDB11, FS02, GWR93, GNG+22, GBP00, GAC+02, HMW00, HFM+02,

HdMR+99, HM93, HTM+03, HDW+20, Jac95a, JLAD95, JB01, KCD+96, LOA15, LNJ+00, LSdC+10, LAC+09, LWW+15, LKK+95, MBNRB08, MDTS08, MDT+08, NFD+02, NRS14, OPB15, PIP+02, PP93, PDC+99, PFW+09, PAM+14, RBN+08, SCL+04, SBD+97, SGM+02, SLLT10, TBB+08, UIS+03, WCRG95, WWC+99, XA09, ZGW+23, ZDA+16, vdLCS+11].
**particle-attached** [LWW+15]. **particles**
[AHV+00, ADGA01, AGP05, BJB+06, CB97, CGR+96, DD95, FBS94, FBL+98, HFD+23, HDCM95, KGKS20, Kaw02, KHH+17, LBV+08, LL95, LPA+95, OMY+03, OL15, PA95, RCW+15, RL97, SSH+02, SNIT02, SHR02, SAL95, SCM+09, TA01, WSB08, YA03]. **particular** [EMEP18, vFvdBB+02].
**Particulate** [ATD+11, BGS98, DSO+97, DC96, GOP+01, LQF+02, LMB+98, LPW+09, PRMM+17, SCM+09, TTLP06, YHL+12, ABD+13, ACH02, ANI09, ASN+02, BS03, BHMC05, BBDL98, BA94, BSP00, BAH+95, BBA+98, BBA+01, CHPS00, CTGD08, CMB+97, CM99a, CMB99, CCZ+21, CCC+03, ÇYFB+06, ÇYAYT06, CLPL+09, Cri95, DURP03, DB05, DJS+08, DRR17, DGB+98, EAS+09, FCG18, FA02, FCP99, GRS00, GRC+03, GCN+97, GZZC10, HLG+21, Hat02a, HK01, HHP+96, HAP03, HIN+02, HWC07, HD02, IOK03, JDS+08, KW03, KR95, KLY+15, KHL+16, KVB+09, LBR+11, LGC+12, LKH+07, LCE+23, MPV+11, MHA+01, MBK97, MTMK+13, MGC+14, MES97, MLK+12, MSTT07, MYN+96, NOT+09, PMJW10, Pfa93, PBNF+16, PDY20, QB02, RLP+98, RRWR08, ROL+15, RSB+15, RHB+95, RMPI+17, RBH+20, SBD05, SSL98, SZG+13, SBN+15, SBA+20, SP00, SAM96, TRM+15, VKGP+11]. **particulate**
[VvdLS11, VAK+09, WBM96, WC02, WCWW99, YOI+09, ZCG+12, ZWQ+19, dMCNC99, vdMLB+11]. **particulates** [BSB+99]. **partition**
[BSR+18]. **Partitioning**
[FCW+15, HAD19, CAGL13, CDRB16, LZM+13, MDTS11b, TR02, Pap05a].
**partly** [HAC+14]. **Parvaplustridae** [CSE+22]. **Parvaplustrum** [CSE+22].
**Pass** [SRN02]. **Passage** [LRR+04, MBS+13, PZT+19, SWO10, NMW+09, PP20, SSB+06, WBI+01, BPRS11, BCH+19, ECD+17, FGH+13a, FGH+13b, GARVK04, HMS+13, HSH+13, JCM+13, MRB+14, MLS+15, PRB+11, RPS+11, SAM+13, SGP+11, VPK+19, VvdLS11, ZZM+13]. **passages**
[SPH+03]. **Passive** [DME+18, HS93, MGJ+18, SO98, ŠH11b]. **Past**
[LAGK+18, AKK+14, CAFK03a, FC15, GNT+17, HTTS12, HTK+10, LLH+15, PS05, RBB+97, SIA+05, Sig17]. **Pasternak** [BPKJ15]. **Patagonia**
[PRP15, FSCC07]. **patagonica** [SGB14]. **Patch**
[LCS+06, LML+01, SLW98, TWN+06, TNS+09]. **Patchiness**
[LEP14, GWP+98a, RPB02, WT14]. **patchy** [LW04, NSBL94]. **Path**
[BRL+03, BSX+15, CRMI18]. **pathway** [MC12]. **Pathways**
[GF07, SP19b, CRP+05, DCA09, DFD+11, DMW+07, GLBB11, GHÖ+13, HRT14, HCG19, HPK+97, Jen03, LGB13, MSF+22, MMTT+20, MD14, Men23, MTWH04, PJC19, PHDK11, SM23, TP99, WWHT20, vBBR+08].
**Patinigera** [GWDP11]. **pattern**
[DN97, HV98, MLW+01, MSM+02, RMCAR06, XSM+19]. **Patterns**

[Bak98, BL99, BHSJ16, CDRA08, CRI18, GDAMS19, HEV+10, HNCW23, HSSN08, MDH16, MSK+19, PCT18, RMD+12, RS15, RQM+08, SVJ+08, VLK06, AGS+02, AST07, AKM+05, ACR+20, BPD+11, BLM13, BB09, BMK05, BMH08, BFA+08, BFT10, BE18, BSN18, BMB+18, BDG+04, BE09, BSW+13, CBBM12, Car10, CD09, CLC+20, CSF+12, CG18, CL09, CWE+17, DCC+13, DLR11, DB97a, Die07, DAN23, EFW+14, ESDM13, FEB+13, FCBD08, FHT+14, FCP99, GMR+09, GRS00, GGTMG+10, GQ09, GMC97, GFPM02, HWM02, HCWW01, HdMR+99, HC05, HKP10, HZ19, HNRGL06, HCG+03, HPM02, IGN+10, JHHK14, KOM17, KFG+03, LBC+98, LAMS+01, LN05, LL14, LPL+20, MKKB14, MC05, MPH+05, MKRY01, MO96, MBB+14, MCD+09, MWW+05, MDGF01, MBC+09b, NLHB01, NKA+11, OHK+02, OB22b, OBA02, Pal04, PWD+11, PHE+18, PCY+13, PMGH01, PB08].
**patterns** [PC98, PCAS05, PZP93, PTWM12, RTFB09, RH14, RE98, RJDR06, SMV+03, SMZ+08, SBM16, SLdB+15, SWL+18, SE07, SFV+98, SBSH99, SW01, SBP13, SZV+19, STD+20, SDKH03, SCD+22, SMS20, SN00, SMLS02, TLSW15, TS03, TT17, Wat09, WGG98, WPFB11, WPB11, Yal01].
**Paul** [FBB+13, Row13]. **Paulo** [GNT+17, MAR+17, NMN+17]. **Paz** [ONSSVGR04, SVJRSON04]. **Pb** [STWW01, AFB+94, BBB94, CMG+12, CCZ+21, CCC+03, GNT+17, HBCC13, LMS09, MLG+04, NOT+09, NESB+15, NZT97, OHT12, RH99, RSB+15, SKC99, SSL98, SRF95, VMM+08, VMGO+09, WCL+15a, YA03, YCT+22, ZGW+23]. **PCBs** [GSK96, HKY+13, TRF+97]. **pCO** [CSW+18, DCF+11, ITMG18, MLS+15, RWL+93, TSW+09, TLP+12]. **PCR** [EPK+10, GDD+09, PBG+10]. **PCR-based** [GDD+09, PBG+10]. **peaks** [MSF+22]. **Peanut** [MA13]. **Pearce** [Ano19l]. **Pearl** [MWS+15, KSDE16, LG15, YZZ+19, ZZY+19, ZG15]. **Pearlsides** [RBS17a]. **Peck** [BJF16]. **pectinid** [BCVCHW04]. **Pectinidae** [SGB14]. **Pedinophyceae** [TB98]. **Pedro** [MML06]. **Pelagic** [DT08, HLA+06, JLY+16, JWC+01, MPJ+13, OTH05, RMC+08, RAB+17, Rog17, SWGPK17, TRH+08, ADRS19, AGD96, BDBB07, BMK05, BSRB17, BSB+99, BEB11, BW14, BHC+17, CHG20, CA06b, CBS+01, CMC11, CSGV13, CSG+13, CDT11, DTWF17, DLWW23, DM16b, DLB02, DB02, DBBWH20, DGS+05, GHM02, HIK+08, HSM+01a, HKAM12, HYMD11, HBC+15, HCWH00, HBC+12, HSW+02, HAM+15, HA96, JYM+15, JRGLJ+19, KTP+20a, KTP+20b, LTF+19, LO03, LDG+23, LWB+20, LCT+07b, LL13, LTS+13, LFKF+17, LV17, MCL+19, MKKB14, MHO02, MWT+17, MR08, NSLAP+17, NKB+18, ÑB04, OYK15, PLS+10, PDH+11, PH17, PGFP+08, Phi17, PUB+06, PBMM14, RMA+20, RT20, RAL04, RHPR15, Rod13, SVB+19, SVR+00, SMD06, SHM+01, SPH+08, SWMB10, SLB13b, TSW+12, TPW+16, TVL+00, TLP+19, VJP+10, VRL+02, VS99, VSR+00, WNHF+15, WZB+14, YCA+20]. **pelagic** [YOR13]. **pelagica** [HPN+12]. **pelagicus** [TTA+16]. **pelago** [CB18]. **pelago-benthic** [CB18]. **pelagobenthic** [CCBL14]. **Pelagos** [LPA+17, PMF+17]. **PELAGRA** [SLS+07]. **pelamis** [AKK+17]. **pellet** [GS08, WSB08]. **pellets**

[ASF+12, DURP03, IPH+17, LSUB94, TGG+09]. **pellicle** [BFG+10]. **Penetrating** [HLZY10, YLH+10]. **Penetration** [PPRHLF02, YFL+23]. **Penghu** [JC03]. **penguin** [CHPF10, CWEHT22, NCR+08, WLR+00]. **penguins** [BHB+07, CWEHT22, ERPFF11, FHvFM08, PCL22, RCKCK07]. **Peninsula** [ECM+06, KHB+04, MBOvL08, RVZ02, VFS02, WAL+11, AMJRD19, SSP14, AE02, AAMF+02, AHV+17, ARW+04, ADG+08, BLBW+11, BLO04, BPM18, Bol08, BSR+18, BLO+17, BFF+10, BMG+17, BBB13, BCF+04, CAMA+02, CHM+17, CKY23a, CKY23b, CWFP94, CKH+08, DSB+18, Dal04, DK04, DKS11, DT08, DZ08, DFK+06, Duc08, DEK+08, ERPFF11, ECD+17, ECS+17, FCG18, FA02, FJF+11, GHM18, GP08, GSM+08, GWDP11, HBT+08, HTA+17, HWCT08, HHP04, HBO11, ITMG18, JBS+13, JCM+13, JFM+17, KOLA+18, KGdC+18, KMMS18, LWA+04, LWSA08, LWAS08, LBM+17, LAGK+18, MDH08, MDTS11a, MDTS11b, MSI+08, MTK+18, MBW+08, MSV+17, MSvL17, MSJS08, MHVM+08, MdSLH13, PDT11a, PG18, PHDK11, PHS+17b, RQNO04, RQM+08, SSWM18, SBM+18, SPEPS18, ŠHW+04, ŠH11b, SK02, SMS+08, SMD08, SMSI08, SBS+08, TCM+04, VGBGPA02, VMB17, VMI+08]. **Peninsula** [WMB+08, YKY+07, dCHdOF+18, vWMR+17, vGFGS02]. **peptides** [PRC+09]. **peracarid** [AFC+17, GBPB+13, WPB11]. **Peracarida** [BPBJ13, BCB07, MS11, RHW04, BSCE15, LMS15]. **Peragallo** [FHR+14]. **perch** [CM16a, CM16b, SCH+19b]. **perennially** [KSM+11]. **perform** [KKH+02]. **performance** [GGAMV+23, NCR+08, WJR+16, WPAP01]. **period** [BZMC20, CSS+22a, DC06, GGRJD+10, JDL+12, PPZ93, RSR05, RDBP14, RP18, SRC98, WO99, WJR+16, Wei99]. **periodic** [KJB+08]. **periodicity** [TLKT00]. **periods** [BSM01a, Dri09, GBI10, ITMG18, RSF+99, vdLBB+02]. **peripheral** [SCD+22]. **periphery** [LPJ+19]. **Peritrich** [KBR18]. **permeable** [RTFB09]. **Permian** [PPR07]. **permitting** [RLH+03]. **Pérouse** [MAN+20]. **peroxide** [WWcW+15, YS01]. **Persian** [PSAY20]. **Persistence** [BGS09, GS06a, WTCB09, GPMS+16, OS02, PLGCL09]. **persistent** [Bre93, LMH+18, dJMTGG11, SBHS20, SKR+12, WBA03, YNG+16, YSC+20]. **persists** [MASVB+19]. **personatus** [SLLT10]. **Perspective** [SL15a, AM07, BPRS11, BLG11, BSR08, Car07, CNM17, HXF+23, Har96, HMA20, Jam18, JBC+21, KPPL00, LK11, LSWM22, MA09, PBFS06, RAF+11, VAT23]. **Perspectives** [ETDB11, HZWW16, ASBR17, Bak98, LTF+19, PH19, Phi17, SMSI08, XGF18]. **perturbations** [SZH20, SL15b, ZMYS13]. **pertusa** [AHVB+17, BRB+13, BR14, HWK+14, JBJ17, LPPCF10, NOFP14]. **Peru** [AGAB19, Bor01, DVCG+12, DOLP+09, FKW01, GBO01, HKR+01, HMW00, KHL+01, Kos01, KFW01, LKTS01, LAMLB18, MvSHD01, MLG+04, SM01, STWW01, TMGLM19]. **Peruvian** [MGGTM19, ÑB04]. **pesticides** [GSK96]. **Pete** [Ano18l]. **Peter** [DCBS98, Lut15, SL15a]. **Petrogenesis** [SWB+18]. **petroleum** [BMB+18, LLG+16, TZ09]. **pH** [BBL+13, BTR95, CSW+18, CFT+04, CBB+95, GGCM17, TCH+16]. **Phaeocystis** [PMS+07, SDMC03, SLT+14]. **Phaeodaria** [PPC+07]. **Phase**

[Ano06d, CL15, LWS21, SF10, SMP+15, WH98]. **phase-locking** [LWS21]. **Phased** [FVSRR14]. **phases** [FCW+15, NED09, STN+06]. **Phenology** [SAB08, DSC+19, NHCL14]. **phenomena** [BAC+02, BVGE+06]. **phenotype** [RHL+16]. **phenotypic** [Vri09]. **Philippine** [ODH+07, WPD22, YXZ+22]. **Philippines** [BRCFP23]. **phocid** [BZMC20]. **Phoebastria** [PWB+06]. **phosphatase** [KN97]. **phosphate** [DVS+97, FSK+05, GRSW00, LAW+05, PZK+05, RLD+15, Thi05]. **phosphate-addition** [FSK+05]. **phosphatic** [FSCC07]. **Phosphogenetic** [FSCC07]. **phospholipid** [EPPR09]. **phospholipid-derived** [EPPR09]. **Phosphoria** [PPR07]. **phosphorite** [WC07a]. **phosphorus** [BN05, DSD12, DJR+01, KBD+01, KWH+05, LGC+12, PBNF+16, RJWD01, WR15, YOI+09]. **photic** [SBA+20]. **photo** [Ano01b, LCT+07b]. **photo-adaptation** [LCT+07b]. **photoacclimation** [Arm06]. **Photoadaptation** [FM99]. **photoautotrophic** [YÇYTKB06]. **photochemistry** [BML+06, Hat02b]. **photodegradation** [CMC+02]. **photographic** [JLAD95, SBG+03]. **Photoidea** [BVL04]. **photophysiology** [DSB+18, MSH+07]. **photoproduction** [SUL+06]. **photoreduction** [ÖCB+04]. **Photosynthesis** [LAF+02, SFB16, TLR+00, Arm06, ER05, KKH+02, LBB95, SFR+06]. **Photosynthesis-irradiance** [TLR+00]. **Photosynthetic** [BGWF08, Pee97, SMM+06, AHGCNM+04, BA01, CAGL13, GdRGH+14, KFK06, LLB+00, LDWK96, SHH03, SSI+09, VSGM03a, VSGM03b]. **photosynthetically** [DNA97]. **phototaxis** [YLU+14]. **phototaxis-induced** [YLU+14]. **phototrophic** [DMC+01]. **Phototrophs** [TŠŠ+19]. **Phycoerythrin** [CP03, SW01, WLC99]. **Phycoerythrin-containing** [CP03, SW01, WLC99]. **Phyllocarida** [HRS+23]. **Phyllodocida** [RRT+17, SRAL+17]. **Phylogenetic** [RDV+09, BCNS15, CNM17, FB14, MCLP04, QED+14, STB+17]. **phylogeny** [BV04, CRT+00, HSS+18, MCLP04, VPdP06]. **Phylogeography** [GWDP11, KMA+18, UFAK06]. **phylum** [MA13]. **physalus** [BRG17, ESWL20]. **Physical** [AST+05, ASB+02, ARF+13, BB09, BH15, BND+04, CCG04, CBSS02, DS21, DSN+10, DZY+01, DNK+08, DLF+09b, ELB+02, ERR97, EAF+17, HPL+12, HMAW11, HMA20, HCG+01, JCP17, JD08, KRG+01, KND+08, MDB98, MLG+02, NKD+08, PPF+15, PLR02, PGK14, RPB02, RD16, RJGBF02, SMZ+08, SSG14, SLW98, TNS+09, TCH+16, VPP07, VPS97, WCMB06, WRZ+19, WCH05, WB96, ANS+11, AM02, BSG+11, BH14, BKP+20, BDL+22, BL99, BLSW05, BNM08, BvWR+20, Blu01, BCW03, BT98, CRF04, CBF01, CM03, CPC+03, Dan95, DPK+14, DP99, Dia04, DMS+98, DGN96, DLL+15, DGR19, Eck94, ESA+09, ECD+17, FDP+14, FC01, FHW06, Gre01, HNW+08, HV98, HLC+16, HKMS03, HBM+07, HPM02, HAD19, IBB+02, JCD+03, Joh19, KSBK01, LWLS98, LDG94, LL14, LCL+10, MPH+95, MGR+03a, MSI+08, MALT05, MGH+16, MKS+20]. **physical** [MAB+01, MSS15, MMC11a, MFE+02, PWTH15, PVK+20,

PMJ20, PRA+95, RP17, RTM+20, RGS+15, SM00, SRC98, SBK08, SKGD14, SKSW02, SKM+08, SMSA05, SLP+17, TSWJ12, TLMT97, VGZ+19, VCG+20, WW99, WCH+93, WGR+95, WPJW96, WBBM01, WMC06, WAW05b, ZWK+15, ZXH+13, ZTZ09, Zim19, dCHdOF+18].
**physical-biogeochemical** [LCL+10]. **Physical-biological** [WB96, Eck94, TLMT97]. **Physical-chemical** [HMA20].
**physical/biogeochemical/radiative** [Gre01]. **Physically** [Bor01, Thi98, VT01]. **Physico** [MNG+11, GCR+02]. **physico-chemical** [GCR+02]. **Physico-ecobiogeochemistry** [MNG+11]. **Physics** [McP08, SBB+19, FdBGP11, Hin09, MAR+15, SS02, SFK+12, SBvdL+02, TBB+14].
**physiological** [CKL03, NOFP14, Pon07, ROC+21, VSD+97]. **physiology** [ELP13, SSI+09]. **phytobenthic** [CB97]. **Phytodetritus** [BS98, SHD+96, GRD+08, PSK00a, SMD08]. **Phytopigments** [FBBW+10, SWBKK10]. **Phytoplankton** [ADS+02, AHGCNM+04, APB+09, APP+14, BH99b, CD99, CVF11, CBS+96, CWTJ03, DOC01, FMO02, FHYI03, GBH+01, GSMB01, GCI+01, GGSC03, HWTP07, HMH+02, HHX+10, KLM+02, KNN+06, LST+11, LS14a, LWDH06, LJL+12, LBB95, LB98b, MPG+97, MBHN02, MSK+06, MJW+06, MSJ+06, MAB+01, MAT+12, MNV+20, MSH+07, MMMC07, NGS+15, NCE+23, OS02, PHH+06, PMS+07, PZK+05, RLVF02, RVZ02, SRHP23, SMB+13, SHGB95, SLMP07, SAM+13, SWDB+14, SBC17, SFP+09, TBEW99, VSGM03a, VSGM03b, VPA+20, WCC05, WT14, WvdE00, WvdEP+10, ARNB01, AHML95, AMvD+12, Arm03, ALvD12, ALR+14, BPD+11, BE00, BMGF93, BMCF97, BMC99, BLM+14, BSK+97, BS01, BO96, BCDV02, BA01, BHHM+12, BM07, BLC+02, BTUV08, BES95, BOP95, CTBNL08, CGM+07, CSW+17, CLSS15, CKJ+16, CMBPM04, CBC02, DSB+18, DD95, DDN+04, DRD06, DEL+17, DCA09].
**phytoplankton** [DNR20, DPS+11, DJR+01, DLL+15, DPY14, DKI+00, DB97b, DO96, DFMG01, ESK06, EGL+16, FAS+03a, FAS+03b, FSP+16, FCG+96, FJG+00, FWS94, FPB04, GAL+12, GAL+20, GTTKB14, GSB+23, GVW+19, GdRGH+14, GOGCDB18, GLW+97, HTD00, HOD+09, HVWH09, HTS+09, HDD+11, HS07, HLFP08, HCS05, HALV18, HPY+15, HK08, HWS+98b, HHNK+04, HKO+17, HXC+22, HKY+16, IF95, JMN+15, JS14, JCF+06b, JLR+13, JKP+17, JZ93, JPZ93, JCPC09, JLJ+12, JSP+17, KF95, KJL+17, KKH+02, KAHS20, KYI10a, KYI10b, KLJ+16, KMDW01, KHC+09, KUN10, KIN+10, KMO+10, KWW04, KDG+97, KD00, KHL+17, LBMvdB14, LBC+98, LSB+02, LBR+08, LB98a, LSS+11, LPJ+16, LJL+17, LMG93, LDHI93, LL95, LWSZ13, LYN+13, LKL+13, LLH+15, LHZJ13, LL14, LCT+07b, LXS+13, LZZ+16, LBGW97, LAF+02, LLM+02, LLM+03, LvDA14, LPM+15, LG15, LSS+07, LPPK14, MBHP99, MCPA02, MC02, MLG+02, MKT+15].
**phytoplankton** [MTK+18, MNSMN+04, MBL+15, MSS+02, MNPT06, MMT08, MHVM+08, MSTT07, MKS+02, NGS+20, NKF+10, NMK+20, NR06, NL11, NRS14, NSvH+11, NKB95, OCL+08, OHK+02, OE06, OSCS00,

ORFA+14, OS04, ÖCB+04, PSA14, PWD+11, PLT+13, PKW07, PDT+10, PDT+11b, Pee97, PHS+11a, PHS+11b, PHD+11, PVRA07, PW12, PABH07, RJM+15, RMCAR06, RBN+08, RHB+95, RJGBF02, RFLW00, RMK+14, STN+06, SLS+07, SMZ+08, SVC+08, SSI+99, SVD97, SAVP12, SRY04, SBQ+02, SLT+11, SOS01, SYS05, SSW05, SSE+14, SMHB00, SKK+16, SGM+14, SGM+02, SF08, SFB16, SP06, SFW+13, SFZ+13, SSI+09, Sva96, THZ06, TS93, TPW07, TBW+11, TAL+12, TC06, TVLB08, TT01, URDP01, VH99, VFS02, VKGP+11, VPP07, VSC+11, WHF+19, WW04a, WGR+95, WJD+00a, WJD+00b, WDKC00, WLD+06, Wir94, WM99, WC06b, WW04b, Wya14, YOK+10, YOO+10]. **phytoplankton** [YHK15, YOI+09, YLK+15, YKJ+15, ZHD+08, ZOB+96, ZPT+13, ZAC+15, ZXH+13, ZHK+05]. **phytoplankton-derived** [BS01, SP06]. **Phytoplanktonic** [ME02, SLS+10, SWBKK10]. **Pico** [SF10, CAGL13, DB97a, DO96, STF09]. **Pico-** [SF10, CAGL13, DB97a, DO96, STF09]. **picocyanobacteria** [SW01]. **picoeukaryotic** [DHGO23, THZ06]. **Picophytoplankton** [BLB+99, BCO+96, HZL+12, LH01, LIS+02, PvRR18, WDG+02]. **Picoplankton** [RNR20, CP03, HCL+22, LKC96, LCT+07a, LLS+19, MGS+10, ZJH08, ZZX+13, ZZZ+16]. **picture** [MCH+13, SSUB15]. **Picturing** [HSZS17]. **Pigment** [BMGF93, BMCF97, HH93, MTBB00, SMS+08, ABKL96, BE00, BO96, ESK06, FHYI03, GCI+01, GdRGH+14, HTS+09, HPY+15, HS93, MAB+01, MAT+12, OE06, Pee97, RD97, RVZ02, SWDB+14, WDG+02, WvdE00, WvdEP+10, YOO+10, dBC+09]. **Pigmented** [LLS+19]. **pigments** [ALWW04, APB+09, BMC99, CCBL14, DPS+11, DNA97, LB98a, MCPA02, MKT+15, MR08, PLGCL09, PHH+06, RGHN+97, SMLS02, WC06b, WC09, WW04b]. **Piip** [BEZ+22, CSE+22, HRS+23, MG22, MFS+23, RKM+23b, SKS+23]. **pillars** [AHVB+17]. **pilot** [MMG98, TAB+16]. **Pine** [MAT+12, TAL+12]. **Pink** [FMC+20, ABC+05, CBA+05, MBC+09b, SMBL19, WBA+17]. **pinniped** [KRW03]. **pinnipeds** [CRF04, LWB+07]. **Pisces** [LCVV06, TTD13]. **Piscicolidae** [UC13]. **piscivores** [WTT+20]. **piscivorous** [BFSK08, BSR08, BSRM08, LTL+23, RMD+12, SBA18]. **piscivory** [GBP21]. **pitfalls** [BKST13]. **piúna** [KFS+17]. **place** [AAB+97, RDSA+21]. **place-based** [RDSA+21]. **Placopecten** [DVC14, TLW+94]. **plaice** [DKP+14]. **Plain** [GMBL10, KBG+10, LBM10, SWBKK10, Ala15, BPPJ15, BSCE15, CAK15, DJ15, EBGCL08, Gol15, GC15, Kam15, KWPB15, MA15, MMWM00, SA18, SC15, HLL+10, MLP+10, MZH+10, PLS+10, SRDV07]. **plains** [SA15b]. **plane** [Abr19]. **planed** [WCK+18]. **planipes** [RAL04]. **Planktic** [SBL+07, BCWT00, BS21, CB00b, MHG+04, SH00, SWZA02, WMW96]. **planktivores** [WTT+20]. **planktivorous** [BFSK08, OM98]. **Plankton** [AMV+09, ADG+08, BDW+96, BWS+98, BL06, BLS+08, FSK+02, GS06b, LTW+22, LDFS93, MPH+95, NMWH19, PGS14, PBD+02, RlBW99, RWZ+02, SVS93, ZSZ+19, Ano97b, Arm03, ADGA01, AGP05, AMTE09, BLSW05, BC05, BOHW22, BKY+17, CAGL13, CMV+20, CD20, DGMS96,

DPS+14, DSN+20, EB01, FPHH+09, FSG02, FG97, FC09, GDE+96, GOD+01, GSW+09, HAH+01, HWCT08, HNCW23, IGN+10, IHI+97, JCF+06a, JWS01, KBL01, KM98, LLR+06, LCD01, LW04, MY99, MP99, MBd05, OC00, PP93, PAVGBG02, PTD+14, PDE+16, STK02, SMV+03, SHI06, SPSM23, SFR+06, SRF+09a, SBB+19, TBB+11, VSD+97, VSV+97, WBM96, WMS+96, WBBM01, WBML06, YWI+02, PTD+14]. **Planktonic** [ABB+01, BHC+01, CSGC03b, HSH+13, Hus16, KTL+00, Ang10, AKHR+20, DP02, HSY08, JBOH10, KKNH02, LH07, MBH+96, MBC+09a, OT03, Qué13, QLU09, RVJG+02, RVJG+05, RJDR06, RPJ+06, SDMS06, WLZ+19, dLC+14]. **plant** [YERT13]. **Plastic** [FEB+15, HKY+13]. **plasticity** [NSvH+11, Vri09]. **Plata** [RDdL+13]. **Plate** [LRL+22]. **Plateau** [BSL08a, BQT08, Di 10, MAR+17, VPP07, ZLJ08, vBBR+08, BBE+13, Har11, NHD11, ACQ+08, ACBMQ08, BvWR+20, COV+08, JDS+08, JBM+08, MWK+20, MMT08, NMN+17, PFDG08, PRDF08, PVRA07, PMS+07, SMS+07, SLMP07, SCSMT20, VPSL15, WWHT20, ZDW+20]. **plateaus** [MGT+20]. **platessoides** [DKP+14]. **Platform** [SWB+18, WKM+07a, AML+19, KJB+08, TFP+16]. **platforms** [Fed13, HMGD17, TWL+15]. **Plausible** [WCJ+11]. **Pleistocene** [AKI+16, CRM+16, FS07, Hus16, IKR+12, KOS+16, KKT16, Led93, MA05, PDBH03, TRO16, Zar16]. **Pleuragramma** [OMG+11]. **Pleurobrachia** [MCCM+98]. **Pleuroncodes** [RAL04]. **Pleuronectiformes** [TTD13]. **Plio** [BCA+03]. **Plio-Quaternary** [BCA+03]. **Pliocardiinae** [LVJC17]. **Pliocene** [FSG02, Hus16, KOS+16, KKT16, LW15, TRO16, YK16]. **plume** [DWHM06, KCMA05, KCA05, SP19a, VT09, ZPG14, ZA16, HTML98]. **plume-associated** [ZA16]. **plumes** [CBB+98, FBL+98, GOH+15, JBS+98, KLLO98, LAPL+16, MMHB98, MBF+98, OS04, Phi17, PSWF19, TH99]. **PlumEx** [GJC98, SMY+98]. **plunderfishes** [LCVV06]. **plunge** [YKN07]. **plutonium** [HAP03, HPK+97, LGP+03]. **Po** [**?**]Chen:2021:DIP,Verdeny:2009:PEO. **POC** [AT10, ALH+01, BDWG02, BHMK08, BCS99, CBB+00, DP07, FS02, GMR06, GGRW98, LCL+09, MGR03b, ME02, MKH+05, VMGO+09]. **pockmark** [BNP+09, CBNR+09, OCG+09]. **pockmarks** [CSG+15, GPBV+07]. **pod** [OMAA18]. **pod-specific** [OMAA18]. **POGO** [TSDG13]. **point** [Osc01, CPM+18, CGR+00, RA98, VLK06]. **points** [HIA+16, MPH+16]. **poisoning** [ACK+14, BMH05, DCD+14, KAM+14]. **Polar** [ARLB00, ARNB01, AS02a, AF01, BCVCHW04, BVB14a, BVB+14b, BHJ+14, CSW+17, CSP05, DURP03, DO01, DLB02, DSJ+11, GSK02, HPM02, JSSW14, LSB+02, MEB+23, MAB+01, MLBB14, PH17, PRMM+17, RTB02, RPZ+14, RFB97, SM00, SLA+01, SKMDR02, SGB+02, SBvdL+02, SWGPK17, SLB13b, TPS+15, URDP01, WMA11, WZB+14, vFvdBB+02, vdLBB+02, CSS+22b, EGOO22, Fed13, JLTD11, JMN+15, NGS+20, ODR+09, PBB+13, RBJW16, SJD+11, TWA+12, TPW+16, TRHA01, TTL+16, WF13, BGDT11, BL01b, CEG+11, CHR97, DPS+11, ETDB11, FGW02, FS07, FBCN00,

JDD+11, KMD+01, LBR+11, RGTV97, SHB14, TLK+02, WGWW11]. **Polarstern** [FdBGP11, Kyt02b, Kyt02c, RSD+97, SDB+97, SBvdL+02]. **Poleward** [SHKW05, KLM13, PSK+00b]. **Pollock** [WWN+22, BCBB12, Blo02, BWC+02, BOKA16, CBSS02, CP02, DABF+16, EZB+20, EBG+22, EMB+22, GEP+16, GBP21, HSFN13, HPH+16, JHHK14, LSWH07, MES+23, MZH16, PHH+16, SHN+07, SHM13, SNS+16, SDAH+12, SSDA13, SCD+22, SHPM14, WCS07]. **pollutant** [PP95]. **pollutants** [dJMTGG11]. **Pollution** [LCW+07, CMP14, FEB+15, GGM+16, KKSA19]. **polybrominated** [CHW+12]. **Polychaeta** [Ala15, KEA+17, MHC+10, QRE+17, RRT+17, SE07, STB+17, VHM17, WS11]. **Polychaete** [Ala15, CBMM15, QNL+16, SBP13, Ala22, CDM23, DCH04, PWCL98, SPB+10]. **Polychaete-parasitizing** [CBMM15]. **Polychaetes** [Hil04, Ala13, Ala18, GLMB18, LG00, LZM+13, NRSL17, PGF+09, WPSB11]. **Polychaetous** [OBKA17]. **Polycyclic** [HTPM14, HT17, LTS+97, WSS+08]. **polycystine** [WPJW96]. **Polymer** [VS10]. **polymetallic** [AS01a, SSI19, TTU01]. **Polymorphism** [EGOO22, EBG+22, MN10]. **polymorphisms** [BLBW+11, XSL+17]. **polynoid** [GLMB18]. **Polynoidae** [STB+17]. **Polynya** [CCK+16, DFF02, HKY+16, KCY+16, CKJ+16, JLY+16, LLK+16, LPJ+16, TLP+12, WZW+22, HBBD03]. **Polynyas** [TAL+12, ALvD12, MAT+12, WBA03]. **polysaccharide** [AZYT16, LZS+18]. **polysaccharides** [KMD+01]. **polyunsaturated** [Kha18]. **POM** [BHMC05, GK02, PMJW10, SBN+15]. **Pompeii** [DCA+98]. **pompejana** [DCA+98]. **pond** [PSA14]. **Pontinus** [CSM13b]. **pool** [KNG02, KIY+05, LBD+02, SYT+10, VDS+20, WJS+10, BLG15, GdRGH+14]. **pools** [YOI+09]. **poor** [GEP+16]. **Poorly** [HB19, FM13, HBV19, HBVG20, HBVG22]. **pop** [CFK15, WCK+18]. **pop-up** [CFK15, WCK+18]. **Population** [BLBW+11, BTFB12, BTM+98, DHST13, KYI10b, LMLJ18, NKK+00, RCCP13, TTD13, WMW+20, WT12, WZ14, YOO+10, BTC13, BK96b, BAD+14, BSR08, CWSH20, CMH09, CRBK03, DKT+01, DQC14, DOC01, EGMB13, EBM+18, ESAG10, HRG+16, HZL94, JLB+99, KAM+20, KL03, LMDW06, MDTS11a, MWK+20, MGJ+18, PJLO+17, QRE+17, RJB+04, RFF+02, SGI+19, SW08, SN00, WLT20, XSL+17]. **populations** [BW04, CFGR07, CLL+03, CRT+00, EWBW99, FVSRR14, FG07, GDD+09, KCMA05, KCA05, KRW03, LKC96, LB98a, MTK05, MALT05, PHD+11, PKA05, RHZ+03, SH00, SLHS20, SBSW07, SMB+18, TSP+18, TSSR20, TLP+19, WBBM01, WBML06, YNG+16]. **Porcupine** [SKdS+14, BRG17, GMBL10, HLL+10, KBG+10, LBM10, MLP+10, MZH+10, PLS+10, RRL+14, SWBKK10]. **Pore** [GRSW00, HKR+01, SHM+07, WKM+07a]. **Pore-water** [GRSW00]. **Porewater** [WSB+09, HBT+08]. **Porifera** [GJ11, HRX17, JTT04, JT07]. **porosity** [TGFE02]. **porpoise** [BvGH+17, MOA+18]. **porpoises** [ATM+07]. **PORT** [LGK15, BS03, CRBK03, CKL03, KFG+03, KRW03, KL03, LT03, RHZ+03, SGD+03]. **portal** [GDC11]. **Portimao** [BVGE+06]. **portion** [GGAMV+23, SHY+08]. **portrait** [EMB+22]. **Portugal**

[CGPM13, PGPI+13, MT11, MTMH11]. **Portuguese** [GdSP11, CPA+11, GSdS+14, KBI+11, SMR+06, dSJB+11]. **Portunidae** [VAM97]. **POSEIDON** [BSS+02, KTP+20a, KTP+20b, MMXS02, KFH01, SMS03]. **position** [BCNS15, CCM+20, CNOC13, KME18, LGP+15, NRH+06]. **positioning** [MMM+13, PKZ+19]. **positions** [RCKCK07]. **Possible** [BL06, CKB+07, GEP+16, KSBK01, BW04, BMK05, HS98, JR11, LWS21, MRRG23, OGBF08, PPRHLF02, Rod13, SRY04, SGC03, TMP+19, TD16, WPB11]. **Post** [LB93, MTB09, BE18, GLCU+17, NLSL09, OGG+15, SMV+13]. **Post-eruption** [MTB09, NLSL09]. **post-eruptive** [OGG+15]. **post-flexion** [GLCU+17]. **Post-Miocene** [LB93]. **post-recruit** [SMV+13]. **post-spawning** [BE18]. **postures** [EBG+11]. **Potential** [BMS+18, CKB+07, DMFB19, DFY+23, DWM+15, ETD+11, GRD+08, Gau07, HKY+13, LWJR22, PRORSV+19, XSL+17, ADE22, AELP14, BRCFP23, BTR20, BSN+15, BSH+11, Car01, CEG+11, CDRB16, CPEN08, DURP03, DJS+08, DWW+02, FJR+20, GSC+19, GPK02, HK07, HMHY11, HCRX16, HPS+11, JEK+15, Kla97, KLM+02, KN97, LMG93, LFC16, MBG18, MBC+09b, NSMBN08, OWD13, OT03, PPYN15, Pas18, SD06b, SRH+11, SGC03, SSP+09, SMB+18, TBSP+18, WGST08, ZSKL19, ZdBB+07]. **power** [MGK19]. **practices** [BC08]. **Prakash** [HBC+22]. **Prasinophyceae** [TB98]. **Pre** [NLSL09, DG18, GLCU+17]. **Pre-** [NLSL09, GLCU+17]. **pre-monsoon** [DG18]. **precautionary** [HWN+04]. **precipitation** [KWF+19, SDL22, SMH+11]. **Precision** [CBB+95, BKY+17, MCH+13, ZDW+20]. **preconditioning** [LGQ99]. **Predation** [FPGH02, LCDS00, DFY+23, DKP+17, GMPSHA+13, LRR+04, MHSV18, NA13, PB13, PHKW10, SSP14]. **predator** [Ano06g, AHB+17, BOKA16, LTL+23, NSBL94, RSWG04, SMA+17, SJST13, STS+15, UKM16, YSMW05, YKO15]. **predator/fisheries** [RSWG04]. **predator/prey** [RSWG04]. **predators** [BHH+14, DLW+17, EAB+20, FJF+11, HAE+15, HAE+17, HWCT08, JNBJ17, LLD+17, LPD+17, LTS+13, MPJ+13, RCF+08, SKR+12, SM96b, SBG+06, VBM97, YHC+15]. **predatory** [ABB+01, MBH+96, NSLAP+17]. **predict** [MBG18, RDL+09, SM12]. **Predictability** [CB16, BFH+23, LK11, WDR05, Wun13, YSWJ16]. **Predictable** [PWB+06, LPA+95]. **predicted** [DLW+17, Jac95a]. **Predicting** [MZD+11, POİ17, RDW+22, SRF+09a, VGD14, VLP+17, WTA+18, BJP+22, DW15b, SSB+07]. **Prediction** [BDBB07, CKY23a, CKY23b, GMCR18, GSM+20, MBd05, PFAZL09, ZWM12]. **predictions** [AHB+17, LVP+17, ZDP+16]. **Predictive** [GGAMV+23, PPM+17, OBWK01]. **predictor** [SAB08]. **Predictors** [HDK08]. **Predominance** [BKS+10]. **Preface** [AJ95, AMTT05, AMD+14, BRLB13, CH19, GML+10, LKP06, MMB06, PNLFS02, PNLF02, PNLFS03, Pov03, RB10, SD08, TJB05, TSZ10, TTL+16, WREC18, Whe97, vHSM04a, Mil94a, Won15, PNLFS03]. **preference**

[CSA+09]. **preferences** [ADK+15, CP05, FRBB10, IUdV+12, LLD+17, LPD+17, LMLC+17, PTS17, SSSN19]. **preferential** [TYBY06]. **Preliminary** [Ala13, BBS+20, CB18, HZYZ10, KM15, LAÁ+14, LH06, TPP+20, BCA+03, FDR+18, HSC+07, NCK+22]. **Preparing** [RDL+09]. **prerequisites** [TY98]. **presence** [Blu93, GdRGH+14, MGJ+18, ÖCB+04, SMB+18, VGD14]. **presence-background** [VGD14]. **present** [BHS+10, HTTS12, HHMF11, Kos01, Sig17, WYOS18]. **Preservation** [STR+14, GRD+08, HZWW16, ID19, ILWH03, ZB00]. **preserved** [ACQ+08, SSAF02]. **pressure** [AFC+17, BCM02, Dan95, KRF01, LMG93, LAPL+16, OACA19, PW05, TGRB02, TGG+09, TY98, ŽSN+18, BY09]. **pressures** [CG07, TS13]. **Prestige** [CMP14]. **presumed** [NDD+14]. **Prevalent** [AHVB+17]. **previous** [EMG+15]. **Prey** [HDJP05, Ant10, BWC+02, BD06, BOKA16, CSA+09, CBK+07, CBA+05, EHK+20, FRH+98, KY17, KIM08, LTL+23, LTS+13, NYH+20, NSBL94, RSWG04, SMA+17, SKR+12, SVJ+08, SLLT10, STS+15, UKM16, ZFP+16]. **prey-predator** [LTL+23]. **preying** [GMD07]. **Pribilof** [BSR08, BSRM08, CRJ+08, CBSS02, FSK+02, HSSN08, JVDH08, Loh08, Mac08, MSMS08, MiSW08, PC08, RMD+12, SVJ+08, SKM+08, SKMS08]. **primarily** [OUJ+19]. **Primary** [BSL+96, BMB+01, CMT93, DNH+02, EBB+08, HMS+03, IHSS+10, KDG+97, KNC+09, LRV+02, MSJ+06, MPH+22, MBK08, OMS06, PMG+22, SCM+02, SHF+95, SGW+00, TAMTC+13, VMBS03, VMI+08, VSV+97, WGMW10, WGWW11, AHGCNM+04, Ano97c, AvD04, BRSlW95, BGKB06, CFS+06, CMG+11, CC03, DSB+18, DS21, DSC+01, FME+09, FRW00, FDM+97, GSMB01, GWWL03, Gra09, HC05, HKO+17, HNRGL06, INTS02, JEK+15, JBS+13, JDL+12, JPSB93, JSP+17, KCD+96, KNB11, KN05, LUV99, LLB+00, LMM+97, LMvDA16, LCT+07b, LCL+10, LZZ+16, LMC+12, LAF+02, LFHM97, MGR+03a, MDH+98, MFG+93, ML20, MAA+04, MAA+05, MLK+12, MBP09, NED09, OBWK01, OBM+93, PFC19, PC00, RCF+16, SBM16, SG99, SWO+01, SMHB00, SGB+02, SGP+02, SLB+15, Sva96, TSPH09, TPS+15, UWvdE+16, VFS02, VSSN96, VRL+02, WPG+07, WCRG95, WDM+05, WSL07, WAK+12, WCH05]. **primary** [WMM02, WWC+99, YKSI19, vRPD+18]. **PRIME** [SlBW01, WH01b, WPAP01, KFHR05, vHHH+11]. **PRIMI** [TAB+16]. **primitive** [TB98]. **Primnoa** [AELP14]. **Primnoella** [PB13]. **Primnoidae** [AL14]. **Prince** [Cam18, CBA+05, FPGH02, GKR+18, GFPM02, HPM02, LB18, LMH+18, MC18b, MOA+18, SNMH18]. **princeps** [CGD+15]. **principal** [WDMEL01]. **prions** [vFvdBB+02]. **prior** [YK16]. **Priorities** [MSvL17]. **prioritisation** [AH17]. **prioritization** [DLW+17]. **probability** [Pap05b]. **Probable** [LPMS09]. **probe** [MGT16]. **probes** [AKK+05, BFK+14]. **Probing** [TVLB08]. **Problem** [IPLCHRMR19, BKS+16, HZL94]. **problems** [Joh19]. **procedures** [SS05a, SS05b]. **Proceedings** [MDLvW14, Ano07c, HD07, PTP09]. **Process**

[LMB+98, MCG+98, MJG95, SMBM99, BKM07, BJP+22, CFKS05, CFS09, CMC+02, LBM10]. **process-based** [BJP+22]. **process-oriented** [BKM07]. **Processes** [Ano05c, BN05, BCM02, CMRL11, GHGMI05, HB03, KMLT06, LL00, MKVT+04, PVT+21, RMC+08, RH94, WMM02, AGL+19, AGN+02, AM02, BFL+20, BB09, BGOL01, Bis94, BFF94, BASLK04, BE09, BEB11, BW14, CWSH20, CMG+12, CCS+16, CL09, DRD06, DBD03, DDB+17, DCR94, Dia04, DBDT03, DFK+06, DGS+05, DJC+14, ES04, EWA+03a, EWA+03b, FGH+13a, GBH+01, GSMB01, Gar04, GBP00, GF07, Gre04, HKR+01, HRM+06, HDF+01, HSO04, HSM+01a, Hin09, IBB+02, KM05a, KWA+20, KHL+15, KMO09, KSB+03, LWLS98, LBM+17, LBD+22, Lin16, LL14, LPSS03, Liv95, LSA14, LWGS00, MC05, MSK+06, MJW+06, MSJ+06, MMS+16, MHdS+11, MBS+13, MGH+16, MSGO18, NTA+10, OHT12, OGBF08, OBH+19, OAH+16, OGG+20, PTD+17, PMJ20, PN93, RÇG18, SCM+02, SSG14, SIS+02, SRF95, SKM01, STM04a, STM04b, SBD+97, SNFK20, SDMS06]. **processes** [SWGPK17, SD22, TSZT13, TKF16, TAB+05, UIS+03, WPD22, WDD+22, WCH05, ZTZ09, vFvdBB+02, vHSM04b]. **processes-induced** [WDD+22]. **processing** [BFM+14, CLPL+09]. **Prochaetoderma** [SI09]. **Prochaetodermatidae** [SI09]. **Prochlorococcus** [JLB+99, LCL+98]. **produced** [OCL+08, OBRJ01]. **producer** [OMS06]. **producers** [NED09]. **producing** [JS14, MFH04]. **Product** [Ano99n, MDI+12]. **Production** [CB97, CK03, CWdE99, DOB+01, HTS+09, PDE+16, AHGCNM+04, Ano97c, AvD04, AMN+02b, AM02, AMK+05, BTB+08, BLSW05, BBH05, BH99a, BDO00, BCDV02, BFML+08, BRSlW95, BGKB06, BZvHH00, BBV00, BLB+99, BLC+02, BBD+03, BT15, CRD01, CFS+06, CEG+11, CC03, Che03, CCW+08, CCZ+21, CMT93, CCK+16, CMB12, CJM+22, DSB+18, DS21, DCL+09, DCA09, DSO+97, DBN+11, DO01, DCK01, Duc93, DDK+00, DWHM06, DCF+11, DSJ+11, EBB+08, ECS+17, FAS+03a, FAS+03b, FME+09, FRW00, FPB04, GSMB01, GWR93, GBP00, GSW+09, GSGS01, GWWL03, GVD+97, GLW+97, Gra09, GCB04, GFW07, Hat02a, dlTGCAB+03, HGAB04, HC05, HALV18, HDCM95, HK10, HKO+17, HdBB+02, HNRGL06, HRG+16, HKY+16, IIM02, JLTD11, JDL+12, JWC+01, JSP+17, JAM+14, KCD+96, KNG02, KPPL00, KKK+17, KRB95, KHC+09, KLM+02, KEPZ93, KNB11]. **production** [KLD21, KDG+97, KC00, LUV99, LST+11, LHD+22, LLB+00, LQF+02, LPJ+16, LMM+97, LMvDA16, LDHI93, LZS+18, LCL+98, LKH+07, LCT+07b, LZZ+16, LBGW97, LRV+02, LMC+12, LAF+02, LFHM97, MDH+98, MDH08, MFG+93, MC02, MBHB09, MBK08, MGNB96, MPC99, MNB02, ML20, ME02, MBP09, MCL+12, MQD06, MLS+15, NISG05, NL11, NW01, NPA+22, OBWK01, Osc01, OBM+93, PAVGBG02, PFC19, PC00, PC08, PCAS05, PKZ93, PMG+22, PDS00, PGK14, QB02, RBJW16, RGS+97, RHD+18, RlBW99, RSW+00, RAL+01, RCF+16, RPJ+06, SCM+02, SM00, Sam01, SMV+03, SMS+07, SHGB95, SG99, SLT+11, SFW08, SFR+06, SRF+09a, SBSH99, SGC03, SRF95, SWO+01, SNS+16,

SNB02, SSP+06, SR08b, SKK+16, SBH+02, SVS+20, SMG+07, SD96, SZS+07, SAB+07, SGB+02, SGP+02, SFB16, SNW08, Sva96, SHC+00, TAMTC+13, TGRB02, TSPH09, TGFP02, TLK+02]. **production** [VFS02, VSSN96, VRL+02, VMI+08, VSV+97, WPG+07, WCRG95, WDM+05, WCMB06, WB01, WT12, WGWW11, WAK+12, WWN+02, YOO+10, YÇYTKB06, Zel01, ZXLL10, ZJA16, ZT00, Zon07, MPH+22]. **productive** [AE02, CAMA+02, HPS+13, JSP+17, KCY+16, MAA+04, MAA+05, SSE+14]. **Productivity** [Ake19, FLMF07, JZ93, JPZ93, OTA+05, ZTZB09, AMN+02a, AMvD+12, BRG+19, BSL+96, BMB+01, BBE+13, BLD+06, BVB+14b, Car07, Car01, CMG+11, CHH19, DNH+02, DPS+11, DSC+01, DC96, FL02, FDM+97, GMR+05, GVW+19, GNHS05, HdVGHM02, HMS+03, HHNK+04, INTS02, IHSS+10, IMP+02, JRJ+22, JEK+15, JBS+13, JPSB93, KBL01, KT05, KWW+12, KLKB95, KD00, KNC+09, KRG+01, KN05, LLR+06, LJL+12, LGVK+14, LCL+10, LAT+18, MPH+95, MPG+97, MGR+03a, MSJ+06, MAA+04, MAA+05, MLK+12, MBT97, NFD+02, NZT97, PPA10, PGC+11, PG07, RBB+97, SMZ+08, SBM16, SHF+95, SLMP07, SMHB00, SBH+02, SGW+00, SLB+15, TPS+15, UWvdE+16, VMBS03, VAMPR+17, WSL07, WMW96, WGMW10, WCH05, WMM02, WDKC00, WWC+99, WM99, YKSI19, YKJ+15, vRPD+18]. **products** [AGGdC14, GF07, SHH03, bsBD+20]. **Prof.** [MLB+10]. **Professor** [EG96]. **profile** [GMK+08, KK20, TR02]. **Profiler** [SHY+08, BMM+99, HVBO08, LDHO+14, TSDG13]. **profiles** [BHB+07, DPS+14, DPY14, DM16b, Eif05, HKR+01, HBT+08, JW05b, PTD+14, SE95, SHM+07, SIFS10, ULH+21, YKS03, JW05a]. **profiling** [BS05, BS06, CWS+23, GLK+06a, HB03, KOR06, PNVJ13]. **profunda** [LZS+18]. **profundorum** [BCNS15]. **prognosis** [MSvL17]. **prognostic** [CBF01, FC01]. **Program** [Ano14, CRR01, DTJ+14, DB16, RK08, SA03, Urb20, ZDO19, BRPI02, BAH+95, Eck94, FH09, HWCT04, KL96a, LBL08, Mar02, MK96, MH02, NLDJ14, POA+16, TIKS03, WPW+14, Zim19, Ano06f, Bau02, Beg18, VBF+02]. **programmable** [BTLC98]. **programme** [BMML06, CA06b, LFM02, PH19, PBB+13, RHJ06, RPH+06, RHJL09]. **programs** [BNM08, FK98, PSK+14, SH02]. **Progress** [CB09b, HTK+10, HLA+06, Ano22o, BMR+14, MSvL17, Pra04]. **progression** [NBSF01]. **progressive** [HAC+14]. **Project** [Ano06d, FSP+16, GBB+17, HS13, LS14b, VNA+16, BTD11, CW09, Ell93, FSM93, MFH04, MSV18, PIP+02, PBB+13, ROB+17, RBDO17, RTM+20, RT20, SRS+15, SWO+01, SMD08, TAB+16, ZDBG05, Ano05b, DKSF01, GH05, GHS09, MF93b, NL11]. **Projected** [AJP+22, BLG15, HGB+16, HKC+21, RHPR15, WOS12]. **projection** [MCSF15, QQJ+21]. **projections** [MAH+12, PCH+22, TdFAL19, WYOS18]. **Prokaryoplankton** [HZT+06]. **Prokaryote** [DCL+09]. **prokaryotes** [Kel10, RDV+09, SIFS10]. **Prokaryotic** [PAVGBG02, LLS+19, RGH+24, VGBGPA02]. **proliferation** [PSA14].

**prolonged** [BY09, MCM+14]. **prominent** [PKZ+19]. **promotes** [BWL01, HDR+11]. **promotion** [Rai14]. **Pronounced** [FS07]. **proof** [MST+14]. **propagating** [CK10, JWO+09, JR15, MRC05, SYT+10]. **propagation** [ADBW16, BHAL13, RSS01]. **propagules** [BSH+11]. **Properties** [CCM15, SRF09b, TMT+11, Bat01, BCBF03, BFH+11, CDA98, Cok16, CMB02, CP05, DMS+98, Ell93, ESA+09, FWM+11, GCR+02, GLSK+17, GCJ+00, GHM02, HNW+08, HBP+14, HPL+12, HSM+01a, HLFP08, HAD19, IBD10, JKJ+22, KLK+15, KC03, KOLA+18, KGdC+18, KHB+04, KFS+10, LL95, MFN+02, MGC+01, MFE+02, NFD+02, NRS14, OMG+11, PVK+20, PEC+04, PPRHLF02, PTA+99, PPF+15, RTFB09, SSI+99, SOS01, SHFM01, SK02, SN04, THT11, VTD+20, WW99, WF99, WTSP07, ZWK+15]. **property** [DCN+02]. **proportions** [CFL+16]. **proposed** [BMML06]. **prospects** [HLA+06, LVP15, PDC+21]. **Protanais** [BPKJ15]. **Protandric** [TMBTS09]. **Protected** [BJK+22, DKC+17, GASGB+14, LVP+17, MXC15]. **protection** [MGT+20, Thi01]. **protects** [PTM+16]. **protein** [RJP18, SKK+16, ZA16]. **proteins** [CDT11]. **proteolytic** [TB97]. **protist** [GBBS00]. **Protista** [dSG09a]. **Protistan** [TBSP+18, dSEDW11, DSN+10, WvdEM00]. **protists** [ANL13, BCN+16, GCKC07, LLM+02, LLM+03, PLT+13, PDT+10, PDT+11b, SSF97, VGBGPA02, VBC+95]. **protobranch** [SW09]. **Protoceratium** [dSVC+14]. **protocol** [BCN+17]. **protocols** [CM99b]. **Protozoa** [STFL+13]. **Protozooplankton** [Fro04, LCDS00]. **Protracted** [ARLA03]. **Provenance** [ATN+12, SHWW22]. **provide** [DCC+13, GPCC+17, Mit96]. **Province** [LDBvdB17, VSR+10, CMVS+10, DCC+17, MTR+10, NCT13, RVD+10, SC10, TAC+17]. **provinces** [HZT+06, LH01, Wat09, ZJH08]. **proxies** [AELP14, KT05, MFN+02, PPR07]. **proximal** [SRB+11]. **proximate** [YLK+15]. **proximity** [Car10, QNL+16]. **proxy** [DJS+08, PS05]. **Pruning** [RBS17a]. **Prydz** [CCZ+21, HWTN22, JCP+22, LCL+22, MMTT+20, MLH+22, RHPC+19, SRS+20, VJP+10]. **Prymnesiophyte** [EWBW99]. **Pseudo** [BV04, DRVVS+14, FHR+14, SZM10]. **Pseudo-nitzschia** [DRVVS+14, FHR+14, SZM10]. **Pseudocalanus** [BDR16, BGMH01, CDRB16, HK10, UFAK06]. **pseudococculinid** [YERT13]. **Pseudohongiella** [XZW+19]. **Psolidae** [MP17]. **PSP** [DPS+14, DTP+05, PTD+14, TDKA05]. **Psychropotes** [GRB+17]. **pteropod** [BJF16, BDW+96, PTM+16]. **Pteropoda** [JBOH10]. **Pteropods** [TMW+05, HRM+11]. **pterotum** [WL20]. **Pu** [HA03, LLLP+03, MPS+03, PFG+03]. **public** [SRS+15]. **published** [MK19]. **Publisher** [Ano03a, Ano03b]. **PUCK** [VKGQ+09]. **Puerto** [BFB+18, DAB+18, KBR18, LS18, RKB18, SLB18, SWL+18]. **pulse** [ZJA16]. **Pulsed** [YNG+16]. **Pulses** [MSGO18, BCT21, RBH+20]. **Pump** [SWGPK17, ACFS02, Ber07, BL08, DLR+01, DP07, DBN+11, GCRW95, HBC+23, HIN+02, LR97, LBD+02, LCL+09]. **pumping** [CK10, TRM+15].

**pumping/advection** [CK10]. **pumps** [GRC+03]. **purse** [JMP+19]. **purse-seine** [JMP+19]. **pursuit** [KLM13]. **Putting** [RAF+11]. **PV** [MDM+13]. **pycnocline** [HHP04, RNP93]. **Pycnogonida** [ASMM11]. **Pycnophyes** [AM15]. **Pygmy** [MGJ+18]. **Pygoscelis** [CHPF10, CWEHT22, NCR+08]. **pyrite** [Sch07]. **pyrolysis** [ÇYFB+06]. **Pyrophaeophorbide** [BBDL98]. **Pyrophaeophorbide-** [BBDL98]. **pyrosequencing** [XGL15].

**Quality** [DIM+12, ERB+99, MBB+02, MFH04]. **Quang** [NCT13]. **Quantification** [BSG+02, FHW06, MMY+20, SM96a, YLBdR03, GRSW00]. **quantify** [LWSA08]. **Quantifying** [BGS+08, GDC11, HHD+09, RG13, SSP14]. **Quantitative** [GKB+18, KUT+20, SLHS20, ALH+01, EPK+10, WSL07, YFL+23]. **quantities** [Ano05e, BU05]. **quantity** [NM18]. **quantum** [MTBB00, SS01, VMBS03]. **quartz** [NAT+12]. **Quasi** [GGLP02, MV19, RSSM19, ST13, CFR+14, KC03, PPRL02, RG93]. **Quasi-biennial** [MV19]. **Quasi-biweekly** [RSSM19]. **Quasi-geostrophic** [GGLP02]. **Quasi-Lagrangian** [ST13]. **quasi-national** [DAN23]. **quasi-neutral** [KC03]. **quasi-stationary** [CFR+14]. **quasi-synoptic** [PPRL02, RG93]. **Quaternary** [BW99a, BCA+03, Die07, EWA+03a, KT05, MT15, MPC99, OTK+05, OTA+05, SLB+15, TT05, CSS+02, WSL07, EWA+03b, MAK+16]. **Queen** [WWB04]. **Quick** [LCW+07]. **quiescence** [GSB+03]. **QuikSCAT** [OCKA+11]. **quotas** [TBB+11].

**R** [SLM98, CP22, CPM+18, RAB+17, Ste13]. **R.V.** [RSD+97, SDB+97, SBvdL+02, dLWFB08]. **R/V** [CP22, CPM+18, RAB+17, Ste13]. **Ra** [KLKB95, KL96c, RKS+95, SSR96]. **Ra-derived** [KLKB95]. **race** [PST+05]. **radar** [HZW+23, KL06, PCT18, SLP+09, SP09, YSWJ16]. **radar-derived** [KL06, SP09]. **RADARSAT** [OCKA+11]. **RADARSAT-1** [OCKA+11]. **radials** [SP09]. **radiance** [BY04, WGR+95]. **radiances** [HS93]. **Radiant** [PLRV22]. **radiation** [BCG04, JMW+20, PPRHLF02, VTA+11, WW04a]. **radiative** [Gre01, MHA+15, SN04]. **radio** [MML07, TPP+20]. **radio-tracing** [TPP+20]. **radioactivity** [Liv95]. **Radiocarbon** [DBJ97, SR08a, BDW+98, BA10, BWD20, DGB+98, KMS+02, MDB98]. **Radiocarbon-derived** [SR08a]. **radioisotope** [HWS+07]. **radiolaria** [WPJW96]. **radiolarian** [ITT12, IOTS16, IUdV+12, IKR+12, MA05, OTK+05, PPC+07, TT05]. **Radiolarians** [AN05, AN06, OTOH05, YTF02]. **radiometer** [FRW00, LCW+07, PMLM+02]. **Radionuclide** [SE95, Ano96f, CHL+95, CG18, PLS+03]. **radionuclides** [Aar03, BDM+03, HPK+97, IPTH03, MHK+03, PDG+03, SEN+95, Tho97]. **radiotracer** [VMGO+09]. **Radium** [CGM+07, vBBR+08, KM05a, SDLZ13].

**RAFOS** [CMRI13, GMCR18, PR05, RG03, SRBR05]. **rafted** [CLGM05, DF16, Heb00, SIA+05]. **Rain** [MLR07, BAD+97, Mun07, RLPF07]. **rainfall** [KVL+19]. **raised** [YKN07]. **Rajidae** [WST15]. **ramea** [OGJ+19]. **range** [ATI+23, CFK15, CLC+03, FJR+20, NOFP14, PC98, SSP+09, SHC+22, SBE+99]. **ranging** [BTLC98, DFMW13]. **Rapid** [DGMS96, LPA+95, LB14, OCL+08, PDSS96, STP+16, ZFA+02, BZMC20, CLGM05, EHK+20, KMMS18, SP06, WPB+16]. **rapidly** [AHV+17, LDG+23, MWFS17, Pas16]. **rapidly-sinking** [Pas16]. **rapidly-warming** [AHV+17]. **Rare** [HOD+09, PPR07, BPPJ15, BG10, CVA+13, FSCC07, Kha18, PPC+07, SBE+07, ZLJ08]. **Rare-earth** [PPR07]. **Ras** [BMM+99]. **raschii** [HPL+12, PSS+16]. **rate** [AELP14, ASF+12, BD06, CMG+11, DABMAMA04, LCW20, LAPL+16, MW05a, PLRV22, PLPS98, SSWM18, ZQ97]. **Rates** [CM99a, CCK+16, GSMB01, PDT+10, PDT+11b, SGD14b, ASBM02, Ano96f, ASF+12, AMK+05, BK96a, BDBB07, Ber01, BFT+97, CRD01, CLC+03, CD09, CMNO23, CHL+95, Cra97, DSB+18, DPLB94, DTB+02, DLW+17, DOB+01, ER05, FVSRR14, GPÇ18, GLM04, GAC+02, HBT+08, HLNO96, HPK+97, IMP+02, Las93, LQF+02, LJL+17, LCL+98, LPA+95, Loh08, LAF+02, LM96, MISC+02, MHB+95, MLG+04, NS93, NSKG96, OMY+03, OHT12, OBWK01, PCDM11, PRC+09, PABH07, PFDD16, QB02, RRWR08, RSB+15, RCF+16, RN96, SR08a, SWC09, SW01, SEN+95, SBG+98, SBH+02, TS13, TBB+08, VSM17, WN01, Wal94a, WJS+10, WP00, ZCP+08, ZEGB97, vdLBB+02]. **ratfish** [KM15]. **ratio** [APLW09, CRS+19, DVS+97, GG93, MLR07, Mun07, RLPF07, SMS+07, WBM96, WO99, SLB13a]. **ration** [GFPM02, SH16]. **rationale** [KL96a]. **rations** [PAM+04]. **Ratios** [BDNS03, BMRP02, CSGC03a, ÇYAYT06, CSS+02, HLFP08, HSH+13, MBL+15, NLY+13, NMS09, SML15, SZS+07, SSH+00, VCRDF99, WWN+02, WWW+02]. **ray** [AWL+09]. **rDNA** [LTG+09]. **Re** [Blu01, SM23, Mar18, MC15, YKSI19]. **re-assessment** [YKSI19]. **re-description** [Mar18]. **Re-establishment** [Blu01]. **re-evaluation** [MC15]. **Re-examining** [SM23]. **react** [VKGP+11]. **reactive** [AISR+16]. **Real** [PPL+07, DIM+12, DJCF09, EPK+10, FG07, GLK+06a, LWB+07, NLHB01]. **Real-time** [PPL+07, DJCF09, EPK+10, GLK+06a]. **realization** [Ben13]. **really** [HPS+13]. **realm** [BSB+99]. **realms** [CHN+10]. **reanalyses** [MKW11]. **reanalysis** [BSN18, HLR+09, Men23, OGRdO18]. **Reasearch** [MCS+03]. **reassessment** [SL06]. **recently** [RHL+16]. **Recirculation** [CBF+13, CBF+16, LB96, MB96, NI10]. **recognition** [BHK+10, SGD+14a]. **Recolonization** [CHV09]. **Recommendations** [PNS+09, MK19]. **reconciliation** [WWW+02]. **Reconciling** [CB09a, HBC+15, RBS17a]. **reconstructing** [BW99a]. **Reconstruction** [KSH12, KY17, MDG13, BLI+09, DFA+20, FSG02, ID19, LLH+15, LXWC21]. **reconstructions** [AN05, AN06, MPB+18]. **Record** [YWW23, BIP+02, BA02, CSE+22, DW15a, DFA+20, DEK+08, GPÇ18, GBP00, GM22, Gre01, Gri13, KGS23, LDGH16, LWL+16, MCK+19, MG22,

NCL13, PdBK+03, PDS00, ROPB03, SRAL+17, YKY+07, dMGPT+14]. **Record-breaking** [YWW23]. **recorded** [DLG+14, DFMW13, PDB+20, SSR+14]. **Recorder** [BL06, DGMS96, PG07, BCT21, WHLR13, ADGA01, AGP05, ADG+08, BDW+96, BWS+98]. **recorders** [CFGR07]. **recording** [BTLC98]. **Records** [MC12, AL14, CWP+15, DME+18, FLMF07, GMB18, KY17, LF07, MB18, OTK+05, RBB+97, SHS+12, SK07, TGU+06, WHLR13]. **recount** [OW09]. **recovered** [SKS+16]. **recovery** [EBM+18]. **recreational** [BHS+17]. **recruit** [SMV+13]. **Recruitment** [AI09, MMG98, BK96b, CM16a, CM16b, DABF+16, GEP+16, Gau07, GBS+22, HSFN13, KT06, RFF+02, SNMH18, SHN+07, SHB14, SSB+07, VCDAL14, WSB13, YERT13]. **recrystallization** [WKM+07a]. **recurrent** [BFG+10]. **recycling** [ATD+11, HTA+17, LSUB94, RGTV97, SM00]. **red** [MBC+14, Men23, RAL04, RAR04, TBT05, WZ14, BKP+19, SJM02, ZSLL15, vC97]. **Redescription** [BPKJ15, JR11, MGE13, Mal15]. **Redfield** [DVS+97, SLB13a, WWW+02]. **rediscovered** [GJ11]. **redistribution** [SAA+17, SNPS01]. **redox** [FLTV97, GLK+06a, HSB+16, HFL+15, KMLT06, Kos01, LAT+18, SM01, YCD+06]. **redox-sensitive** [HFL+15]. **redoxcline** [TSP+18]. **reduced** [SF08]. **Reducing** [HSSH23, LS17, AP22, JBR+18, LAT+18, MFM+18, RDV+09]. **reduction** [BSS+00, CV17, ESDM13, JS14, NVBJ08, PNS+09]. **REE** [CRS+19]. **Reef** [DSE+14, bLHsL+13, AHVB+17, BMSBM+17, HKY+13, PSB14, SSR+14, ZHY+13]. **reef-building** [PSB14]. **reefs** [AHVB+17, LOB+09, LWSZ13, MDTG13, NCT13, PCY+13, SGPD+14, WYIT13, ZMYS13, SEM16]. **reference** [CPH01, CSS+10, EMEP18, HIA+16, HSSN08, KBSS93, MPH+16, MM14, RH94, WTL+06, WR01]. **referencing** [BS05, BS06]. **reflect** [WLM23]. **reflectance** [SWR+95]. **reflected** [BVB+14b, SM00]. **reflection** [MR08, TSA+01]. **Reflections** [Hem99, Smi01]. **reflectivity** [JOD98]. **reflects** [FL02]. **REGAB** [BNP+09]. **regarding** [HBB+13]. **regenerated** [BCDV02]. **regeneration** [BCDV02, DBN+11, KL96c, MFG+04, OT03]. **Regime** [IPLCHRMR19, BW04, BLS+03, JZ93, JPZ93, JRK+17, MCL+19, MBLM03]. **regimes** [BSX+15, BBE+13, BGG+09, CK03, CEG+11, DBJ97, LB07, LP14, MT15, RMCAR06, SM00, SP00, SHY+08, SHC+00, WLM23, WMW96]. **Region** [FGW02, GVW+19, HALV18, PUB+06, SBB+19, VSGM03a, AMN+02a, ARLA03, AFC+17, BLBW+11, BDW+96, BSM01b, BCDV02, Cha03, CSW+17, CD20, CLPL+09, CSCP13, CLJ+13, CHR97, Cri95, CMPB18, DURP03, DNH+02, DWBP13, DSN+20, DO01, DJFK+22, DT08, DJ15, DDB+97, EHK09, EHK+20, GSMG04, GP08, GKB+18, HLR+09, HWTP07, dlTGCAB+03, HiII+19, HiII+20, HTW14, HCG+01, IGN+10, IHSS+10, JDS+08, JC03, KCA05, KSH12, KYI10a, KYI10b, KFA+20, KUN10, KIN+10, KMO+10, KS10, LSB+02, LWB+20, LAJP13, LSHP01, LHKHH10, MDJS11, MMG+07, MSW+13, MFN+02, MLVM02, MNSMN+04, MMC11a, MT96, NSH+10, NKF+10, NCE+23, OPDM11, OvdRvA+22,

OHS10, PDT11a, PWN+11, RVC+13a, RVC+13b, RT14, RH94, RGL+06a, SGD+14a, SGA+15, STK02, SF10, SAM+13, SF04, SHN+07, SBB06, SM03, SMS+08, SFPH+08, SMPSG+04, SBH+02, SMSI08, SKF+10]. **region** [SFD04, SCPP05, TGLN93, Tho04, TMTR14, UW99, VJP+10, WMW+20, WL20, Wea93, WFW+17, WAK+12, WBBM01, WAM+18, WDG+02, YOK+10, YOO+10, YSWJ16, ZQ97, ZZM+13, ZTZ09, ZDW+20, vdLBB+02, SMV+03, VSGM03b]. **Regional** [BL00, Bro19, BAH+95, ESDM13, HBR11, KWW+12, LMvDA16, MHSV18, PABH07, SFB19, WSL+11, YKJ+15, ALWW04, BDWG02, BBN97, BWC+02, CPF+14, DKN+97, GWZ16, HSHM02, HKC+21, KWA+20, KYW20, LC16, LCS16, Pal04, PCAS05, RSC+09, SWO+01, SP00, SMH+11, Wil08, YQMB20, ZRC+11]. **Regional-scale** [WSL+11]. **regions** [ATN+12, BH14, BS21, BK96b, CDM23, Dri09, HMS+13, HWP+11, JBOH10, KSM+11, KKVP15, KHL+17, MK19, NDG96, PNLF02, PNLFS03, Qué13, RHPC+19, SBM16, SCGB18, TBPS22, WW23, WAC+09, WZB+14, ZTZB09]. **regression** [PSK+14]. **regular** [VPP07]. **regulate** [ALSF+17, FBCN00]. **regulating** [CSW+17, MALT05, VGBGPA02]. **Regulation** [NL11, BSL+96, BMB+01, DCK01, DCF+11, HMS+03, KD00, RWRS08]. **Rehabilitation** [OKH+22, NCT13]. **rejection** [GDL22]. **related** [AYMSAS19, AI09, BDL+22, BGH+19, HMLS+06, HWCT08, IKR+12, KT06, Lar04, MAH+12, MSW+13, RSL05, RAL04, RAR04, SHN+07, SCB+16, VK04, WBBM01, YCA+20, ZWK+15]. **Relating** [PABH07]. **Relation** [SCD14, ARWM13, AFC+17, ADGA05, ADGA06, AMTE09, BFDB17, BFL00, BDR+03, BM07, CJA+06, CVF11, CG18, CBA+05, DABMAMA04, DB02, ESWL20, FLTCV10, FHvFM08, FWZM12, FZW+13, GLCP12, GBLS00, HHH+14, HTS+09, HWCT08, HNRGL06, HPM02, HLM+01, IBK+11, JGM09, JRGLJ+19, KMOM19, Kos01, KSS+00b, LWA+04, LL14, LBGW97, LLT+00, MAB+01, MiSW08, MHM+14, OM98, OBA02, RR96, RMB05, RMCAR06, RCF+08, SVJRSON04, SvdLM95, SLT+11, SSV02, SGB+08, SP00, SGM+02, SFMG13, SPH+08, UY04, WPJW96, YHC+11, Yu03, ZFP+16, ZCG+12, Zon97]. **relations** [ODR+09, SYS05, YFL+23]. **Relationship** [CFL+99, PAM+14, SA14, SRC98, SZS+07, UPS04, Ano97b, BPKJ15, CRF04, CC03, CJF+12, DSO+97, FRW00, FJG+00, JML08, KBKW13, LPJ+16, Lin04, MB08, NISG05, NSY04, RHB+95, SWR+95, SI09, SH16, SHKW05, TKF16, WMS+96, WGG98, WWC+99, WR15, XSM+19, ZXH+13]. **Relationships** [ASF+12, HD02, LG98, LTH05, MORB+15, OCP18, RDBP14, BGKB06, BOKA16, CDRA08, DC96, FB14, HCL+22, HGK+18, KWPB15, LMKL09, MGS+10, SGB14, SFG98, SCM+09, WH98]. **Relative** [Ben13, BCKH07, BFS+17, BLG15, CMC11, CP05, CHH19, DB97a, FHW06, KR11, LCD+24, LB18, NCSB+98, Pas18, SKMDR02, TYBY06, TAB+05, VBM+19, YBC+17, YSHS08]. **relatively** [THT11]. **relaxation** [GWL+15, KGB06, PCT18]. **relaying** [HBM+07]. **RElease** [BL01a, GBH+01, GSMB01, BBL+13, HKY+13, KJB+08, LZM+13, TA01,

vdMLB+11]. **relevance** [JKJ+22, LVP+17]. **relevant** [MLVM02, Rai14]. **RELO** [WJR+16]. **Relocatable** [TFP+16]. **remains** [YERT13]. **remarks** [Kam18, MT11]. **remineralisation** [WP00]. **Remineralization** [SSM+00, ADAM02, BAD+97, BPB+94, CHN+10, CCZ+21, DJS+08, HFD+23, JDS+08, JDD+11, OENB01, SMCA01, SD96, TVL+00, WWW+02]. **Remote** [GPMZ+10, HSM+01b, MGR03b, ACG19, BOH+04, Car10, Car01, HCHD09, IS07, JEK+15, MMT08, NR06, PBFS06, PWTH15, PDB+16, RBH+20, RN06, SM96a, TBPS22, THV+99, VSV+97, WPAP01, WAK+12, Yu03, ZKSS06]. **Remote-sensing** [GPMZ+10]. **Remotely** [BHMK08, BMM+99, MCH+13, SMBM99, DDB+17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA+99, PW12, SRW+10, TSPH09, UY04]. **remotely-sensed** [PW12, SRW+10]. **removal** [HCBP97, Hat02a, HBCC13, PCDM11, SSH+00]. **Removing** [MTT+12]. **renewable** [CWE+17]. **renewal** [TH99]. **reoccupation** [BDM+03]. **reorganization** [YK16]. **repackaging** [WSB08]. **repair** [PTM+16]. **repeat** [PRB+11]. **Repeated** [PSK+14, WOM+16]. **Repeated-measures** [PSK+14]. **repetition** [CMG+11]. **repetitive** [BJSH14]. **replenishment** [MBC+20]. **replicated** [VSFF09]. **Reply** [JW05a, PTMH16]. **report** [CB18, STFL+13]. **represent** [Ano05e, BU05]. **Representation** [KCO+19, Arm03, KxF22, MKW11]. **representative** [AM18, GASGB+14, VSR+10]. **reprocessing** [KB95]. **reproduce** [SMH+06]. **Reproducing** [HCG+09, SHM+01]. **Reproduction** [CGD+15, PL04, PSB14, SW09, BTC13, DEJ08, GGDF08, LYN+13]. **Reproductive** [FARLR+13, GTSC08, QRE+17, ROS+17, RDBP14, WF13, WYL+20, BBE+13, EGMB13, HSBT19, HH03, RRK+20, RHM13, SRFR07, TGU+06, VHM17]. **Reptantia** [CP18a]. **requirements** [BSG+02, VAMPR+17]. **Res** [AN06, CM16a, CBF+16, DTWW21, ENM+16, ELG+22a, GAL+20, HiII+20, Mun16, RSCFT+16, RAF+14a, RDC+18a]. **Research** [Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, Beg18, BS06, CGG+12, CC00, CDB94, DB16, EWA+03a, LLM+03, MAA+05, MSV18, PNLFS03, RVJG+05, SSK+07, Ste10, SMGB03, TTU01, VSGM03a, WJD+00a, ZDO19, Ano96d, BC08, BFL+20, BFD+23, BCW03, CP22, CLMK13, CPM+18, Col16, DABF+16, EAB+20, GBS+22, HAE+17, HD14, LBD+22, Lut15, MHO02, MBT+14, MFH04, MV23, Mur06, POA+16, SPW+22, WMA11, Zim19]. **Reserve** [bLHsL+13]. **reserves** [DWG+15]. **reservoir** [KFTE14, LW15]. **reservoirs** [RDC+18a, RDC+18b]. **residence** [PHE+18, PHDK11]. **residency** [LWO+09]. **resident** [OMAA18, MT98]. **Resilience** [WWC+19, HSSH23, ST07, YD09]. **Resolution** [DIM+12, LCW+07, MDI+12, AELP14, BKY+17, BSM01b, CJM+22, DJCF09, DKZP16, GDE+96, GBP00, GLK+06a, HBT+08, KIY+05, LHX+22, LDX+23, MCSF15, NHD11, NBBBT13, PMLM+02, RAC+20, SC10, SBS+00, SKD+16, VT09, WMB+13, WLD+07, YMMC11]. **resolved**

[HDW+20, SLT+11]. **resolving** [MDM+13, OGRdO18]. **resonance** [NAT+12]. **resonant** [CMJ+18, WWL02]. **Resource** [SBQ+02, DMFB19, RSCFT+13, RSCFT+16]. **resources** [ADRS19, BCG+22, GLF+03, HD17, KBVM13, SID19, Wei07, WYT19, ZS19]. **Respiration** [KCD+17, NSKG96, Ano97c, BMHR08, BFML+08, CSGC03b, DRBM97, DO01, DOB+01, DKGT04, DDK+00, DDB+97, GSW+09, KCY+16, KKK+17, KHC+09, LMM+97, NS93, PZT+19, RlBW99, RWZ+02, RBP+94, SFR+06, SBSH99, WCB98]. **respiratory** [NS93]. **respond** [PWR05]. **Response** [AS01a, AS95, CLC+98, CMP14, DRRBC16, DBH+20, FMC+20, HZK+05, IARR01, JMN+15, KTSI07, KMO+10, LYN+13, ORFA+14, PW05, PGS14, RJM+15, RAC+20, TWN+06, WREC18, ZHX+16, dLC+14, AHR+06, AYMSAS19, Arm03, AAL+17, BS03, BBL+13, BLH05, BMB+18, BEB11, BBV00, BLS+08, CAGL13, CHL+15, CLW+23, CL15, CWTJ03, CB00b, CMJ+18, DWBP13, DP02, DVPR06, DBS98, Dri09, DSC+01, DSYH09, EWP+99, FBBW+10, HRM+06, Har06, HTPM14, HKN+09, HZYZ10, HZN+16, HV03, JZX10, KTL+00, KIS02, KHL+01, KNN+06, KNC+09, KCL20, LL01, LSS+11, LJBF00, LGF03, LHZJ13, LB98b, LD07, MDTS11a, MBLM03, MARFP08, NI10, NOFP14, NGF09, NSvH+11, PHS+11a, PHS+11b, Pfa93, PST+05, PZK+05, RGH+24, ROC+21, SD06a, SLS17, SVS93, ST13, SL15b, SRP+98, SCD+22, Thi05, TKF07, TSN+06, WPB+16, WFR+02, WSB13, WLD+06, WBI+01]. **response** [WLH+16, Yu03, ZPT+13, ZT00]. **Responses** [BOHW22, BSRM08, GO15, GHM+12, HNK+12, NHS+09, PDE+16, STF09, SVD97, ZG15, vFvdBB+02, BGWF08, CHH+21, GLF+03, GGCM17, GLdS+09, HSSH23, HWK+14, KHE+11, LG00, LDS+08, LG09, LSS+07, MCL+19, MAT+12, MHP+07, MBG09, NLS+10, PCL22, Roy05, SMH+06, SZH20, STS+15, TSMS09, VSD+97, ZOB+96]. **responsible** [EBGCL08, RDC+18a, RDC+18b]. **resting** [AJG+10, ESAG10, MTK05, PBG+10, RGHN+97, TIS+13]. **result** [PE17, TWL+15]. **resulting** [MBF+98, OLP+20]. **Results** [AA15, Ano06f, AAL+17, BBB+07, BL08, CHH+21, CSCP13, DJS+08, DSW20, GGM+16, KMD+11, KWH+05, LCW+07, MALT05, MBW+08, MNR+11, MLBB14, MSSD93, MSA+14, PHS+11b, RCW+15, Sco05, SBS+08, SESS08, TAB+16, VKGQ+09, WMC06, BNM08, BFF94, BTLC98, BCA+03, CFR+14, CAS+97, CES98, CMC+05, CJF+98, FR10, Gut06, HBB+13, Jen03, KJB+08, LK98, LMB+98, LSU04, NL11, NW01, Osc01, PLS+03, SMY+98, Sch02a, SYS05, SGB+02, TTU01, Thu98, VHS97, WW04a, ZNM+02, LAJP13]. **resurge** [OM02]. **resuspension** [BAD+14, CWFP94, MPPR14, PAM+14, ZDA+16]. **retain** [DLWW23]. **Retention** [JKJ+22, BMK+13, CMC11, JPC06, LM01, MTGY05, PSS+16, RGL+06a, VLK06, ZTZ09]. **reticulatum** [dSVC+14]. **retreat** [LDW22, NSWY20, NYH+20, OACA19, PSA14, RHB+95]. **Retrieval** [PTA+99]. **Retrospective** [KTSI07, CFL+16, LSGM02, OAH+16]. **Return** [BRL+03, NGS+15]. **returns** [MHG+17]. **reveal**

[GNG+22, HCBL+17, MBC+09a, RMBW07, SSB+17]. **revealed** [BCN+17, BHHM+12, BFK+14, CDJ+22, CHV+15, DFJ18, DBL+19, FHYI03, HRSJ23, HXF+23, KVPK20, MSJS08, PFdSG11, SGP+11, WSM+22, XGL15, YCT+22]. **Revealing** [NKA+11]. **reveals** [CCM+20, DMC+17, HNS+11, KBK+18, LWB+07, PDY20, WTT+20]. **reversals** [SRP+98]. **Review** [BMR+14, LMM+97, NM18, Ano99n, BSX+15, GLF+03, GKB19, MK19, MM14, Rai14, RAF+14a, RAF+14b, SVB+19, VAT23, VMGO+09, ŽSN+18, Zon07, Ano97c]. **Reviewer** [Ano09c]. **Reviewing** [MS06b]. **revising** [HWN+04]. **revision** [MM15]. **revisited** [BBR+10, BJSH14, Bor01, EW99, Jaż15, LS12, MPS+03, PWCL98, WR09]. **Revisiting** [BHT22, IPLCHRMR19, SLB13a, VGZ+19, VCG+20, DeM02]. **reworked** [Thi98]. **reworking** [JWC09]. **Reyes** [VLK06]. **Reykjanes** [PGFP+08]. **Reynolds** [HS05b]. **Rhône** [Tho97]. **Rhachotropis** [LJB18]. **rheological** [JS14]. **Rhizaria** [DBR22, GdSP11]. **Rhone** [NC97]. **Ría** [DRVVS+14]. **ribbon** [CMBPM04]. **Rich** [KFS+17, SBE+07, DZL+17, GGT+02, KCD+17, MD17, Men23, ODP+17, TTD13, VD98]. **Richardson** [Gre08]. **richness** [HDK08]. **Rico** [BFB+18, DAB+18, KBR18, LS18, RKB18, SLB18, SWL+18]. **Ridge** [GNT+17, MTB09, OTN16, SKS+16, SBP13, WMB+13, WOM+16, BMH08, BFA+08, BSJ13, HRSJ23, KOO+24, MMM+13, RCCP13, SL15b, SPH+08, WH98, ABD+13, ARB+13, ACD+17, BJA13, BBR+18, CVA+13, CG21, CPW+18, CSGV13, CSCP13, CLJ+13, CBB+98, CLB13, DRR17, DONF08, Dud06, DHST13, EQW+13, FBL+98, FVW08, FCBD08, FD98, GGF+08, GGDF08, HIK+08, HRX17, HTD13, HSY08, JAP+13, JBS+98, KJB+08, KPBK08, LBSB+17, LDBS+17, LAJP13, MBF+98, MCB+15, MSW+13, MC18a, MGK+17, MBMGK08, MR15, NHS+13, OGBF08, PHM06, PGFP+08, PPFS17, PBB+13, RSW+13, RLB18b, RT20, Rog17, SLdB+15, SHB02, STB+17, SGB+08, SBK08, SS99a, SHY+08, VTD+20, VHT+20, WH98, WJ02, dLWFB08, WACGH11, YSC+20, YSHS08, ZWK+15, ZRC+11, Bak98, CES98, KLLO98, RSP+98, SB98]. **ridges** [BBG15, CL15, GBI10, ULH+21]. **rifted** [HZMH07]. **Riftia** [BY09]. **Riga** [OT10]. **right** [BEC+96]. **rigorous** [YFL+23]. **Ring** [MFE+02, DKdS+03, Gol93, RYT01, vAvVV+03, SBZ+03]. **ringens** [MGGTM19]. **Ringiculidae** [CKFC18]. **Rio** [HCBL+17]. **Rise** [DLHH11, HCBL+17, BRW00, BCA+03, DBDT03, ANS+11, BBB+11a, Har11, MSNL09, MMG98, NLSL09, NHD11, PZL+09, PWN+11, RHD+11, SFV+98, WACGH11, ZRC+11]. **Risk** [DMC+17, CWSH20, HSSH23]. **risks** [DCD+14]. **Rissa** [VM13]. **Risso** [KG20, VFFM13]. **River** [ARWM13, LG15, MWS+15, MM97, NC97, RDdL+13, YZZ+19, ZZY+19, ZG15, DGP20, GF97, LFPC14, OCP18, HMSMK04, KCA05, MHG+17, NAT+12, VBM+19, VPA+09, ZPG14, ZSLL15]. **Riverine** [SP19a, ATM+07, BS21, UIS+03, WLM23]. **RNA** [NLY+13]. **road** [JBB+13]. **Roanu** [KDSR19]. **Robert** [SLM98]. **Robinson** [Ano97c]. **robust** [LWSA08]. **robustus** [GPCC+17]. **Rock** [BSS+17, MAR+17, PDC+21].

**Rock-Eval** [BSS+17]. **Rockall** [SKdS+14]. **rocket** [OSG+13]. **rockfish** [CSM13b]. **rocks** [SKS+16]. **rocky** [CMP14, SKL+22]. **rod** [Arm03]. **roe** [DVC14]. **roe-on** [DVC14]. **Role** [ACG+01, AKBD13, DGS+05, MN10, MML06, Rod13, SLS+10, SPB+14, WPD22, AM02, BFF+07, Boy02, BES95, CTBNL08, CBB+95, CNOC13, CSS+22b, CPEN08, DMJ93, DH97, ESAG10, FJR+20, GOD+01, GGRW99, GDYW02, HDF+01, HBC+12, HWS+13, ILWH03, JBS+13, KPPL00, KLKB95, LLR+06, Lar04, LFC16, LV17, MTE+02, MMMC07, MZR+95, MST+14, PBS06, PP93, PA95, PL04, PS19, RHI00, Rog00, RGL+06a, SSLP95, SLT+14, SSR96, STS11, TAL+12, TP96, VM01, XWZ24, YOR13]. **Roles** [DSD12, NSLAP+17, NA13, PPL+07, SE96, SGC03, TLW+94]. **ROM** [Ano96d, CDB94, RSD+97]. **Rona** [Lut15, SL15a]. **Rosetta** [BOJ+10]. **rosette** [SHF+95]. **rosmarus** [YBC+17]. **Ross** [BLB+11, GOM+09, LCD+24, AvD04, BS01, BDO00, CBCT09, CHPS00, CDL+00, CWTJ03, CB01, CBC02, CBB+00, CDH+00, CL06, DGA+11, DMC+01, DKS03, DKS11, DDK+00, DCC+01, DFK+06, FJG+00, FA03, GRS00, GBH+17, GCJ+00, KMD+01, LCVV06, LCDS00, OMG+11, OW09, PHOM09, SCM+02, SMHB00, SDKH03, SDMC03, SSP+06, SHC+00, SSH+00, TDCV+06, VMBS03]. **Rossby** [BSS+02, CK10, HGM+11, KVPK20, MV19, Ver13]. **Rotating** [PFW+09, CJ19, FMFW07, Joh19, TCM+22, WMH+07]. **rotation** [Pra04]. **roughness** [SDL22]. **round** [CBK+22, DSC+01]. **route** [CRJ+08, MKS+20]. **routines** [PNS+09]. **Routing** [DLF09a]. **ROV** [DDB+17, LAJP13, MCH+13, NDE14, RHK+10, RSH10, TGU+06]. **rRNA** [BFK+14, LTG+09, MGT16, RSF+99, XGL15]. **rRNA-derived** [LTG+09]. **rRNA-targeted** [MGT16]. **RTV** [CHU+00]. **rubra** [UC13]. **rules** [WTI+20]. **Running** [SCH+19b, SCH+19a]. **runoff** [CFL+16, DGP20, KC04, LFPC14]. **RUSALCA** [BIH10]. **Russia** [BEZ+22, Mas02]. **Russian** [BM15, Mal04, SL15a]. **RV** [BM15, EMG+15]. **Ryder** [BLO+17, LBM+17]. **Ryukyu** [DAN23, ATI+23].

**S** [Ano97b, Ano97c, LPS14, MAA+05, ONSSVGR04, SSV02, Bol08, CDJM04, CM99b, DI00, FUGG+09, GHIM04, GCB04, HMW00, HMSMK04, KNK15, KR95, LKC96, MHG+04, MK96, MFG+04, MF09, MAA+04, OA11, WDG+02]. **S-PALACE** [HMSMK04]. **S.** [Di 10, SNH+23]. **s.l** [CP18a]. **s.l.** [Mar13]. **S1** [ID19]. **Sable** [GPC14, SSG14]. **sablefish** [CM16a, CM16b, GSC+19, RDSA+21, SHB14]. **Sabrina** [WMP+11]. **sac** [GGTMG+10, GGRJD+10]. **sac-spawning** [GGTMG+10, GGRJD+10]. **Safe** [GBI10]. **Safety** [ZDP+16]. **saffron** [HCAK17]. **Sag** [MWS+15]. **Sagartiidae** [SSK+23]. **sagax** [CDG00, PRORSV+19]. **SAGE** [Ano11b, CMRL11, Had11, HLS+11, KHE+11, LSS+11, PHS+11a, PHS+11b, SHL+11, SWLW11]. **Saharan** [GMC97, HZK+05, PMLM+02]. **saida** [CMNO23, CSS+22b, DTWF17, EGOO22, HTPM14, HCAK17, MEB+23, ODR+09]. **sailing** [MTG18]. **saira** [TSB+14]. **Sakai** [Mar18]. **Saline**

[KL96b]. **salinities** [BS05, BS06]. **salinity** [AYMSAS19, ACG19, BZS+16, BL96, EOB03, ER05, FHP94, HDGM19, KT06, KMG+20, KVL+19, PS23, PC00, PSE+93, RAS23, RR10, SPH+03, SKMS08, Zon97]. **Salish** [DBC+19]. **Salmon** [MHG+17, ARWM13, ABC+05, AMK+05, BLH05, CBA+05, DMFD19, DMFB19, FMC+20, KUT+20, KKUK10, KMOM19, LWO+09, MBC+09b, OSM+20, RNB07, SMBL19, SAB08, TBH09, VBM+19, VSM17, WBA+17, YK05]. **salmonid** [Man94, SAB08]. **Salp** [KSL+04, PFP02, Pak04, IPH+17]. **Salp/krill** [PFP02, Pak04]. **Salpa** [KCMT+20, PH17]. **salps** [DB97b, LDGH16, RSR05]. **salt** [BCBF03, CWB02, Jen03, LBM98, LBY+10, MAR+17, TP99]. **salt-induced** [MAR+17]. **saltatory** [RG06b]. **same** [Ano05e, BU05]. **sample** [LTG+09]. **sampled** [ZA16]. **sampler** [BDW+96, BKY+17, LDHO+14]. **samples** [CMA+09, ETP+16, Ell93, HAP03, LCL+09]. **Sampling** [FH09, HLR+09, PFW+09, RDL+09, BCN+17, BHMK08, BKY+17, BL06, CDG00, CB09b, CM99b, GWP+98b, HSM11, KOM17, LHS96, LBM09, MLW+01, PBB+13, ROB+17, ROBV+18, SHM+11, SLB13b, TRM+15, VALW23, WBM+10]. **San** [MML06]. **Sanctuary** [PMF+17, LPA+17]. **sand** [BDL+22, SLLT10]. **Sanders** [BDG+04]. **Sandwich** [BJK+22, BCG+22, BN04, CWEHT22, CHH+22, HSR+22, HSD04, JSWB21, LTW+22, SHC+22, TM22, VVV04a, LRL+22]. **sanguinea** [OM14]. **Santa** [MDC+10, BFT10, CMVS+10, DCC+17, ESL+10, GBG15, KTL+00, MPB+18, OS04, RVD+10, SC10, Thu98]. **Santo** [MAR+17]. **Santos** [DCH04]. **Sanya** [bLHsL+13, ZHY+13]. **São** [GNT+17, MAR+17, NMN+17]. **sapropel** [ID19]. **SAR** [OCKA+11, TAB+16]. **Sarcodina** [PPC+07]. **sardine** [CDG00, MRSLM+19, PRORSV+19, SSP14, SGI+19, SM03, YK05]. **Sardinella** [SNH+23, SWK+23]. **Sardinia** [BLI+09]. **Sardinian** [TAC+17]. **Sardinops** [CDG00, PRORSV+19]. **Sargasso** [BTB+08, BOJ+10, BLC+08, CDS96, CAGL13, CRR01, DSK+13, DOC01, EMW+08, GMK+08, GS08, HC01, LBJ+13, MKRY01, NBSM01, NSY04, OENB01, PBN10, RN96, San13, SM96a, SCM+08, SS01, SZS+07, SWMB10, SMB03, WBM96]. **Sargassum** [BMS+18]. **Sars** [dLWFB08]. **Satellite** [BT04, DNR20, GSVCCCH12, GSdAMNMM04, GHB+05, KGKS20, MCS+02, MCS+03, OSCS04, SCM+08, TSWJ12, BDBB07, BPRS11, BSM01b, BTRL99, BOH+04, CFR+14, CFGR07, CFK15, CC15, COJ+09, CLQ+18, DKC+17, FRW00, FCP99, GMR06, GdRGLS04, Grü99, HRSJ23, HGAB04, HFKY05, HHKH+04, HF21, HEW15, KLK+15, LMvDA16, LTH05, MML07, MRD13, MXC15, MC12, Mit96, MRM+12, OE06, OCKA+11, PWTH15, PG18, PW12, SiSA+02, Sch02a, THV+99, WH01b, WP17, WSL+11, Yu03, ZKSS06]. **satellite-based** [Sch02a]. **Satellite-derived** [GHB+05, BSM01b, CC15, LMvDA16, OE06, PG18]. **Satellite-measured** [BT04, LTH05]. **satellite-monitored** [MML07]. **satellite-observed** [WP17]. **satellite-tracked** [BTRL99, Grü99, HRSJ23]. **satellites** [KKMSM12, MSC04, RAS23]. **saturation** [JFM+17, TCH+16]. **Satya** [HBC+22]. **saury** [TSB+14]. **Savoonga** [FBB+13]. **Savoye** [BCD+09]. **SAZ**

[BTD11, BGDT11, MMC11a, PHD+11, WGWW11, dSEDW11]. **SAZ-Sense** [BTD11, BGDT11, MMC11a, WGWW11, dSEDW11]. **SBI** [Ano05b, GH05, GHS09, CFKS05, CFS09]. **scale** [AML+19, AHVB+17, AKI+16, BH19a, BT98, BCH+19, BHBC08, CJ19, DCC+13, DVS+14, DLR11, DPY14, EHL02, FVW08, FM03b, Gag04, GdRGLS04, GMBL10, GBC+05, GHM+12, Gre04, HAH+01, HCWW01, HGM+11, Hol06, HPM02, HEW15, IARR01, IKR+12, JKK+10, KNV+10, KSBK01, KVS+09, aLCS15, LSHP01, LM96, MLW+01, MALT05, MKS+20, MPF+17, MMT08, MBO07, MMM+00, NRH+06, NHS+13, NDG96, OBA02, PBS06, PRDF08, PC18, PDA+17, PLA+17, PE17, PVRA07, PHS03, RR10, SGD+14a, SSLP95, SKW+04, SGB+08, Spa99, SHW+16, SCB+01, SMG+07, SSB+06, TSA+01, TDCV+06, VTA+11, WSL+11, vFvdBB+02, vHSM04b, vRPD+18]. **scale-dependent** [DVS+14]. **scales** [AL98, AMK+05, BBN97, BFH+11, BvGH+17, BF14, DHM+22, DOLP+09, DKP+17, FHR+11, HV03, KMLC+04, KBB07, MPL15, MLVM02, RMC+08, SLM+20, SWO+01]. **Scaling** [Fer06]. **scallop** [DKP+14, DVC14, SL06, TLW+94]. **Scandinavia** [SAM96]. **SCAR** [GDC11]. **SCAR-MarBIN** [GDC11]. **scatterers** [KMKA20]. **scattering** [BSRB17, DO96, LKD+15, MOT98, MCCM+98, OGBF08]. **Scatterometer** [LCW+07, SL11]. **Scavenger** [JTW00, DND04]. **Scavenging** [Ano96f, CAFK03b, CHL+95, HBCC13, OOG+07, SSL98, VvdLS11, AFB+94, CM99a, DHST13, HTD13, NZT97]. **scenario** [DFA+20, SBSW07, You10]. **scenarios** [MGGTM19, MGG+17, PRORSV+19]. **schellenbergi** [LMLJ18]. **Schellenbergia** [BV04]. **scheme** [DGT+17a, HCJ+22, LHX+22]. **schemes** [SD22, WZZ+23]. **schooling** [KKM+10, NSBL94]. **schools** [OM98]. **Science** [JFC18, RBG18, ASBR17, ELP13, HD17, HBM+07, Jam18, OSG+13, Ano07c]. **Scientific** [Ano07d, HKY+13, KR07, PMJ20, RJ05, ROBV+18, Ver13]. **scleractinian** [WF13]. **scleractinians** [BFT10, CMVS+10, WTS08]. **scobina** [CRT+00]. **Scomber** [HiII+19, HiII+20, OUJ+19]. **Scomberomorus** [LTL+23, WYL+20]. **scombrus** [OUJ+19]. **scope** [DW15b]. **scope-based** [DW15b]. **Scopelocheirus** [LMLJ18]. **SCOR** [Ano06e]. **scorpius** [GNB+17]. **Scotia** [Hil04, PHM06, REWH11, SHB02, YKY+07, BTFB12, BND+04, CSF+12, CBJ+23, CL06, Dia04, FWC+12, HBC+23, HWN+04, HPN+12, HNK+12, HHNK+04, HHKH+04, JCM+13, KGE+04, KWW+12, Lin04, LSHP01, MSF+22, MTWH04, NCL13, RSWG04, RJB+04, SAVP12, SSG14, SAM+12, TSW+12, Tho04, VMAW12, WGB+04, WAV+12, WAT12, WAK+12]. **scotiae** [PB13]. **Scotian** [BBR+96, DSO+00, HS07, JCF+06a]. **Scottish** [EQW+13]. **screening** [DCD+14]. **sculpin** [GNB+17]. **scyphomedusae** [MMY+20]. **SE** [vdLBB+02, BNKJ23, FSG02, FS14, KDG+97, NGF09]. **Sea** [AN06, AKBD13, Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, Ano06b, ASV18, AKI+16, ADGA06, BRCFP23, BS01, BTFB12, BTR95, BN04, BS06, BA02, BFH+23, BLG11, BSH+11, CHPS00, CDL+00, CC00, CCK+16, CLMK13, CA06b, CB01, CBB+00, CM16a, CMK+18, Cri95, CBF+16, Dan95, DIM+12, DTWW21, DFY+23, Di 10, DDK+00, DCC+01, ENM+16, EWA+03a,

ECM+06, FLTV97, FS05, FTT+17, GLCP12, GASGB+14, GRS00, GAL+20, Gol18, GBDM+14, GCJ+00, Gra09, GC18, GW15, HNW+08, HSS+12, HMGD17, HBC+23, HiII+20, HLS+02, HWS+07, HZZ10, HKY+16, ITMG18, JJVH18, JR11, KM05b, KBW+11, KOLA+18, KGB+14, KCY+16, KLJ+16, LCD+24, LMB+98, LPJ+16, LKLK17, LTW+11, LXWC21, LXS+13, LCDS00, LLM+03, MB13, MCB18, MSF+22, MW99, MDI+12, MDC+10, MCS+03, MD14, MD17, MP94, MDS+16, MAA+05, MCG+98]. **Sea** [Mun16, NG10, NHCL14, NWZL23, ORFA+14, PDH+11, PWTH15, PKHH17, PNLFS03, PMF+17, RJT11, RVJG+05, RBB+97, RCF+16, RBCG10, RDC+18a, SGPD+14, SCD14, Sco05, SRDV07, SMBM99, SKS+23, SRF95, SSK+07, SET+09, SMHB00, Smi01, SDKH03, Spa99, SGL99, SH02, SMSI08, SMGB03, SLB+16, SKM+14b, Sum19, SFW+13, SFZ+13, SHC+00, SSH+00, TCG+18, TKP+20, TSB+14, VSGM03a, WYOS18, WLA11, WJD+00a, WPL+15, Won15, WKLM15, WWcW+15, XAY+11, YJL16, YK04, YKSI19, Zar16, ZSKL19, ZQW19, ZZX+13, AVA23, ALWW04, AM22a, Ala18, AP22, ADBW16, ALSF+17, ÁRR02, AGW+13, ANS+11, Ano96d, ASMM11, ATS+96, AvD04, ALvD12, APP+14, ALT+13, AL13, AKHR+20, BMHR08, BN97, BMS+18, BBL+13, BMD+17, BSS+17, BCN+16, BS98, BCN+17, BGOL01, BSS20, BFH+11, BVL04, BCVCHW04, BHMK08, BBE+13, BSM01b, BSJ13, BCE18, BT98]. **sea** [Bor01, BEZ+22, BRSlW95, BG10, BBBM04, BDG+04, BBB+07, BE09, BEB11, BW14, BM15, BSW+13, BCB07, BRB+13, BLG15, BGH+19, CFGR07, CAS+16, CV17, CRS+19, CKFC18, CC15, CB18, CCL+14, Che13, CP18a, CP22, CKJ+16, CKY23a, CKY23b, CM00, CHG15, CHV+15, CAJE15, CBMM15, CLGM05, CJF+12, CSG+13, CFL+16, CMB02, CG04, CRD+17, CHS17, DWG+15, DHCV19, DNM+16, DCL+09, DCC+13, DMC+17, DGT+17a, DOBH02, DVC14, DGA+11, DRBM97, DZL+17, DDB+17, DCA+98, Dia04, DFD+11, DFA+20, DLF+09b, DQC14, DFJ18, DCF+18, DBH+20, ESG+17, EB16, EFR+16, EHL02, EGG+05, EBDL08, ESL+10, EWF+18, EHK+20, ELG+22a, ELG+22b, FMZ15, FWG+97, FVW08, FB14, FGW02, FvFC+11, FDR+18, FUGG+09, FMS08, Gag04, GTSC08, GCS+12, GBB+17, GS06a, GSM+08, GBPB+13, GPBV+07, GIPLL+14, GBSL98, GFS99]. **sea** [GBI10, GBO01, HKR+01, HCBL+17, HD17, HLS+11, HTS+09, Heb00, HIK+08, HHW+08, HMAW11, HSR+16, HZS00, HC13, HH20, HGM+11, HRM+18, HP08, HF21, HEW15, HVBO08, HBO11, IARR01, Ive04, JOD98, JZ01, JTT04, Jaż15, JLY+16, JDL+12, JAP+13, JVL+16, KBB07, KBK+18, KAW+16, KBG+10, KB15, KT05, KWA+20, KCZ+19, KRF01, Kel10, KJB+08, Kha18, KFJ+05, KCD+17, KAHS20, KHL+15, KFS+17, KWT+16, KSDE16, KFTE14, KIS02, KHL+01, KGHA+01, LVJC17, LRGH+05, LFPC14, LRFK99, LK98, LOB+09, LT16, LRN+14, LKJ+15, aLCS15, LEP14, LSM+06a, LdSN+18, LZL+22, LMF+21, LFC16, LB14, LKTS01, LNDH+17, LDW22, LSOM16, LDSV98, Lut15, MBI+10, MA15, MA18a, MA18b, MDJS11, Mal04, MB07b, MB07a, MGE13, MFB18, MB18, MBP+20, MS06a, MP17, MLS01, MNN10, MB01, MSW+13, MKRY01, MGH+16]. **sea**

[MRP+17, MLVM02, MTK+18, Men23, MBD+17, MSV+17, MLBB14, MDT+08, MXC15, MC12, MMDS18, MMN10, MS12, MTDK98, MS11, MC15, NMN+17, NGF09, NCCR+12, NSWY20, NYH+20, NTS+11, OGG+15, OMS06, OPDM11, OBRJ01, OKH+22, ODP+17, OCKA+11, PTO+16, Pal04, PK08, PSA14, PW15, PPM+17, PTD+17, PGC+11, PFdSG11, PP13, PL04, PEC+04, PFX+02, PSB14, PPFS17, PPF+15, PUB+06, PCB+17, Pra04, PCP+17, PFDD16, PRSS23, PDS+17, PGZ+09, ROB+17, RBDO17, RHD+11, RHW04, RMBW07, RRT+17, RDV+09, RSW+13, RE98, RGHN+97, RSCFT+13, RSCFT+16, RTI+16, RIHGS00, RAF+14a, RAF+14b, RKM23a, RLGG07, RDdL+13, Rog00, RSS01, RRK+20, RSdV+09, RBP+94, Row13, RPZ+14, RNB07, SIA+05, SBM16, SGGW11, SS13a, SSWM18, SLS+09, SLS17, SBDB09, SI09, SSMM+08, SSHM+08, SBS+00, SSB+17, SE07, SWB+09]. **sea** [SRW+10, STFL+13, SDT+17, SDL22, SFV+98, Sha01, SBHS20, SS09, SSR13, SK07, SGW+15, SRS+15, SNS+07, SO98, SV09, SZH20, SNB02, SC16, SAW16, SSI19, ŠHW+04, STD+20, SDCH99, SBG+98, SLM98, SK02, SMS+08, SBM+13, SBR+97, Sor99, SMPSD04, Sot09, SMH+11, SWH08, SHW+16, SSC+23, SC15, STR+14, STWW01, SNK07, TBC+17, TSS+02, TSW+09, Thi01, Thi98, TP99, TCEW07, TWD+08, TD16, TLP+12, TMT+11, THT11, TML+16, TKF16, TMP+13, TLW+94, TLKT00, TNBL95, TY98, VGSV09, VTA+11, VK04, VKGP+11, VALM17, VHM17, VMI+08, VGD14, VAMPR+17, VHC+17, Vri09, Vri13, WW99, WF13, WSE+16, WLY+22, WZZ+23, WB09, Wat09, WJR+16, WBM+10, WTT+20, WNRM08, WACGH11, WAP+18, WAM+18, WDMEL01, Wil98, WLD+07, WTA+18, WYIT13, WMA11, WSL+11, WBA03, WL02, WPFB11, WPSB11]. **sea** [WPB11, XSL+17, YZZ+16, YZZ+19, YLG+18, YERT13, ZBC+13, ZLZ+15, ZJFV15, ZAC+15, ZWZ18, ŽSN+18, Zül05, AIW03, AN05, ASMH08, AM18, AM22b, ATJ05, ACBV+18, Ala13, Ala18, Ala22, APMN+17, AMvD+12, Ald95, AFC+17, AAG19, ASF+16, And00, ASN+02, AGN+02, APP+14, AGM+93, AI09, ASFI02, ADGA05, ACG+17, AMTE09, AS95, Avr02, AM07, AAL+17, BN05, BK99, BTB+08, BDR16, BCE+07, BH14, BDL+22, BFD+23, BDF00, BRM18, BRJM18, BKP+19, BE00, BEGC04, BMB+01, BG08, BMC99, BL99, BZ20, BFDB17, BMK+13, BCBF03, BH19a, BCM02, BSE+16, BKS+16, BGCH20, BDO00, BFT10, BDM+03, BF14, BPBJ13, Blo02, BCKH07, BIH10, BFL00, BSP00, BL00, BSN18, BFML+08, BCE18, BSS+00, BZMC20, BRSlW95, BG09a, BND+04, BSS+02, BDR+03, BEB+13, BAF+18, BSL11, Bre93, BLW+09, BG09b]. **Sea** [BWC+02, BM07, BMK09, BFS+17, BLB+99, BLC+02, BCP+15, BLP+15, BOKA16, BOJ+10, BLSS10, BBA+98, BLC+08, BGH+19, BES95, BOP95, BBB+01, ÇYB+18, CHW+12, CLC+98, CAS+16, CV17, CB97, CSL+22, CBCT09, CBBM12, COS+16, CDS96, CD99, CZP+08, CDRA08, CAGL13, CMB+97, CC13, CKFC18, CSE+22, CSGC03a, CLC+03, CD09, CC03, CSGC03b, lLCCC07, CMG+12, CHL+15, CSG+15, CLSS15, CCL+14, CCS+16, CHH+21, CWB02, Che13, CP18a, CP22, CLL+03, CHT+13, CW97,

CSL+07, CB00a, CM00, CCC+03, CBSS02, COQ+18, CDRB16, CMC+05, CWTJ03, ÇYFB+06, ÇYAYT06, CDA98, CBC02, CMA+09, Cok16, CDH+00, CSF+12, CRR01, CLH+00, CKS05, CBJ+23, CJF+12, CSG+13, CFL+16, CCC+23, CSS+22a, CMB02, CG04, CMVS+10, Cor10, CL09, CML+09, CWE+17, CP02, CBK+07, CKB+07, CPEN08, CBK+22, CMB12, CML+14, CMC+02, DMS+10, DCC+17]. **Sea**
[DF16, DLG+14, DW15a, DEJ08, DYEJ08, DAA+20, Dau18, DSD12, DSK+13, DDAH+14, DGA+11, DC12, DCA09, DC00, DWM+15, DGK+22, DCM+99, DMC+01, DNG+12, DMS+98, DOB+01, DKS03, DKS11, DLL+15, DBL+05, DFJ18, DAGK+17, DKdS+03, DG18, DOC01, DSC+01, DFK+06, DABF+16, DBC+19, DGT14, DGT17b, DKZP16, ETP+16, ESK06, EBS99, ENM+14, EGL+16, EZB+20, EFR+19, EAF+17, EGMB13, EGOO22, EBG+22, EMB+22, ESWL20, ESDM13, EOB03, EMW+08, ELG+22a, ELG+22b, FM13, FBB+13, FLTV04, FLTCV10, FHAH16, FMC+20, FL02, FJR+20, FC15, FWC+12, FWR+02, FJG+00, FK98, FA03, FHvFM08, FDR+18, FS02, FHT+14, FWZM12, FZW+13, FHW06, FAMY20, FHK18, FHYI03, GMK+08, GKH+07, GWL+15, GWZ16, GEP+16, GMS+02, GLCU+17, GGRW99, GGH98, GGH+00, GPÇ18, GMR+05, GDD+09, GAL+12, GMLB99, GGDF08, GLK+06a]. **Sea**
[GLK+06b, GdRGH+14, GGC19, GBH+17, GS08, GBPB+13, GMB18, GM22, GWWL03, GP15, GP16, GLSK+17, GPBV+07, GBSL98, GBLS00, GBBS00, GHG+04, GBC+05, GHM+12, GOM+09, GGO+14, GW98, GFS99, GHD+18, GRSW00, Gri13, GKBG17, GK16, GMC+12, GMC97, GGRW98, GZZC10, GNHS05, HNW+08, HP98, HC01, HXF+23, HSS+12, HPS+13, HPL+12, HS13, HTPM14, HT17, HML99, Hat02a, Hat02b, HLZY10, HHW+08, HSFN13, HKSV11, HGK+18, HSHM02, HGB+13, HGB+16, HKC+21, HWN+04, HPN+12, HNK+12, HRS+23, HH20, HFKY05, HM06, HPY+15, HK08, HH05, HBC+12, HHH+22, HHNK+04, HHKH+04, HDPI99, HKMS03, HK10, HKP10, HWS+13, HTM+03, HSD04, HMSMK04, HFL+15, HZ19, HHX+10, HZN+16, HZWW16, HXC+22, HLL+09, HHR+08, HCG+03, HWC07, HSW+02, HBJ02, HSSN08, HPS+11, HRK14, HRG+16, HBB+13, HON+13, Hus16, IS07, IBD10, IMG+19, ITT12, IOTS16]. **Sea**
[IABR+17, IOK03, IFFGL+04, IGP+06, IKR+12, IPTH03, ITM+12, ITK+16, JTW00, JTT04, JT07, JMW+20, JCM+13, JLY+16, JZX10, JLR+13, JCP17, JKP+17, JPZ93, JLB+99, JWC+01, JHHK14, JSP+17, KHS+02, KKSA19, Kam13, Kam18, KMT20, KIIW03, KJL+17, KLL03, KLTS13, KGE+04, KT05, KDMH18, KBKW13, KME18, KFJ+05, KBVM13, KSH12, KMM+08, KFH01, KLY+15, KKT16, KKK+17, KAM+20, KMD+99, KMDW01, KMO09, KBSS93, KMD+01, KGS23, KYKJ16, KFK06, KOT+20, KIM08, KFTE14, KRGT14, KTF07, KMLT06, KSS00a, KW00, KWW+12, KOR06, KL13, KLČ+19, KRLH14, KRG+01, KN05, KSS+00b, KHL+17, KHH+17, Kyt02a, LLK+16, LTG+09, LCVV06, LS12, LRGH+05, LGHD20, LLD+17, LG00, LBC+98, LS14a, LMM+17, LG09, Las93, LB98a, LPK+17, LLB+00, LJBF00, LC03, LLLP+03, LN05, LPW+09, LGK15, aLCS15, LJL+17,

LAP+17, LVP13, LMS09, LGML00, LL00]. **Sea** [LTW+11, LGQ99, LYN+13, LLH+15, LW15, LWW+15, LZC+16, LWL+16, LCW+07, LH07, LRH+11, LGC+12, LHZJ13, LHZ+16, LPM+19, LSHB09, Lin16, LLM+17, LBB+07, LTS+97, LL14, LCL+98, LPSS03, LKH+07, LCT+07b, LCT+07a, LS10, LBY+10, LCL+10, LZZ+16, LLS+19, LSA14, LGR+14, LRDS18, LMC+12, LBJ+13, LS14b, LJB18, LPS14, LvDA14, LPM+15, LSL+15, LP14, LWGS00, LSOM16, LOFC00, MAH+12, MHO02, Mac08, MGHN01, MMY+20, MA13, MA18a, MA18b, MTR+10, MGE13, MG22, Mar18, MDH+98, MTBB00, MMID17, MCPA02, MC02, Mar13, MGMP02, MPS+21, MHB05, MBHB09, MCM+14, MW05a, MAK+16, MES+23, MGN99, MKRY01, McP08, MGS+10, MMWM00, MV99, Men23, MDT+08, MCJ+99, MDH16, MDO+98, MW05b, MBM+00, MMDS18, MiSW08, ML20, MBS05, MGC+14, MKH+05, MLK+12, MR08, MFS+23, MKD23, MSRM08, MCL+12, MBC+20, MQD06, MBTM97, MCS+99, MPHF02]. **Sea** [MFM+18, MPS+03, MTWH04, MHG+17, MWB95, MMM+00, Mur06, MBG09, MSA+14, NAT+12, NISG05, NBB+02, NS93, NSLAP+17, NCK+22, NBSM01, NSY04, NMW+09, NRS14, NVBJ08, NCE+23, NLS+10, NLY+13, NG07, NMC+07, NYH+20, NRM+99, NHBM10, NBCT13, NBBBT13, NEN+07, NZT97, NCL13, OMG+11, OUK03, OMY+03, OHT12, OE06, OYM+13, ONRW10, OM16, OTNT05, OTK+05, OTA+05, OSCS04, OCP18, OACA19, OOG+07, OT10, OHFW93, OS02, OENB01, OT12, ODR+09, OW09, OAH+16, OBH+18, OT03, OBA02, OWW+12, OGG+20, OCKA+11, PHOM09, PAM+04, PW15, PLD+17, PHH+16, PW05, PK13, PSHF+13, PSUH+16, PLdL97, PPZ93, PAR+08, PS23, PP95, PTP09, POİ17, PDA+17, PL00, PSK00a, PPT+10, PNL+19, PMGH01, PBVC+16, PBN10, PCH+22, PN93, PC08, PE17, PTA+99, PBNF+16, PDB+16, PST+05, PSS+16, PRA+95, PJ99]. **Sea** [PRJW05, PFG+03, PS05, PDS00, PAUB19, PVT+21, PKZ+19, PRSS23, PWN+11, PZK+05, POA+16, RSR+19, RRMM05, RSR05, RCW+15, RKTG14, RTC06, RS02, RWR+02, RH07, RSWG04, RJB+04, RRWR08, RZL+10, RZS+16, RMC+08, RDW+12, RAF+11, RD16, RJDR06, RSF+99, RJ05, RWRS08, RHI00, RI05, RVGF02, RHB+95, RG93, RlBW99, RBO07, RKM23a, RSW+00, RNP93, RBB+97, RD02, RÇG18, ROBV+18, RKM+22, RKM+23b, RN96, SCM+02, SIA+05, Sam01, SMZ+08, SBM16, SS13a, SSK+23, San13, SNS10, SSI+99, SKS+16, SAG+10, SA15a, SA18, SHGB95, SC10, SAVP12, SSMM+08, SSHM+08, SBS+00, SRY04, SHA02, SBD05, SWC09, Sco05, SHS+12, SSY+05, SOS01, SRH+11, SSR13, SW01, SZG+13, SGW+15, SGC03, SNS+07, SHH03, SSK+05, SET+09, SID19, SHM13, SZH20, SM96a, STM04a, STM04b, SCM+08, SKR+12]. **Sea** [SSE+14, SNS+16, SS02, SZV+19, SDCH99, ST07, SW00, SDAH+12, SSDA13, SEN+95, SRP+98, SLH+00, Smi01, SHR02, SDMC03, SSP+06, SHM+07, SJM02, SSR96, SP00, SKK+16, SLZ+16, SS01, SABP+16, SKGD14, SGD14b, SPB+14, SNFK20, SKSW02, SBS07, SFK+12, SKM+12, SDK+16, SBB+19, SMS20, SM20, SM23, SFH+18, SGM+14, SWH08, SMGB02, SBE+99, Ste13, SL12, SWSL14, SWG14, SZS+07, SAM+12,

SBS+02, SHPM14, SF08, SNW08, SDLZ13, SLB+15, SKH+10a, SKM+14b, Sum19, SHY10, SESS08, SJSI00, SWMB10, SMLS02, SMB03, SAB08, SNK07, SCM+09, Tak05, TRO16, TGA+09, TRH+08, TOSH08, TR02, Tan03, TT05, TSZ10, TSZT13, TSW+12, TBEW99, TLF97, TMP+19, Tho04, TDCV+06, TWL+15, TP99, TKF07, TŠŠ+19, TLR+00, Tou99, TTCD14, TPP+20, TIS+13, TIKS03, TTA+16, TO95, TOP95, TWG00, TLMT97, UKM16]. **Sea** [UKJ+20, UFAK06, UC13, VMBS03, VNA+16, VJP+10, VJF23, VV23, VPK+19, VMAW12, VKM13, VVV04b, VSC+11, VCDAL14, VWTK18, WPHL02, WAPL95, WWH+10, WT14, WLD15, WZC+19, WRZ+19, WZZ+19, WL20, WPD22, WGB+04, WAV+12, WAT12, WBM96, WCB08, WBA+17, WGR+95, WOM+16, WSLP10, WZW+22, WAW+05a, WFW+17, WBJ+98, WFR+02, WYPY06, WPW95, WAK+12, WBD17, WABW02, WWV12, WJD+00b, WMM02, WSB13, WDMEL01, WTZ02, WGMC14, WCS07, WGG98, WP00, Wit00, WLL00, WZ03, WKM+07c, WYIT13, WP17, WLC99, WAW05b, WRS99, WTSP07, WC07b, WDC+15, WCL+15b, WLH+16, WYT19, XGL15, XAY+11, XSM+19, XZM+23, YLD09, YCD+06, YCN+10, YKS03, YHK15, YLR18, YXC+19, YCT+22, YMC+22, YD09, YCA+20, YZZ+16, YZZ+19, YET06, YÇYTKB06, Ynd09, YK04, YKSI19, YAOW05, YKY+07, YNK07, YCYK10, YXZ+22, YBC+17, YHL+12, YLK+15, ZCP+08, Zar16, ZHD+08]. **Sea** [ZFP+16, ZWM12, ZHY+13, ZWC+15, ZLZ+15, ZAC+15, ZHX+16, ZZY+19, ZLW+19, ZSKL19, ZWQ+19, ZSZ+19, ZWJ+19, ZXLL10, ZSLL15, ZZZ+16, ZXH+13, ZS19, ZNPR09, ZWL+22, Zon97, ZB00, ZFA+02, dBC+09, dSG09a, vC97, vdLCS+11, CDB94]. **Sea-air** [ITMG18, FWG+97]. **sea-disposed** [EFR+16, TD16]. **sea-floor** [LSM+06a]. **Sea-ice** [Gra09, MW99, RCF+16, WYOS18, WLA11, XAY+11, AvD04, BCVCHW04, BRSlW95, CAS+16, CSG+13, DGA+11, DCF+18, FGW02, FMS08, GBI10, HHW+08, HMAW11, HSR+16, HH20, HVBO08, JVL+16, KT05, LDW22, MGH+16, NYH+20, PEC+04, SIA+05, SMS+08, SMH+11, SWH08, THT11, VMI+08, WSE+16, WMA11, WSL+11, WBA03]. **Sea-ice-thickness** [SET+09]. **sea-level** [EHL02]. **Sea-surface** [Dan95, ECM+06, GLCP12, HZZ10, ATS+96, BHMK08, BSM01b, EHK+20, KIS02, MB01, MKRY01, MC12, Pal04, SWB+09, SMPSD04, SMH+11, WDMEL01, DKdS+03]. **sea-to-air** [FUGG+09, YZZ+16, YZZ+19]. **Sea-viewing** [STM04a, STM04b]. **Sea/Japan** [YK04]. **Sea/Sea** [ZSKL19]. **SeaBeam** [CES98]. **seabed** [LLC17, SNPS01]. **Seabight** [RRL+14, BRG17]. **Seabird** [REWH11, SAB08, WRBS10, AST+05, HV03, JTK+14, JHHK14, KCO+19, KCL20, NYH+20, OMS06, PDA+17, PLA+17, RMD+12, RAF+11, SBSW07, STS+15, VLP+17, WTT+20]. **seabird-prey** [NYH+20]. **seabirds** [AH17, BFSK08, BSR08, BSRM08, CRF04, EQW+13, HPS+13, HRK14, JNBJ17, SM12, SVJ+08, SSJ+22, SJJ19, Wei07, YKN07, vFvdBB+02]. **Seafloor** [BH03, ÇYB+18, CPW+18, CTT09, NCCR+12, ABG+20, Blu01, CGG+19, DME+18, GTB15, HDR+11, HSM+01a, HDW+20, NKE11, NHS+13, SHD+96, SDLZ13, TD16]. **seagrass** [AHHCR23]. **seal**

[AHB+17, CRJ+08, DFMW13, KY17, RSL05, SMA+17, SSWM18, VGGLB15].
**sealing** [BCG+22]. **seals** [BCE+07, BLB+11, BSR+18, BZMC20, BTLC98, BCF+04, BHBC08, CKH+08, CBK+22, FPHH+09, FHvFM08, FMWD07, GFCS04, GBC+13, GHM18, GBH+17, HCZ+07, HAGW+13, MCS07, MCBC08, MdSLH13, NBCT13, NBBBT13, SM12, SVJ+08, VHC+17].
**Seamount**
[BRP+13, CDJ+22, LDBS+17, MAN+20, MTDK98, ZBC+13, BLM13, BSCR11, CVA+13, CSM+13a, CGPM13, LCK+18, MDG13, MG13, MWB+09, PGPI+13, PGPP+13, PCP+17, RG13, RNR20, SMB+13, THM+13, VHT+20, BOC18, CMH09, ID19, MPE+09, MWB+09, SCCG09, TMC04].
**Seamount-induced** [CDJ+22]. **Seamounts** [KVB+09, MGT+20, ACD+17, ATLD+20, ACR+20, AMV+09, CSM13b, CRA+20, CW09, CBA+20, DCL+09, DNR20, DRR17, GMB13, HNM+20, HRX17, HMC09, MC09, MBP09, NRSL17, NRH+20, PR17, RP17, RTM+20, RT20, RAB+17, Rog17, SWB+18, SBC17, VTD+20, BMP+09, MRMP09, VAK+09]. **Search** [BKS+16, KK19, RG06b]. **SEAS** [JJVH18, BLB+11, Dia04, Bea09, Car07, CMNO23, DSW20, GGTMG+10, GGRJD+10, GGI03, HTTS12, HS05b, LGP+03, MN10, MSM10, NEN+07, TTL+16, Uys06, VPA+20, WBO07, WZ03, ATN+12, AGP05, BHMC05, BBH05, BAS00, CG07, CMV+20, CGG+19, CL06, DEL+17, DB05, DTWF17, EGG+05, FNS20, FB05, GCCG13, Gra09, GNB+17, HCAK17, Hil04, HCS05, HZZ10, JRK+17, KBE+04, KLD21, KCL20, LGC+12, LD07, LBM+20, LWJR22, LFC16, MCL+19, MCK+19, MNN10, MA09, NSWY20, ODH+07, OUJ+19, OBKA17, PVK+20, PKA95, PCAS05, PPF+15, PdBK+03, RPB99, RRK+20, REWH11, SMB+17, STD+20, VSM17, WDM+05, WCC05, WOS12, YH10]. **season** [AST+05, CAMA+02, CMNO23, CWEHT22, KYI10a, SBA18, VSGGPR14].
**Seasonal** [APMN+17, dSVC+14, AMTE09, BN97, BRJM18, BMK96, BHMC05, BL96, BHS+17, BM07, BD06, CD09, lLCCC07, CWS05, CVM+01a, CMW+08, CRR01, CPH01, CLPL+09, CP05, CKL03, DDN+04, DB05, DC00, Di 03, DMS+98, DI00, FBC+02, GRS00, GSW+09, GWWL03, GCJ+00, HXF+23, HWM02, HLL+10, HHH+14, HMW00, HK01, HRK14, JC03, JCM+13, JKP+17, JRGLJ+19, KCD+96, KNG02, KC03, KAM+20, KL03, KN05, KKNH02, LUV99, Lad14, LAMS+01, LSB+02, LPA+17, LAB+17, aLCS15, LJL+17, LCG03, LDWK96, LHM14b, LSGM02, LH07, LZB96, LIS+02, LCT+07a, LCL+10, LZZ+16, MHG+04, MCPA02, MC02, MB01, MDTS08, MC18b, MV99, MAR+15, MNR+11, MPF+17, MCJ+99, MXC15, MSS+02, MMC11a, MKH+05, MLK+12, MOA+18, MBC+20, MCG+98, MGC+01, MSBS01, ONRW10, OMAA18, Pal04, PVK+20, PC00, PNL+19, PCAS05, PLHMA06, PPR+20b, RRMM05]. **Seasonal** [RMA+20, RTFB09, RRS+98, RMBG11, SMLP04, SSH+02, SWK+23, SSI+99, SG99, SBSH99, SIS+02, SGW+15, SGC03, SRP+98, SMS03, SFPH+08, SMS20, SCGB18, SAB+07, SMB+18, SGD+03, TSW+12, TCM+04, TNIW02, VH99, VABCR+24, WFA+95, WWC+99, WYW+02, WWN+02, vRPD+18, ACH02, ATS+96, ABC+05, BPC05, BMK+13, BH19a,

BMRTL93, BKD06, BDR+03, BT04, CTW+15, CFL+99, CBF+13, CBF+16, CDJM04, CMC+02, DSN+10, DBL+19, DCC+01, ESK+23, FPW02, GRD+08, GGRW99, GLM04, GGTMG+10, GGRW98, HBC+23, HPN+12, HRM+11, HPS+11, HON+13, HD02, INTS02, JBVW12, JBM+08, KW03, KT05, KCZ+19, KTL+00, KWW+12, KVS+09, LVP+17, LWL+24, LJBF00, LBM+17, LMC+12, LG15, MHS01, MHB05, MALT05, MCH22, MO96, MSM+02, MTWH04, NLHB01, NBSF01, OGRdO18, OENB01, OLG+01, OAH+16, PDC+99, PDA+17, PLA+17, PMGH01, PAM+14, RJDR06]. **seasonal** [Roy05, SCL+04, SMS+07, SLA+01, SNB02, SMHB00, SDKH03, SJL05, SWLL23, SBH+02, SFB19, SFP+09, TSS+02, TRHA01, VCDAL14, VSV+97, VLP+17, Wal94a, WDM+05, WAV+12, WAT12, WGG98, ZWM12, ZHY+13, Ano96g, SVR+00, SJ00]. **Seasonal-** [vRPD+18]. **Seasonality** [BGCH20, BG09a, CS19, IOK03, MCK+19, MMT08, NFD+02, PS20, Row13, ŠHW+04, UIS+03, ZSIW21, AGGdC14, BE00, BOH+04, HXC+22, LLD+17, LPD+17, PVT+21]. **seasonally** [CDRA08, GKB+18, KSM+11, RHPC+19, TBSP+18]. **seasons** [BLC+02, CLSS15, DLL+15, KJL+17, NVK+04, Sam01]. **SEATS** [WKM+07b, WKM+07c, CSL+07, LCT+07a, TWC+07, WTWC07]. **seawater** [BFC+06, FHT+14, HOD+09, Ike03, KGdC+18, KGW96, NHS+09, PPS+16, SMY+98, SKD+16, SLS+10, VS10, WCL+15b]. **SeaWiFS** [STM04b, HGAB04, BEGC04, BY04, DNH+02, Fri01, Gre01, HSO04, KBE+04, KWW04, MDH08, MFH04, RD97, SMLP04, SRY04, Ste04, SBH+01, UY04, HZK04]. **SeaWiFS-derived** [SMLP04]. **SeaWinds** [SL11]. **Sebastes** [CM16a, CM16b, SCH+19b]. **second** [CTBNL08, HBV19, STF09, STM04b, WZZ+23, BHT22, HB19, HBVG20, HBVG22, RDL+09]. **second-moment** [WZZ+23]. **Secondary** [SR08b, BT15, MBP09, ZJA16]. **secrets** [LWB+07]. **Section** [Cra97, JM15, BH97, CAS+97, MHFM15, RSB+15, Whe97, BSS15]. **sections** [BHLS15, JLL+15, JSBC15, RPS+11, SWCB02, WSFB02, vOSG+11]. **Sector** [HMS+03, KCMT+20, MHA+15, RGTV97, SWGPK17, SLP+17, VMBS03, AA15, ACSG15, ADAM02, BC11, BSK+97, Bec97, BBM+08, BFT+97, BSG+02, BCH+11, BBB+07, BNFS01, BLI+09, CSEP+17, CTBNL08, CRDP02, CAFK03a, CAFK03b, CWWB04, CFT+04, CBS11, DB97a, DSN+20, DB97b, FAS+03b, FMO02, FS07, FCAD04, Fro04, FPB04, Gai97, GBL+08, HCL+22, HFM+00, HMA20, JFK+10, KSL+04, KNV+10, KLM+11, KMD+11, LBR+11, LPFS97, LQF+02, MAH+12, MT15, MTE+02, MV01, MKT+15, MBK97, MdBL+11, MS12, NGS+15, NGM+20, NBSF01, NAB+02, NMR10, Pak04, PF04a, PF04b, PDA+20, PPR+20b, QTPS97, QB02, RHB+04, RGHN+97, RMPI+17, SGA+15, SLC+20, SMP+15, SNB02, SBN+15, SBA+20, SBvdL+02, TB97, THJ+17, TGK+11, TLK+02, TPS+15, URDP01, VKM+10, WCJ+11, WW04a, WHNS04, WW04b, ZDW+20, dSEDW11, FBCN00]. **sectors** [BT03, RHPC+19, TCH+16, ZSKL19]. **security** [WGNH15]. **Sediment** [AKHR+20, BW93, CWFP94, DBS98, EGG+05, EWA+03a, EWA+03b, GHM02, HLG+21, IMP+02, MISC+02, MSB+03, OMY+03,

OM16, RSRL00, RMNB08, SNPS01, SMB+98, SLZ+16, ABS+14, BS03, BCWT00, BAS00, BAD+97, BJSH14, BAD+14, CCK+16, CMA+09, CDH+00, CG18, DLR+01, DPK+14, DGK10, DCR94, DSE+14, ETDB11, FA03, FKW01, GSM+08, HB03, HSB+16, HDF+01, HSM+01a, HIN+02, HLL+09, JZ01, JWCC99, KGKS20, KNG02, KGHA+01, KFW01, KSS+00b, KKNH02, Kyt02b, LPW+09, LMS09, bLHsL+13, MMG+07, MS06a, MPPR14, Mun07, NGM+05, OTNT05, OS04, PFW+09, PSK00a, PSP+09, RCL+09, RBA+01, RCW+15, RTFB09, RGHN+97, RFLW00, SLS+07, SHD+14, SFV+01, SHM+11, SKGD14, SAB+07, Thu98, TWL+15, TTA+16, WLP+09, WPW+14, Wit00, WWC+99, XA09, YA03, YPY+13, YKY+07, ZCP+08, ZDA+16, ZEGB97, dSJB+11, vGCM00, NW01]. **sediment-trap** [HIN+02]. **sediment-water** [HDF+01]. **Sedimentary** [BLW+09, Die07, LF07, MHdS+11, MR08, PGM+15, SWC09, SKdS+14, WC09, BMGC09, CD09, DRH+09, DBDT03, DJC+14, EWP+99, EWA+03a, EWA+03b, ERB+99, HdVGHM02, HDF+01, HMLS+06, HSD04, JWC09, LSA14, MCK+19, MFN+02, MMSS14, OHT12, RTB02, RTI+16, RPF+16, SK07]. **Sedimentation** [EFW+14, KHL+16, RHI00, SEN+95, ASS02, ASBM02, BS01, BGH+19, BCA+03, CB00a, CLPL+09, CJF+12, HWM02, HWS+07, HPK+97, LPA+95, MLG+04, PPZ93, Pfa93, PZP93, PDBH03, SR08a, SP00, SBH+02, YCT+22, ZJA16]. **sedimenting** [Hat02a, WCWW99]. **sedimentological** [ASB+02, GBO01, GMC97, KWA+20]. **Sedimentology** [CWJ99, GHM+12, NKE11, SDGH14]. **sediments** [ACQ+08, ASV18, ATN+12, AKHR+20, BN05, BN97, BMD+17, BCN+16, BGOL01, BSE+16, BGB08, BFT+97, Bla94, BFL00, BL00, BRP+13, BSS+00, BSSE16, CVA+13, CLT94, CHW+12, CZP+08, CFL+99, CAC+97, CML+09, DCL+09, DSD12, DPLB94, DTB+02, DRBM97, DZL+17, DOLP+09, Dia04, EPK+10, ESDM13, FGU04, FL02, FHT+14, GRD+08, GD07, GRSW00, GSB+03, GAC+02, GBO01, HKR+01, HTD00, HMB+96, Har94, HTPM14, HT17, HZS00, HKY+13, HWS+13, HZWW16, HPK+97, Ike03, JJVH18, JLK03, KLL03, Kel10, KCD+17, KBV+97, Kos01, LRGH+05, LMM+17, LPFS97, LMKL09, LZM+13, LYL22, LKTS01, LSOM16, MvSHD01, MS06a, MISC+02, MBB+02, MMWM00, MLR07, Mil94b, MHK+03, MB08, MSG+00, MMM+00, NEO+07, NMN+17, NAT+12, NVBJ08, OPV11, ODP+17, OJK+10, PLdL97, PTD+17, PUP+07, PBG+10, PBVC+16, PLGCL09, PDSS96, PCB+17, PGZ+09, RGTV97]. **sediments** [RTB02, RHD+11, RH07, RFLW00, RBCG10, RPZ+14, SAG+10, SA15a, SA18, SBS+00, SHS+12, SHWW22, SRAL+17, SSM+00, SW00, SEN+95, SHM+07, SM01, STWW01, SJSI00, TBC+17, TB97, Tho97, TD16, TTCD14, TIS+13, ULTL16, VVTM97, VQ97a, VQ97b, VKM13, WSS+08, WHL+97, WKM+07a, WOM+16, WAC+09, YLR18, YBHM05, ZBC+13, ZWC+15, ZJA16, ZWL+22, Zon97]. **Sedlo** [MRMP09, BMP+09, KVB+09, MPE+09, MWB+09, SCCG09, VAK+09]. **SEEDS** [HOD+09, KNN+06, NHS+09, NTK+09, STN+09, UWTS09, WTCB09, YOI+09, ANI09, HTS+09, HKN+09, KSH+09, KWN+09, KNC+09,

LLK+09, NOT+09, STF09, SSI+09, TSMS09, TNS+09]. **SEEDS-II** [HOD+09, NHS+09, STN+09, YOI+09, KSH+09, SSI+09, KWN+09, LLK+09]. **seep** [BBS+20, BLM+10, BHSJ16, CNM17, DGK10, FR10, FRC+10, FC15, HFL+15, JBS+10, KB15, LSL+15, MSD+18, MAR+17, OCG+09, ODP+17, OJK+10, PRSS23, RFJ10, RKM+22, SDB+18, SO98, WMB+13, BA94, Bis94, BFF94, Kem94, MC18a]. **SEEP-II** [BA94, Bis94, BFF94, Kem94]. **seepage** [ACBV+18, CDM+16, FC15, GPMS+16, LMG17]. **seepages** [AM22a]. **Seeps** [MKD23, AM22b, Ala22, BBAL+20, BNP+09, BPR+10, Car10, CPW+18, CBHF10, DGK+22, FYS+17, Kel10, KCD+17, LSM+06a, LPPC+10, LZM+13, MSH10, MS18, NEO+07, NMN+17, NCK+22, RDV+09, ROBV+18, SSK+23, WB09, vCO09]. **segmented** [QNL+16]. **Segonzacia** [MCB+15]. **segregation** [GGPM05, PFP02]. **sei** [MHM+14, SGB+08]. **Seine** [VAK+09, JMP+19, BMP+09, CMH09, KVB+09, MRMP09]. **Seismic** [DBDT03]. **seismically** [RÇG18]. **Seismo** [DBD03, IAC+03]. **Seismo-stratigraphic** [DBD03]. **seismo-volcanic** [IAC+03]. **seismometer** [DBL+19]. **Selected** [HBB+13, DM16b, SE07, WYOS18]. **selection** [ABB+01, BHBC08, MPF+17]. **selectivity** [DTWW17, DTWW21, FBBW+10, WGST08]. **selects** [RHL+16]. **selenium** [CC01]. **semi** [DM16a, GKH+07, SAG+10, ZGW+23]. **semi-closed** [GKH+07]. **semi-enclosed** [DM16a, SAG+10, ZGW+23]. **semiannual** [AVA23]. **semidiurnal** [JR15]. **Sense** [BTD11, BGDT11, MMC11a, WGWW11, dSEDW11]. **sensed** [BHMK08, BMM+99, MMC11a, PTA+99, PW12, SRW+10, SMBM99, TSPH09, UY04]. **sensible** [RFHL99, WZW+22]. **sensing** [ACG19, BOH+04, Car01, GPMZ+10, IS07, MGR03b, MMT08, NR06, PBFS06, PWTH15, PW15, PDB+16, RN06, SM96a, THV+99, VSV+97, WPAP01, ZKSS06]. **sensitive** [HFL+15]. **sensitivities** [DSC+19]. **Sensitivity** [HH05, BTD11, DBC+02, HWP+11, HSHM02, KCZ+19, SP19a, WTSP07]. **Sensor** [LCW+07, STM04b, BEB+13, HGAB04, ZKSS06, STM04a]. **sensors** [ARLB00, KMD+99, KMDW01, MDH+98, MCM+14]. **sensory** [SLD+13]. **sensu** [HNS+11]. **Senticaudata** [KGS23]. **sentinels** [MK19]. **separated** [SCM+09]. **separating** [BPS00]. **separation** [HDD+11, SRS11, STS11]. **September** [GGH98, KAM+20, Ano21m, Ano22w, Duc93, KRF01, OM14, RlBW99, SMB02]. **sequencing** [LEP14, PFdSG11]. **Sequential** [KFW01, RDBP14, SVS93]. **sequestration** [AHHCR23, BBL+13]. **SERIES** [KNN+06, Ano96g, BMK96, CRR01, SMA01, ANL13, AFM93, AKK+14, BCH+96, BGS98, BBL+13, BLO+17, CFJL96, CSL+07, CLMK13, CMA+09, DGN96, DOC01, DBH+20, FNYK02, GBP00, GUSB03, GG02, GOP+01, HBCC13, ITT12, INTS02, JMM+13, KLK+15, KM96, KL96a, KVPK20, LSST20, LBM10, LK98, LWL+24, LHS96, LPW+09, Lip01, MHS01, Mar02, MCPA02, MC02, MFH04, MK96, MSNL09, MLS+15, OLG+01, RCW+15, RT14, RAL+01, SKM01, SBG+98, SD98, SBG+03, SHM+20, SHR20, SCB+01, SMB03, TTA+16, WLP+09, WWC+99, WWW+02, WKM+07b, WKM+07c, WLT20, XA09, YA03, Har06, MW06, SD06a, SDMS06, TYBY06,

TWN+06, TSN+06, WTL+06, WJS+06, BL96, IF95, LSM96, Mit96, RD97]. **Serious** [FSP+16, GGM+16]. **Sermons** [VAK+09]. **SERPENT** [GBB+17]. **serpentinization** [LLL+15]. **serum** [DRR+14]. **services** [KUT+20, LLC17, SABP+16]. **sessile** [GAP+06, KPML20]. **seston** [NCE+23]. **set** [MGT16]. **Seto** [DFY+23]. **setosa** [MA05]. **sets** [Reb03, VTA+11]. **Setting** [BGDT11, FKS18, Mas02, OGJ+19]. **settings** [GBLS00, vdLEM+14]. **settlement** [EWG94]. **Settling** [APLW09, KBV+97, NISG05, Ber01, ESA+09, GZZC10, Kaw02, LPW+09, SAL95, SCM+09, WLP+09, XA09, YA03]. **Setúbal** [dJMTGG11, IBK+11, dSJB+11]. **Several** [JAM+14]. **severity** [KAM+14]. **sex** [CHPF10, FLM10, KBR18, SZM10]. **sex-specific** [KBR18]. **sex/maturity** [CHPF10]. **sexual** [LAÁ+14]. **Seychelles** [KOO+24]. **Shackleton** [SAM+13]. **shade** [KPPL00]. **shadow** [RMK+14]. **shag** [MPF+17]. **Shallow** [OENB01, ATLD+20, ACR+20, BFC+06, BAKF03, CDM23, CJ19, DFD+11, GMBL10, HNM+20, IKR+12, KB99, MAN+20, Mar19, NRH+20, PBG07, RTM+20, RT20, Sco05, SBM+13, SHM+07, TNT+15, VK04, ZGW+23]. **shallow-** [PBG07]. **shallow-infaunal** [GMBL10]. **shallow-layer** [Sco05]. **shallow-water** [CJ19, Mar19, SBM+13, VK04]. **shape** [DF16, THT11]. **shaped** [TWL+15]. **shaping** [SGP+02]. **Shark** [GMPSHA+13, CAJE15, CW15]. **sharks** [CP13, CFK15, CHG15, CGD+15, DWG+15]. **Shaw** [Won15]. **Shear** [Gre08, Dud06, HB05, Uml05]. **sheared** [WCL22]. **shears** [CW22]. **Shearwater** [POİ17]. **shearwaters** [HBJ02, PRDB+17]. **Shedding** [AA12, CH24, RSC07]. **sheds** [HON+13]. **sheet** [LKTS01, ZDO19, HMHY11]. **sheets** [ZRG16]. **S}helf** [WPL+15, Won15, WKLM15, Ano05b, Ano06f, BBR+96, Bis94, Che02, FLMF07, GH05, GHS09, HFP94, JR11, JCF+06a, KHL+16, MC05, MBL+15, PBO+11, PDBH03, AISR+16, AAG02, ATLD+20, ARW+04, AMTE09, BBB94, BGIJ+06, BDWG02, BH03, BLO04, BKD06, BFF94, Blo02, BBBM04, BMG+17, BCP+15, BMSBM+17, CB97, CSL+22, CBCT09, CFL+99, CA06a, CSGC03a, CDM23, Che03, CCS+16, CHH+21, CWS05, CWFP94, Cok16, CPH01, CG18, CKH+08, CP02, CP05, CKB+07, CPEN08, CHH19, DND04, DKS03, DK04, DT08, DDLK06, DEK+08, DGS+05, EZB+20, EBG+11, FGU04, FWZM12, FZW+13, GPC+04, GTSC08, GWL+15, GLDCA+06, Gau07, GNG+22, GSM+08, GGPM05, GPB09, GAC+02, Gut06, GBD+11, HB03, HBT+08, HMS+13, HLZY10, HHD+09, HGB+13, HC05, HKAM12, HCG+09, HWS+13, HHP04, HS05b, HF21, HNRGL06, HCG+03, HRK14, HLM+01]. **shelf** [IOK03, IGP+06, JCP+22, JCM+13, JWC+01, JHHK14, KM05a, KAW+16, KLL03, Kem94, KFF+94, KMO09, KKD06, KL13, KBFH14, LSC05, LS12, LSUB94, LMS09, LWL+16, Lin04, LZZ+16, LSWH07, LRV+02, LMC+12, MHO02, MCM+14, MBB+02, MBS+13, MKB+10, MSB+03, MXC15, MSJS08, MiSW08, MMMC07, MGC+14, MCL+12, MLH+22, MSG+00, NAT+12, NBB+02, NDE14, OBC+14, OHT12, OYM+13, OA11, OPV11,

OGJ+19, OAH+16, PK08, PW15, PBS06, PKHH17, PFC19, PMM+16, PRP15, PS03, PGK14, RS02, RTFB09, RGL+06a, RKS+95, SMR+06, SLS17, SPF+94, SSV02, SGC03, SHR02, SK02, SMD06, SMD08, SHM+01, SKGD14, SGD14b, SBS07, SKM+12, SDK+16, SBK+16, SM23, SSR+14, SL12, SGFP13, SKM+14b, SBS+08, SHY10, Tan03, TIS+13, VCDAL14, WL20, WAW+05a, WFW+17, WZL+16, WGB01, Wir94, WWcW+15, WPFB11, WPB11, XSM+19, YMMC11, YH10, YLH+10]. **shelf** [ZWM12, ZTZB09, ZZM+13, ZTZ09, ZG15, BRD+18, BA02, CTBNL08, CLPL+09, DTWF17, DSO+00, GW15, KGB+14, KHB+04, LWL+24, LWZ+23, MLW+16, NWZL23, PWTH15, RA98, SWLL23, WWcW+15, SLB+16]. **Shelf-Basin** [Ano05b]. **shelf-depth** [NDE14]. **Shelf-Nutrient** [FLMF07]. **shelf-offshore** [PFC19]. **S}helf-Sea** [WPL+15, Won15, WKLM15, MXC15, PW15, GW15, PWTH15]. **Shelf-slope** [HFP94, Wir94]. **shelf-sourced** [OBC+14]. **Shelf-vs** [Che02]. **shelf/shelf** [AAG02]. **shelf/slope** [GAC+02]. **shelfbreak** [SPB+14, WGB01]. **Shelikof** [Blo02]. **Shell** [NCK+22, BJF16, CC13]. **Shell-bearing** [NCK+22, CC13]. **shelled** [KWPB15, SWZA02]. **shellfish** [dSVC+14, ACK+14, BMH05, BCL14, DCD+14, DVC14, DRR+14, HTW14, KAM+14, MLH14, MAST05]. **shelves** [BLD+06, CB09a, DAA+20, DKS11, HMGD17, HS07, MKH+05, NMS09, PPM02, SHWW22, SLZ+16, SFK+12]. **Shetland** [Can06, HMS+13, HKN+04, HvH04, LHKHH10, LT03]. **Shetland-Elephant** [LHKHH10]. **shift** [BW04, FS07, HPS+11, KBL01, MBLM03, NI10]. **Shifting** [MT15]. **Shifts** [BKP+20, BFD+23, CLPL+09, EEAC+20, EAB+20, FJR+20, GBJ+15, JRK+17, KCL20, LDG+23, MCL+19, ML20, RGH+24, SL12, TSP+18]. **Shinkai** [KFS+17]. **ship** [NBBBT13, OCKA+11, SiSA+02, WHNS04, BRG+19]. **ship-derived** [NBBBT13]. **shipboard** [AAB+97, COJ+09, FK98, GdRGLS04, HHKH+04, KFH01]. **Shoal** [ACG+17, MD17, DNR20, DGT17b, LGHD20, LMM+17, MGT+20, WFW+17]. **Shoaling** [RAR04]. **Shoals** [AGD96]. **Shock** [AS02b, RJP18]. **shore** [BBAL+20, CFGR07, CMP14, CB09a, CMC11, HZN+16, KTP+05b]. **Short** [CBB+00, DHW98, HWK+14, LWZ+23, MDT+08, PZP93, PRB+11, SZH+04, SGP+11, Eif05, HBJ02, JW05a, JW05b, KM05a, LDW22, PWB+06, PB08, SD96, SSB+06, WAC+09, dLC+14]. **Short-lived** [CBB+00, KM05a]. **short-tailed** [HBJ02, PWB+06, SSB+06]. **Short-term** [DHW98, HWK+14, LWZ+23, MDT+08, PZP93, PRB+11, SZH+04, SGP+11, LDW22, WAC+09, dLC+14]. **short-time** [Eif05, JW05a, JW05b]. **shortage** [WTI+20]. **shorthorn** [GNB+17]. **show** [KBB07]. **shows** [OvdRvA+22]. **shrimp** [AI09, KSDE16, LV17, NA09, SBM+13]. **shrimp-like** [LV17]. **shrimps** [LDBS+17]. **Si** [ATD+11, BDNS03, CSS+02, DVPR06, FBCN00, GS06b, MNPT06, MGG+09, MQACB08, NBSF01, RDP+02, RdGM+09, STN+09, SNB02, TWN+06]. **Si*** [PDA+20]. **Si/C** [RDP+02]. **Si/N** [MQACB08]. **Siberian**

[GMC+12, MEB+23]. **Siboglinidae** [ALSF+17, MHC+10]. **Sicily** [BMG+04, LSA14, MSSD93]. **sidescan** [CES98]. **Sigalionidae** [Ala18]. **sightings** [WSP19]. **SIGMA** [AHML95]. **signal** [NAT+12, PPYN15]. **signature** [BGS09, GIPLL+14, HKFL03, PNVJ13, PGK15, ROL+15]. **Signatures** [TNT+15, ABKL96, AHHCR23, BMGF93, BHSJ16, FHYI03, GHM18, GLCU+17, HWS+98b, JBS+10, KYKJ16, KGB06, MMS+19, MSW+13, SCM+08, Sot09, VCO+15, WvdE00, WvdEP+10]. **Significance** [SLB13a, TLK+02, AKI+16, BIP+02, BTFB12, HPWP07, LCT+07b, MCLP04, OLG+01, RH07, TLKT00, ZB00]. **significant** [WP17]. **Silica** [AHV+17, BL98, ATD+11, BBA+01, DURP03, DeM02, DBN+11, FGW02, GRD+08, IGN+10, KBV+97, KNB11, KLD21, KL96c, LQF+02, NAB+02, NW01, QB02, RGTV97, SLS+07, VQ97a, VQ97b, ZWC+15]. **silicate** [DCF+11, JCD+03, KLKB95, PPL+07, SVS93, WOM+16, WM99]. **silicate-limited** [DCF+11]. **silicates** [LKTS01]. **Siliceous** [RFLW00, IGN+10]. **silicic** [BTV+11, BBB+11b, CHM+17, CSW+17, FBCN00, GRSW00, MAB+01, RN96, TYBY06, VVTM97]. **silicoflagellate** [OT12, TSOT16]. **Silicoflagellates** [MCK+19, OTN16, RMG+23]. **Silicon** [BNFS01, CHM+17, BJ15, CDP+02, FC07, MQACB08, QTPS97, WCY05, WWC+99]. **sill** [WZZ+23, BAC+02]. **Silver** [NTF01, RDFSWV99]. **silverfish** [OMG+11]. **SIMBA** [LTW+11]. **similarities** [GSM+08]. **similarity** [PBG07]. **Simple** [TT17, AT10, Eif05, JW05a, JW05b, LHS96, Spa99, TSDG13]. **simplex** [GGTMG+10, GGRJD+10]. **Simrothiellidae** [OBH+18]. **Simulated** [DMW+07, LGB13, WLY+22, WPAP01, BSL11, DCL+21, HH05, KM05b, LL95, NLHB01, SNPS01]. **Simulating** [LAPL+16, SDMS06, Thi05, BBL+13, EBG+15, RAC+20]. **Simulation** [MNPT06, MMC11b, GDL22, GFW07, HFKY05, MH93, MDM+13, MLW+01, PHDK11, PVT+21, SBB+05, TC06, WZZ+23]. **Simulations** [BK99, WDFK+22, AS02b, BFH+23, CA06a, CCL+14, HB05, LH06, MMXS02, MBS05, PWL07, RG93, RSS01, RSSM19, WCJ+11, WSM+22]. **simultaneous** [SZM10]. **since** [ALHP18, CHL+15, DW15a, RTI+16, ZSLL15]. **single** [BLBW+11, BWS+98, Ben13, HIA+16, LZS+18, XSL+17]. **single-frequency** [BWS+98]. **single-species** [HIA+16]. **sinicus** [NLY+13]. **sinistral** [WCK+18]. **sinistral-oblique** [WCK+18]. **sink** [CRP+05, NBSM01, RW95, SCC+11]. **Sinkers** [IPH+17]. **Sinking** [LBL08, ZdBB+07, ANL13, ASF+12, DP07, GK02, HD02, ILWH03, KGKS20, KHH+17, LBV+08, LKH+07, MTMK+13, Pas16, PDC+99, PLPS98, RCW+15, SFG98, SNIT02, SHR02, SMD08, TGG+09, TRWB99, TBB+08, VABCR+24, WN01]. **sinks** [CB09a, VBF+02, WYW+02, ZX12]. **sinusoidal** [ASM06]. **SiO** [SMCA01]. **SIPEX** [HSR+16, LCvdM+16, MGH+16, WSL+11]. **SIPEX-2** [LCvdM+16, MGH+16]. **siphonophore** [RRS+98]. **Siphonophores** [PM10, PS04a]. **Sipuncula** [MA13]. **sipunculan** [SM15]. **sipunculans**

[MA15, MA18a]. **Site**
[AKI+16, GPK02, IOTS16, ITK+16, WOM+16, AJG+10, Ano96g, AL13, Avr02, BMK96, BCM02, BMOW09, BGG+09, BSSE16, CRJ+08, Cha03, CSL+07, CRR01, CDM+16, CMB02, CWE+17, DZY+01, DGN96, EQW+13, GOP+01, HBCC13, KGB16, MLP+10, MZH+10, OM16, OLG+01, PLS+10, PPFS17, RS02, RSH10, Roy05, ROBV+18, SC16, SD98, SWBKK10, TCG+18, TSOT16, WBML06, WAL+11, OTN16, MWK+18, RCL+09, TBB+08]. **site-U1344A** [OM16]. **Sites**
[PBVC+16, BMB+18, BLW+09, Dud06, DBH+20, EQW+13, FSM93, GPMZ+10, GG95, GK16, HFL+15, HSC+07, Hus16, KSDE16, LGO08, LKTS01, MSD+18, MSNL09, NGM+05, NCSB+98, RAL04, SRDV07, SKM01, STD+20, Thi98, VSR+10, VHC+17, VT01, WBBM01, Wit00, Zim19]. **Sitka** [RDSA+21, SMBL19]. **situ**
[BB03, Boy02, BSS+02, CAGLV+06, FBCP01, GMR06, HS01, HBSL01, KWT+16, LFPC14, LAW+05, MGT16, MNB02, MRM+12, MGN+18, OE06, PTO+16, PDB+16, SMH+06, SCM+08, SNFK20, SSI+09, SAL95, TRM+14, TPP+20, TRM+15, VMBS03, VSGGPR14, WN01, WC06b, WSL+11, YOI+09, ZZP04, CFR+14, CJF+98, ETP+16, KLTS13, KSH+09, LPdR+14, LCL+09, Mah16, MMS+16, PGPP+13, RJM+15, TSMS09, VKC09, WJS+10, YSHS08]. **situations** [CRNP06]. **six**
[JBOH10, JBÖ+16, LPM+19, RP17, SYS05, SBC17]. **sixgill** [CW15]. **Size**
[CSM13b, CLSS15, DCA09, FHAH16, FPB04, GKBG17, IHI+97, JPSB93, KRGT14, LOA15, LL95, NPA+22, OBM+93, RWR+02, SH99c, THT11, TLKT00, VFS02, ABC+05, ADGA05, ADGA06, BHHM+12, CD20, DMS+10, DTWW17, DTWW21, DPS+14, DTP+05, EWF+18, FJR+20, GRWW01, GGTMG+10, HSBT19, HAM+15, Jac95a, JLAD95, JZ93, JPZ93, KSL+04, KMOM19, LWSA08, LDHO+14, LHZJ13, LWB+20, LAPL+16, LBE06, MSW+13, Mil94b, MHVM+08, NGM+20, OUJ+19, PAR+08, PTD+14, PW12, RSW+13, RE98, RJGBF02, SHI06, SG99, SOS01, SHWW22, SP00, SWH08, SBE+99, SLLT10, TLSY11, TKF16, TDKA05, VvdLS11, WHF+19, WSE+16, YWI+02, ZSZ+19, ZTZB09]. **size-at-age** [HSBT19]. **size-based** [RSW+13]. **Size-differential** [TLKT00]. **Size-fractionated**
[CLSS15, FPB04, JPSB93, LOA15, OBM+93, RWR+02, SH99c, VFS02, DPS+14, PTD+14, SG99, TDKA05, VvdLS11]. **Size-frequency** [GKBG17]. **size-related** [MSW+13]. **sized** [PSK00a, TLK+02]. **sizes** [RCKCK07]. **Skagerrak** [Fon96]. **skate** [WST15]. **Skaugran** [WWN+02]. **skeletal** [STR+14]. **skeleton** [SMB+98]. **Skeletonema** [MGG+09]. **skeletons** [RAF+14a, RAF+14b]. **skies** [CWWB04]. **skin** [MSW11, Zül05]. **skipjack** [AKK+17]. **sled** [NCSB+98]. **sledge** [BEB+13, BHJ+14, BEM+15]. **slice** [HFM+02]. **slick** [TAB+16]. **slicks** [ZDP+16]. **slip** [CPW+18]. **slippery** [JRKR19]. **sloani** [BBB+01]. **Slope**
[AKI+16, Bai09, BN04, KBB07, Lad14, dMCNC99, AAG02, ASBM02, ARK+94, BDWG02, BH99a, BBS+20, BLM+10, BRW00, BKD06, BA94, BPB+94, BG94, BH94, BD94, Bla94, BPBJ13, BHSJ16, BAF+18, CLT94,

Car10, CRMI18, CBHF10, CDL94, DGN+17, DPLB94, DTB+02, DGK+22, DCR94, DGB+98, EBGCL08, GPC+04, GPMZ+10, GBPB+13, GPB09, GOM+09, GAC+02, Har94, Hec94, HdMR+99, Hil94, HC05, HvH04, HFP94, JWO+09, JBS+10, JMM+13, KGB+11, Kem94, KBKW13, LG00, MSH10, MA18a, MA18b, MAK+16, MBB+02, MMWM00, MKB+10, Mil94b, MKKF18, MMM+00, NR00, NCSB+98, OTN16, OAH+16, PGS14, PS03, RV00, RH94, RFJ10, RSH10, RTM14, RQRVM10, RKM+22, SLS17, SC10, SL94, SE14, SM20, SN00, TSOT16, TBA+02, TWL+15, WRZ+19, WZZ+19, WLZ+19, Wir94, YXC+19, ZZY+19, ZLW+19, ZWQ+19, ZSZ+19, ZWJ+19]. **slope** [ZZM+13, ZS19, SRY04, YERT13]. **slow** [MR15]. **Slowing** [Jur20]. **Slupsk** [BRSB16]. **slush** [JVL+16]. **SM** [LZS+18]. **SM-A87** [LZS+18]. **Small** [FVW08, Gre04, HEW15, JSP+17, SVB+19, SGB+08, vHSM04b, AML+19, ADRS19, BvGH+17, CGR+96, CMC11, CWE+17, DLWW23, DLB02, GMD07, HK08, HPM02, IARR01, JRGLJ+19, KOM17, LTF+19, LM96, MCL+19, MT98, PRC+09, PSK00a, SSW05, SHW+16, THT11, YCA+20, vFvdBB+02]. **small-celled** [HK08]. **Small-scale** [FVW08, Gre04, HEW15, SGB+08, AML+19, HPM02, IARR01, LM96, SHW+16, vFvdBB+02]. **small-sized** [PSK00a]. **smelt** [LZL+22]. **Smith** [SL06]. **smithii** [CB00a, VAM97]. **SML** [VSR+10]. **smooth** [ZRG16, ZDO19]. **snapshot** [BBB+11a, KVPK20]. **Snow** [Ald95, DBMI17, FJR+20, GKBG17, HNW+08, JVL+16, LT16, LTW+11, Pas16, SBG+03, SHW+16, TMT+11, TML+16, WSL+11, ZAC+15]. **SNPs** [BLBW+11, XSL+17]. **SNVs** [XSL+17]. **soaked** [PUP+07]. **SOAR** [MSV18]. **social** [SBL+18, VF08]. **socialis** [BLB+02]. **society** [Ham07]. **socio** [RDSA+21]. **socio-ecological** [RDSA+21]. **sockeye** [RNB07, SAB08]. **Socotra** [WST15]. **soft** [AWL+09, DCH04, ELG+22a, ELG+22b, RVD+10]. **soft-bottom** [ELG+22a, ELG+22b, RVD+10]. **SOIREE** [BL01a, GBH+01, GSMB01, BA01, HBSL01, NW01, TA01, Zel01]. **SoJaBio** [BPBJ13, Che13, MB13, SS13a]. **SokhoBio** [Ala18, BAF+18, CP18a, GMB18, MCB18, Mar18]. **solar** [BCG04, PPRHLF02]. **SOLAS** [HLS+11]. **sole** [PDC+21]. **solenogaster** [OBH+18]. **solibores** [HvH04]. **solidissima** [BCL14]. **Soliman** [SR08b]. **solitary** [BCNS15, MDJS11]. **solitons** [WTJ+19]. **solubility** [SZG+13, VQ97a]. **soluble** [FCW+15]. **solute** [GAC+02]. **solution** [Mar19]. **solutions** [CJ19, WLD+07]. **Solving** [HZL94]. **Somali** [BC03, DH97, DQSF02, DDB+97, EO02, ZSIW21, ZB00]. **Somalia** [BBV00, CB00b, KBV+97, vC97]. **Some** [Bas19, FM13, JWO+09, Joh19, EWG94, FKW01, HS96, MBTM97, PRSS23, SFK+12, SKM+12]. **Somniosus** [CFK15]. **Sonar** [KR11, CES98, NDE14]. **Sonar-based** [KR11]. **Sonne** [LSU04, BM15]. **Sonnenemertes** [CAK15]. **sorption** [DSD12]. **sorting** [EBDL08]. **Soudelor** [HZYZ10]. **Sound** [BBW+15, Cam18, DZ08, GKR+18, LC16, LB18, MC18b, MCCM+98, MOA+18, BE18, BSRB17, GBP21, LKD+15, SBA18, CBA+05, LMH+18, SNMH18]. **sound-scattering** [LKD+15]. **sounder** [LMLC+17]. **Source** [BK96b, SCC+11, BPD+15,

CVA+13, DHS+09, DWW+02, FGH+13b, Har94, HWP+07, KCA05, Kha18, MDH16, NMS09, PPR+20a, Rai11, SUK+06, WPB11]. **sourced** [OBC+14]. **Sources** [BBB13, CC01, MTMK+13, Pri06, RLD+15, AHV+00, BDWG02, BPF+03, BLS+97, BTS+08, CGM+07, CB09a, DTB+02, DSYH09, FC15, HF01, LPFS97, LRH+11, MKKF18, OSM+20, RAC+20, TD16, VBF+02, WWH97, WYW+02, YÇYTKB06, ZX12, ZWL+22]. **South** [AJP+22, BEC+96, BG94, CFV+18, CSG+15, ESL+10, GDE+96, GW15, HPY+15, HWC07, LCT+07a, LSL+15, MB96, MMC11b, OG11, PWTH15, PHD+18, PBN10, PMM+94, RSCFT+16, SGW+15, SMPSD04, VALM17, WWcW+15, XGL15, ZHY+13, ZSLL15, WPL+15, Won15, WKLM15, ADE22, ATLD+20, ACR+20, Ano09a, BCKH07, BGDT11, Can06, CMP14, CEG+11, DPS+11, DSJ+11, ETDB11, FVSRR14, FBCN00, GQ09, GFW07, HBR11, HZK04, IIM02, JLTD11, JDD+11, JDBP+05, KCTG16, KIM08, KVPK20, KWH+05, MAR+15, MFS+23, NMWH19, OB22a, OB22b, PRMM+17, RLH+03, RNR20, TPW07, TRHA01, TWPP07, VLK06, VFS02, VKG93, WGWW11, WNA+10, WRS99, ZRC+11, ZGGF22, APL+23, ACV+01, ACG+01, AJR+15, BJK+22, BCG+22, BW99a, BN04, BSZ99, BY04, BHJ+14, CSL+22, CdST+17, CG21, lLCCC07, CHL+15, CLSS15, CSL+07, CCC+03, CWEHT22, CWS+23, CHH+22, CHR97]. **South** [DW15a, DDN+04, DHS+14, DNR20, DRR17, DLL+15, FC15, FSGV+09, GWL+15, GM11, GSB+23, HSR+23, HRSJ23, HLG+21, HNM+20, HMS+13, HKN+04, HKAM12, HSR+22, HSD04, HFL+15, HZ19, HHX+10, JSWB21, JKB04, JRG+22, JFK+10, JBVW12, KFS+17, KMG+20, KWW04, LRFK99, LOA13, LSNH15, LDBS+17, LSU04, LLH+15, LW15, LWW+15, LCW+07, LH07, LTW+22, LKH+07, LCT+07b, LBY+10, LHKHH10, LCE+23, LT03, LFKF+17, MS99, MV19, MMH+08, MNR+11, MGR03b, MF09, NTF01, NMR10, NRH+20, NRBO+05, PHM06, PW15, PD01, RCW+15, RPB02, RHB+04, RSCFT+13, RTM+20, RAB+17, Rog17, SKC99, SHD+14, SHB02, SRW+10, SLHS20, SHC+22, SBC17, SDGH14, SLC+15, SLB+15, Sum19, TGLN93, TTLP06, TM22, TWL+15, UP09, VVV04a, VTD+20, VM01, WKM+07a, WT14, WLD15, WZC+19, WRZ+19, WZZ+19, WT12, WC07a, WAN+15, WKM+07c, WYIT13, WC07b, WDC+15, WCL+15b]. **South** [YXC+19, YZZ+19, YKY+07, You99, YMMC11, ZV13, ZWC+15, ZLZ+15, ZZY+19, ZLW+19, ZWQ+19, ZSZ+19, ZWJ+19, ZS19]. **south-central** [BCKH07]. **South-east** [PBN10, ADE22, OB22a, OB22b, SHD+14]. **south-eastern** [TPW07]. **South-equatorial** [SKC99]. **south-west** [MAR+15, MFS+23, WNA+10, WRS99, ZRC+11, ZGGF22, AJR+15, JFK+10, LDBS+17]. **south-western** [ATLD+20, ACR+20, NMWH19]. **southcentral** [BMB+18]. **Southeast** [SH02, ULH+21, BES11, BSG+11, Blo02, BA02, Bor01, BTUV08, CP02, DMW+07, GEP+16, GS06a, LWO+09, MFPL19, NBB+02, NDD+14, OS02, PPB+22, RPMS95, SKR+12, SWCB02, TBH09, WSFB02, WKM+07b, WKM+07c, BT98, BNP+09, KMOM19, MC18a, MSRM08, RCL+09, SBK+16, VBM+19, Wei15, WNHF+15]. **southeastern** [AZK+20, AKHR+20, BRB+13, CKH+05, CKB+07, CML+14,

ESDM13, FB05, GGC19, HSHM02, HSW+02, HBJ02, HSSN08, HRK14, KHS+02, KIM08, MHO02, Mac08, MDH16, OMS06, OYM+13, PC08, RS02, SMZ+08, SBB+11, SHM13, SNS+16, SS02, SDAH+12, SHR02, SKSW02, SBS07, SKM+12, SGM+14, SHPM14, SF08, SPP22, TKF07, OGG+20, RD02, SDL22, SSDA13, JJVH18]. **southerly** [BSH+11, RPMS95]. **Southern** [AS01b, BTFB12, BTR95, BSL08a, BTUV08, CBB+00, ETD+11, FWP+07, FvFC+11, GAL+20, GFPM02, HC15, HBC+23, HPM02, JSWB21, JBVW12, LBR+11, LRL+22, LCE+23, MB07a, MSF+22, MMH+08, MNR+11, MDS+16, PDH+11, PHE+18, PSF+07, SBQ+02, SAM+00, SA03, TM22, TVLB08, VPP07, WAL+11, YMMC11, ZLJ08, vBBR+08, AGGdC14, AKZL16, AKM+05, BMS+18, BTR20, BvWR+20, BBR+96, BA94, BG09b, BT03, CRD01, CTW+15, CHPS00, CDG00, CCC+03, CTW+20, CD20, CPW+18, DLLK15, DMC+01, EWP+99, ESWL20, EMEP18, EPHE18, FLM10, FPW02, FGH+13a, FS14, GBC+13, GHM18, GGAMV+23, GPCT23, GBC+05, GMC+12, GZZC10, HA10, HHMF11, dlTGCAB+03, HSH+13, HFP94, HV03, IBD10, IAA96, iITT+15, JCM+13, KLL03, KFA+20, LCR+96, LM01, LBB+06, LAT+18, MPMD+06, MC06, MCM+14, MWK+20, MGJ+18, MC18a, MWT+17, MNSMN+04]. **southern** [MCS+09, MT96, MdSLH13, NDD+14, PS04a, PKHH17, PvRR18, PJC19, PMF+17, PBGCD+13, PJLO+17, PNC+06, QS04, RWT+20, RLB03, RYT01, SMR+06, SSWM18, SWK+23, SMS01, SPF+94, SFK+12, SBK+16, STS+15, VGGLB15, VDS+20, WMW+20, WL20, WOM+16, WTJ+19, WZ03, WWHT20, XWZ24, YSBH06, YLBdR03, YS01, ZZM+13, dBC+09, dSSB+01, vC97, ABC+04, AMvD+12, ACPV04, ABE+11, ACFS02, AA15, ACSG15, AHK99, ADAM02, ACBMQ08, AHB+17, BC11, BCE+07, BDB97, BWL01, BCT21, BSK+97, BLBW+11, Bec97, BSS20, BBM+08, BCG04, BFT+97, BBE+13, Bis94, BSG+02, BCH+11, BL03, BPD+15, BFML+08, BABB08, BTC13, BMF+01, BL01a, Boy02, BCH+19, BVB14a, BBBM04, BBB+07, BE09, BEB11, BVB+14b, BW14, BWWG98, BB04, BCB07, BNFS01, BDNS03, BBA+01, BBD+03, CSEP+17, CRDP02, CCBL14, CGM+07, CGSZ13]. **Southern** [CAFK03a, CAFK03b, CWWB04, CFT+04, COV+08, CP03, CHH+22, CS20, CAÖT04, CBS11, CSS+02, DSN+10, DDS11, DeM02, DRBM97, DCA09, DSO+97, DKN+97, DB97a, DSN+20, Di 03, DFD+11, Die07, DWJ+15, DB97b, DB02, DLKP14, ETDB11, FdBGP11, FAS+03a, FAS+03b, FMO02, FLMF07, FRW00, FS07, FBCN00, FCA04, FCAD04, FGH+13b, FBCP01, FPGH02, Fro04, FPB04, Gai97, GBL+08, GAL+12, GCKC07, GPB09, GCB04, GPK02, HS01, HBSL01, HS98, HZMH07, Hei02, HMS+03, HWCT04, HWCT11, HFM+00, HHP04, HWS+07, HSC+07, HMA20, ISB+11, ILWH03, IIM02, IPH+17, JBM+08, KBLA97, KBB07, KSL+04, KNV+10, KCMT+20, KLM+11, KWW04, KMD+11, LB07, LGO08, LEP14, LYN+13, LW10, LGVK+14, LBB+07, LTW+22, LS10, LZL+22, LSA14, LBGW97, MQ01, MT15, MCH+13, MPL15, MTE+02, MMTT+20, MV01, MTWC+15, MKT+15, MHA+15]. **Southern** [MMH+08, Met09, MLBB14, MBK97, MvSdBL11, MdBL+11,

MNV+20, MNPT06, MMT08, MBT97, MSTT07, MC13, MQACB08, MLS+15, NGS+15, NGM+20, NBSF01, NAB+02, NSvH+11, NMR10, NLY+13, NTH10, NW01, OCL+08, OSCS00, ÖCB+04, PFP02, Pak04, PF04a, PF04b, PLRV22, PDA+20, PMJW10, PMS+20, PFdSG11, Pee97, PMJ20, PLR02, PBD+02, PO15, PPR+20b, PGK15, QTPS97, QB02, Qué13, RGTV97, RDP+02, Rai11, RJM+15, RDW+22, RGW04, RMBW07, RGH+24, RHB+04, RGHN+97, RHPC+19, RW95, RMPI+17, Rod13, RDdL+13, SGA+15, SLC+20, SLS+07, STJ+08, SMCA01, SVD97, SH11a, Sch02a, SE07, SF04, SF11, SSH+11, SMP+15, SNB02, SDB+97, SSS+11, Smi11, SBN+15, SBA+20, SWGPK17, SLC+15, SCC+11, TOF04, THJ+17, TLSW15, TDvdE+10, TGK+11, TAL+12, TNT+15, TSSR20, TP02b, TP02a, TLK+02, TPS+15, TRHA01].
**Southern**
[TA01, TDC08, TOP95, TCH+16, VQ97a, VQ97b, VSD+97, VTA+11, VVM+12, VKM+10, WN01, WW04a, WFF07, WHNS04, WCK+18, WDG+02, WvdEP+10, WW04b, WPB11, ZDW+20, bsBD+20, GBH+01, GSMB01].
**southward** [AJR+15, FS07, PMS+20]. **Southwest**
[BLB+99, CDA98, DOB+01, LCL+98, Sam01, BRG17, BEGC04, BC03, BCBF03, BSRB17, CWB02, FAS+03b, FA02, HML99, HAM+15, JR04, KOO+24, LB93, MAH+12, RP17, SZH+04, SKW+04, WACGH11, ACD+17, Ark13, DT03, FYS+17, GGH98, HRX17, LBSB+17, LB98a, MMHB98, ML20, PR17, RMA+20, STB+17, SOS01, SSAL+17, WLC99]. **Southwestern**
[BSL08b, MP17, BDR+03, CRA+20, ESK06, HRS+23, JKP+17, LPPK14, MAN+20, MGT+20, OTK+05, PW05, PPYN15, PSB14, RKM+23b, WC24, YK04, CBA+20, EBGCL08]. **sp**
[AM15, AM18, AM22a, BCNS15, CAK15, CP18a, GMB18, Gol18, GBBS00, KBR18, MB07a, MGE13, MB18, MM15, QRE+17, SS13a, SM15, Ste13, SC15, UC13, VK04, VHM17, VWTK18, WST15, vFvdBB+02]. **space**
[HMSMK04, JBB+13, PBO+11, WWHT20]. **Spain**
[JRGLJ+19, BFM+14, BFG+10, CJA+06, HNRGL06]. **Spanish**
[CR06, Can06, DFY+23, LTL+23, WYL+20]. **Spatial**
[ALHP18, AMH+01, BDL+22, BGIJ+06, BFC+06, BEC+96, BO96, BCS99, BG94, BY04, BMGC09, CJA+06, CG07, CMR+18, CRBK03, CHR97, DSB+18, DABMAMA04, DVS+14, DLW+17, DG18, EGL+16, FPB+14, FLM10, FAMY20, GMR+09, GLK+06b, GKR+18, HP98, HdMR+99, HC05, HNCW23, IFFGL+04, IIM+09, KOM17, KAI21, LBC+98, LAP+17, bLHsL+13, LMC+12, MRRG23, MDH08, MMS+19, MPH+22, MO96, MG13, MHA+15, MBK97, NR06, NBSM01, OM98, OS04, PWD+11, PPYN15, PvRR18, PH96, PMF+17, PRDB+17, PLPS98, PAM+14, PE17, QLU09, RSWG04, RMCAR06, RJDR06, SBM16, San13, SPSM23, SL94, SLM+20, TWA+12, TM22, TLP+12, WCMB06, WPW95, WW04b, XSM+19, YAS+93, ZXLL10, bsBD+20, Ano97b, BH14, BHMC05, BBS+20, BWS+98, BF14, CD09, CLL+03, CGR+96, CBSS02, CWEHT22, CSS+22a, CHH19, DS21, DCC+13, DSG+09b]. **spatial**
[DRR17, DPY14, DC06, GDE+96, GSW+09, GHB+05, GGRW98, HWM02, HHMF11, HLS+02, HPY+15, HHKH+04, HSSN08, IS07, IPTH03, KWW04,

KL13, LCD+24, LJBF00, MRB+14, MMID17, MHB05, Mit96, MFG+04, MMC11a, MGGTM19, MARFP08, MBC+09b, MPS+03, MTWH04, NSY04, NBBBT13, OHK+02, OTOH05, PPA10, PFP02, PTS01, PdBK+03, PFAZL09, RMA+20, RSW+13, RBP+05, RSCFT+13, RSCFT+16, RJGBF02, SSH+02, SiSA+02, SLHS20, SFV+98, SBSH99, SW01, SGC03, SGI+19, SGB+08, SMS+08, SMLS02, TLSW15, UPS04, WMB+13, WC24, WMS+96, WGMC14, Ano95b]. **spatial-temporal** [CHH19]. **spatial/temporal** [SMS+08]. **Spatially** [SLT+11, BMH+94, HHD+09, TPW+16]. **spatially-diverse** [TPW+16]. **Spatially-resolved** [SLT+11]. **Spatio** [ÁRR02, AGAB19, ACG19, BBH05, JBC+21, OYK15, SWBKK10, SMSI08, SBA18, TBH09, TMGLM19, YKS+19, ALR+14, MSI+08, RJB+04]. **Spatio-temporal** [ÁRR02, AGAB19, ACG19, BBH05, JBC+21, OYK15, SWBKK10, SMSI08, SBA18, TBH09, TMGLM19, YKS+19, ALR+14, RJB+04]. **Spatiotemporal** [BFT10, SPEPS18, BvGH+17, TT17, WHF+19]. **spawn** [BCBB12]. **Spawning** [MBD+17, NHCL14, AI09, BE18, CHPF10, EEAA+19, FPS10, GSC+19, GGTMG+10, GGRJD+10, HSC+19, KT06, LWB+20, NDD+14, Pro09, RSB+17, SAVP12, SCH+19a]. **special** [ABC+04, CSS+10, DNR20, Har11, HSSN08, KGB16, LSHB09, MM14, RBMY02, RH94, STM04a, STM04b, TTL+16, WTL+06, ZS19]. **specialization** [TCEW07]. **specialized** [AZYT16]. **speciation** [AV97, ABE+11, BC11, CHN+18, CAÖT04, CWdE99, JM15, KTF07, LGC+12, MS99, MMN10, PLdL97, PD01, TY98, WLL00, WJS+06]. **Species** [BDR16, DTWW17, DTWW21, FCBD08, GRB+17, JBOH10, Kam13, Kam18, LCVV06, LCD+24, MNN10, MHC+10, NOFP14, OA11, RQRVM10, SSM09, VVV04b, ZWJ+19, AMJRD19, AM15, Ala15, Ala18, AP22, ADE22, Ano96g, BGIJ+06, BMK96, BVL04, BV04, BTR20, BPPJ15, BH97, BCNS15, BCE18, BLH05, BSCE15, BT03, BBT+18, BZvHH00, BB04, BMK09, BFK+14, BHK+10, BOJ+10, CKFC18, CSE+22, CRA+20, Che13, CP18b, CP22, CLQ+18, CBMM15, CBHF10, CMTS97, CGD+15, CP05, CPEN08, DDS11, DZL+17, DRVVS+14, DM16b, DSC+19, DAGK+17, DG18, EEAC+20, EBGCL08, ELG+22a, ELG+22b, FM13, FL02, FGB10, FNS20, GTSC08, GASGB+14, GLCU+17, Gol15, Gol18, GM22, GIPLL+14, GBSL98, GGO+14, Gut06, HDK08, HNS+11, HRS+23, HIA+16, HK10, HSZS17, IATK17, JR11, JLR+13, KBK+18, KOM17, KGB+14]. **species** [KGS23, KBR18, KEA+17, KRHS20, LRFK99, LPdR+14, LMS15, LSHB09, LdSN+18, LTL+23, LMLC+17, MS09, MTGY05, Mah16, MA13, Mal15, MFB18, MG22, MP17, Mas01, MHPS19, MM15, MPH+16, MFS+23, MST+14, NMK+20, NCL13, OKH+22, OCG+09, OCT+19, OBH+18, PSUH+16, PC98, PRSS23, QNL+16, RCW+15, RMBW07, RMD+12, RP18, RHPC+19, RQM+08, SZM10, SLdB+15, SSMC10, SBE+07, SKS+23, SSAL+17, SRAL+17, SDB+19, SKMDR02, SM03, SLT+14, SHC+22, SBG+06, Tan03, UC13, VK04, VPdP06, VFFM13, Vri09, WSSN10, WAL+11, Wil08, WTA+18, XSL+17, dMGPT+14]. **species-diversity** [PC98].

**Species-specific** [NOFP14, BFK+14, RP18]. **Specific** [MNSMN+04, BFK+14, BLC+02, DEJ08, FVSRR14, HIA+16, KBR18, MGT16, NOFP14, OMAA18, RP18, SLT+11, SPW+22, VBM+19, ZRG16]. **spectacled** [CSG+13]. **spectra** [APLW09, BW93, Jac95a, JLAD95, SHI06, SP00, TSW+12, WSE+16, ZSZ+19, ZTZB09]. **Spectral** [DNA97, Arm03, HLFP08, HS93, MHA+15]. **Spectro** [LCW+07]. **Spectro-radiometer** [LCW+07]. **spectrometry** [SKD+16, STWW01, WJS+10]. **spectromicroscopy** [AWL+09]. **spectroscopy** [HS93]. **spectrum** [HAM+15]. **speed** [HCZ+07, Led93]. **Sperm** [MBG18, SGB+08]. **Spermonde** [CSS+10]. **Sphaerephesia** [Ala15]. **sphaerica** [GBBS00]. **Sphaerodoridae** [Ala15, SRAL+17]. **Sphaerodoropsis** [SRAL+17]. **Sphere** [PFW+09]. **spherical** [CJ19, Joh19, Mar19, Pal19]. **spider** [ASMM11]. **Spill** [NM18, ALHP18, AKZL16, CMP14, DBG+16, EBM+18, GGM+16, LMH+18, LLG+16, MPM+16, Pas18, PDB+16, PFDD16, RP18, RPF+16, SAW16, ZA16, ZJA16, QNL+16]. **spills** [FSP+16, RD16]. **spin** [NAT+12]. **spinax** [CAJE15]. **spines** [Mah16]. **spinifera** [FPS10]. **spinifrons** [EGMB13, MGE13]. **spinosum** [PPC+07]. **spionid** [GLMB18]. **Spisula** [BCL14]. **splitting** [BWAS02, SAK05]. **SPOM** [ÇYAYT06]. **sponge** [DJ15, DFJ18, HCBL+17, KGB+14, KBFH14, NDE14, PCF+18, SKS+23]. **sponge-beds** [KBFH14]. **sponges** [DAGK+17, GJ11, HRX17, RJT11, TGU+06, YLG+18]. **spoon** [MA18b]. **Sporadic** [WM99]. **spores** [RGHN+97]. **spot** [GS06a]. **spots** [Ano06g, AZYT16, PBFS06, RN06, ZKSS06]. **spotted** [KM15]. **spp** [dSVC+14, AKK+05, AMK+05, BKS+10, BGMH01, CTCD05, GTTKB14, HPN+12, JLB+99, KTP05a, KIM08, LCDS00, MTK05, OLG+01, STR+14, Uys06]. **spp.** [SHC+22]. **Spreading** [KL96c, BBG15, JASS02, MR15]. **Spring** [BSK+97, BGMH01, CD99, HCS05, JCF+06b, SSE+14, SFB16, TSZT13, YSBH06, ARLB00, Ald95, AMP+03, Ano95b, ADAM02, AGM+93, AS95, BSMV03, BCI02, BRG+19, BDB97, BMGF93, Bec97, BS01, BSKD+07, BRSlW95, CAS+16, CDG00, CC03, CCS+16, CBJ+23, DNM+16, DPS+14, DSO+97, DKN+97, DB97a, DO01, DKQ+93, DC06, FMO02, FWP+07, FWC+12, FD01, FG97, FWM+11, FHYI03, GWR93, GTTKB14, HNW+08, HDD+11, HMAW11, HK08, HNB+13, IGN+10, IHSS+10, JCF+06a, JLR+13, JZ93, KBLA97, KJL+17, KFF+94, KMM+08, KAHS20, KYI10b, KUN10, KIN+10, KMO+10, KS10, KLD21, LMG93, LTW+11, LDHI93, LYN+13, LHM14a, LHZJ13, LXS+13, MH93, MLG+02, MNG+11, MGH+16, MBK97, MDT+08, MKS+02, NKF+10, NMK+20, NSY04, NYH+20, NED09, OVKN11, OHS10, Pee97, PTD+14, PFX+02, PCAS05, Pro09, QTPS97, QB02, RWRS08, SMB+93, SCGDU09]. **spring** [SPSM23, SF10, SHGB95, SvdMC+16, SSMM+08, SSHM+08, SLA+01, SSR13, SET+09, SVS93, SDB+97, SGM+14, SNW08, SDLZ13, SKF+10, SFP+09, SFW+13, SFZ+13, TS93, TKF07, TT01, UWvdE+16, VGBGPA02, VSS+93, VPS97, VMF+16, WAPL95, WSE+16, WT14, WGR+95, WPW95,

Wir94, YOK+10, YOO+10, YK04, ZZX+13, ZXH+13, vdLBB+02, vdMLB+11, DCM+99, LB98a, RA98, RFB97, Sam01]. **Spring-time** [YSBH06, SGM+14]. **spring/early** [FWP+07]. **spring/summer** [DPS+14, PTD+14]. **Springtime** [FPW02, GP08]. **Spumellaria** [IUdV+12]. **Spur** [SHM+07, HDF+01, HSM+01a, HCG+01]. **squaliform** [CP13, CGD+15]. **SQUAM** [DIM+12]. **squat** [CRT+00]. **Squid** [Ark13, OSG+13, BJP+22, FEB+13, IDSM04, JKJ+22, JRG+22, NA13, PNVJ13, Rod13, SRS+20, Sei13, SMV+13, SFMG13, SGFP13, TS13, VJP+10]. **squids** [CNOC13, LWB+20, NCSO13, TTDR13, YOR13]. **Sr** [ATN+12, HKFL03, Ike03, LLLP+03, MPS+03, PFG+03, SHWW22, SZS+07, WCJ97]. **Sr/Ca** [SZS+07]. **SRDL** [SSWM18]. **Sri** [CS19, LPJ+19]. **SS** [DCS+18]. **SSH** [Yu03]. **SSS** [BMT20]. **SST** [BMT20, DIM+12, KK19, NOLASZ04]. **St** [DSO+00, DKI+00, DI00, GLCP12, MCS+09, PCB+00, RSRL00, RSR+00, SVR+00, TLKT00, VSR+00]. **St.** [FBB+13, HNB+13, KIM08, WTI+20, ZX12]. **Stability** [SF11, CPEN08, Reb03, RP05]. **stabilizes** [OvdRvA+22]. **Stable** [ACR+20, BLM+10, BSS+00, Car10, CCM+20, CMVS+10, MBB+14, NMH+06, PGK15, RTC06, SHR02, Sot09, VCRDF99, AHV+00, BWD20, BFM+14, CHV+15, CRM+16, CML+09, DBMI17, GLCU+17, HFK+02, HAM+15, JSM+16, JHHK14, Kli09, KYKJ16, KHH+17, LL13, LPL+20, LNDH+17, MSW+13, MC18a, MKKF18, NMS09, PVK+20, PGFP+08, PCP+17, RSW+13, RKM23a, RPF+16, SRFR07, SAM+12, STS11, TSW+12, WWH+10, WYPY06]. **stable-conservative** [BWD20]. **stage** [BJP+22, CHPF10, CCC+23, GGPM05, Kli09, TIS+13]. **stages** [BGIJ+06, BZS+16, DDAH+14, HiII+19, HiII+20, MDH16, OB22b, Pro09, RDBP14, RGIH+06, SRS+20, SSDA13, SDMC03, SMV+13, TY98, ZA16]. **staghorn** [GNB+17]. **stained** [CG04, FDR+18]. **staircase** [MCM06]. **staircases** [MCM06]. **standardized** [BCN+17]. **Standen** [CL06]. **Standing** [KHC+09, OT03, SNS+07, DEL+17, DDB+97, HTD00, HAC+14, HZT+06, LMG93, LBGW97, RBA+01, SP00, TZS+01, THZ06]. **Stanton** [Ano97b]. **star** [SN00]. **starvation** [CM01, PSS+16]. **starved** [KWH+05]. **State** [JBB+13, KFA+20, PFX+02, SFH+18, TAB+02, VCSM09, WH98, YHL+12]. **State-space** [JBB+13]. **states** [DHCV19, FHAH16, HGB+16, JFM+17, TCH+16, VGZ+19, VCG+20, WYT19, BRB+13, SDL22]. **static** [RP05]. **Station** [CBT01, WLA11, WWC+99, BGS98, BB98, DBS98, DOC01, KWA+20, LSST20, LCT+07a, MHS01, MCPA02, MC02, PC00, PK03, Pfa93, SBG+98, SHR20, TWC+07, WTWC07, ZLOR02, AML01, BWD20, BRPH20, CFJL96, CTGD08, Chi96, CMH+20, DK96, FNYK02, INTS02, KCD+96, KBD+01, KNI+05, LSST20, LAMS+01, LDWK96, LIS+02, NKA+11, PLT+13, PKR+01, PDB+20, SE95, TNIW02, WCWW99]. **stationary** [CFR+14, CWSH20, Hol06, STN+06, SVS+20]. **Stations** [MPS+03, BDM+03, BHMK08, CM00, CGG+19, KMB11, NKE11]. **statistical** [Ano05e, BU05, HGK+18, LM13, SS05a, SS05b]. **Statistically** [Hol06]. **statistics** [SJ00]. **statocysts** [SLD+13]. **Status**

[LP19, PCY+13, CWSH20, CKL03, LKLK17, LSL+15, Mar13, SID19]. **Stauromedusae** [LDSV98]. **Steady** [TAB+02, BMRTL93, KB99, LS04, LGF03, YHL+12]. **Steady-state** [TAB+02]. **Stealth** [LLL+15]. **Stebbing** [DHST13]. **steelhead** [WWB04]. **steep** [DL04]. **stegocephalid** [BV04]. **Stegocephalidae** [BV04]. **Stegocephalinae** [BV04]. **Steller** [CFGR07, GS06a]. **stenolepis** [Loh08]. **step** [TP02b, TP02a]. **Sterechinus** [DFD+11]. **STERNA** [TOP95, TO95]. **Sternaspidae** [KMA+18]. **Sternaspis** [KMA+18]. **Sternoptychidae** [RBS17a]. **sterols** [Har94]. **stewardship** [HD17]. **sticking** [AHML95]. **stimulated** [NW01]. **stirring** [PS20]. **stn.** [FSL+01]. **Stock** [VBM+19, AI09, DDB+97, HIA+16, IHPA16, KT06, LMG93, LBGW97, NA13, OUJ+19, RBA+01, SNS+07, SPW+22]. **stock-specific** [SPW+22]. **Stocks** [CDS96, CHPS00, DKQ+93, CWSH20, DSO+97, HTD00, HZT+06, KG20, KHC+09, MBP09, MCS+09, PDC+21, SSP+09, SP00, TZS+01, THZ06, VSV+97, WvdE00, WvdEP+10, YK05]. **stoichiometric** [HCG+03]. **stoichiometry** [KBD+01, MHP+07, PBNF+16, YOI+09]. **Stokes** [CJ19, Hen19]. **Stomach** [RWT+20, CHV+15, DBMI17]. **stomachs** [PM10]. **Stomias** [BBB+01, BBB+01, DDAH+14, DMH19, SCH+19a]. **Stone** [BOJ+10]. **storage** [CSS+22a]. **storm** [KDSR19, RBO07, ZDA+16, MFE+02]. **storm-induced** [ZDA+16]. **storms** [DHGO23, PMLM+02, RWG93]. **stormy** [MPV+11]. **story** [FRBB13]. **stpichiometry** [HMB+96]. **strains** [RHL+16]. **Strait** [Blo02, CR06, CLPL+09, HZL94, IMP+02, KOLA+18, KGdC+18, MISC+02, MMSS14, PIP+02, RVJG+05, RJGBF02, WWB04, dCHdOF+18, ES04, BIP+02, BTP+18, BMG+04, BSKD+07, BCDV02, BAF+18, BAC+02, CHL+15, ELB+02, ESWL20, Fig02, GCR+02, GGLP02, GLSK+17, Heb00, JKN+05, JC03, KAHS20, LDV+02, LHKHH10, MTD+18, RVJG+02, SCGDL02, SNH+23, SH99a, SH99b, SWC+02, SZH+04, SWO10, SJL05, SABP+16, THJ+05, WGFS03, WYL+20, WWN+22, ZGW+23, vCHM18]. **Straits** [DÁSCP02, RVZ02, VFS02, DCC+17, Gar04, Gre04, Ive04, LS04, Pra04, ÁRR02, DCS+18, LAF+02, ME02]. **Strategies** [DSC+19, KKH+02, LBM09, dLWFB08, BC08, BFF+10, DEJ08, DLF09a, HCZ+07, MFH04, NSLAP+17, ROB+17, RDdL+13, SFPH+08, SKH+10a, TGU+06, TCEW07, Wya14]. **Strategy** [ROBV+18, AH17, CW18, PBB+13, SS09]. **Stratification** [CMV+20, Ive04, LS12, UKJ+20, ZHD+08, DKI+00, FPW02, KxF22, LCG03, LL14, PR17, RBS+17b, RMK+14, SSSC19, SF11, SD96, SF08, WC06a]. **stratification-enhanced** [RMK+14]. **stratified** [dSVC+14, BDW+96, BMR+14, DLG+14, HHH+15, KFF+94, LBR+08, LM96, LCR+96, NDG96, RBMY14, Rai14, TMH+08, TMC04, Uml05, WABW02, ZFA+02]. **Stratigraphic** [MTR+10, BLI+09, DBD03]. **stratigraphy** [AKI+16, FSG02]. **Stream** [AHN23, DWBP13, JTDG13, LM13, MHB+23, PAUB19, RSC07, RYT01, SRY04, ST13, TTFJ13]. **streams** [DME+18]. **Strebel** [GWDP11]. **strenght** [Ano97b]. **strength** [DBN+11, LLK+16, LWO+09, WMS+96].

**strengthening** [SYB+11]. **Stress** [BFSK08, AAG19, DDLK06, HS05b, KKSA19, KKD06, LZM+13, PHD+11, SCL+04, SRW+10, SSSC19, YPY+13, YAOW05]. **stressors** [DW15b, SSP+09, WYT19, ZHX+16]. **strewn** [Kyt02a]. **Strike** [MCB+15, CPW+18]. **strike-slip** [CPW+18]. **stromatolitic** [ACBV+18]. **Strong** [MHB05, OBKA17, BBB13, MP99, MBG09, OG11, PS19, SVAGRCS04]. **strongly** [dSVC+14, HTW14]. **Structural** [IBK+11, SSK+05, SSK+07]. **Structure** [CPS05, DAKR20, FMWD07, MKD+20, MMJ+03, NPF+09, SMS01, ST07, SFP+09, YWI+02, ZV13, ADV+01, AVS+20, ACBMQ08, BCI02, Bai09, BH14, BPC05, BH19a, BGCH20, BvWR+20, BSKD+07, BG94, BF14, BTC13, BHHM+12, BL01b, BMSBM+17, CLC+98, CTBNL08, CDM23, COV+08, CBW01, CMH09, CGR+00, CSGV13, CRBK03, DMS+10, DRD06, DGN+17, DCA09, DGK10, DDB+17, DSO+00, DCH04, DCR94, DPY14, DI00, DFK+06, DHST13, ENM+14, ENM+16, EGMB13, EBDL08, EWF+18, FJR+20, FWP+07, Fro04, FB05, GBH+01, GRWW01, GSK02, GGH+00, GPF16, GPCT23, GdRGH+14, GGPM05, GIPLL+14, GS06b, GKGW22, HWTP07, HV98, HNK+12, HSK+00, HFP94, HLL+09, HPM02, HWJ20, IBD10, IFFGL+04, IHI+97, JZ93, JPZ93, KWF+19, KBL01, KFG+03, KRS+11, KFJ+05, KAM+20, KL03, KMG+20, KWW+12, KHL+17, LMLJ18, LK02]. **structure** [LS14a, LGML00, LMKL09, LWW+15, LHZJ13, LWB+20, LTW+22, LB14, LLT+00, MSH10, MBHN02, MBP+20, MWK+20, MK21, MC18b, MCH22, MTK+18, MAB+01, MSJS08, MBC+09a, MHVM+08, MT96, MBO07, MPTW11, MSBS01, NGS+15, NOLASZ04, NKK+00, NMC+07, NTH10, NDG96, NPA+22, OE06, OYM+13, OYK15, OKY+17, OS02, PF04a, PKW07, PP95, PCJ+05, PRA+95, PFPJ+09, PBO+11, PHS03, QED+14, Qué13, QRE+17, RA98, RPA07, RMB05, RJB+04, RAF+11, RCCP13, RJGBF02, RGL+06a, RWN+08, San13, SVR+00, SSMM+08, SF99, SLMP07, SOS01, SGJ+20, SKL+22, SGI+19, SSI19, SMB+98, SE14, SMPSG+04, SM20, SCWK08, SBE+99, SCSMT20, SKM+14b, SPH+08, SWMB10, SSAF02, SSI+09, SKH10b, TSW+12, TBEW99, TZS+01, TLSY11, TLR+00, TS10, ULTL16, VPdP06, VSR+00, WHF+19, WMH+07, WH98, WGB+04, WAV+12, WAT12, WvdEM00, WCH+93, WGR+95]. **structure** [WFW+17, WBD17, WABW02, WCK+18, WvdE00, WvdEP+10, YCD+06, YOO+10, YHK15, YJL16, YD09, YNK07, YLH+10, ZJH08, ZW23]. **structure-building** [GIPLL+14]. **structure-forming** [LB14]. **Structured** [TFP+16, NBCT13]. **Structures** [MDSA19, BWC+02, CR06, HCG+01, KVPK20, LSST20, LDHO+14, LXS+13, NRH+06, PPM02, RR96, SL94, SLP+09, STR+14, TR02, TRM+14]. **Structuring** [BHS+19, BMH08, CPEN08, DHGO23, Dia04, HBC+12, JTK+14]. **studied** [HM93, RSF+99]. **Studies** [CC00, CPM+18, FSK+05, MB13, MCB18, PNLF02, PNLFS03, BLSW05,

BV98, BDO00, BGH99, BGS+08, BM15, BRPI02, CGG+12, CGPM13, CSM93, CM01, DGR02, Duc08, EFR+16, FGB10, Gol93, GPK02, HWCT11, HRG+16, IF95, JCF+06b, JASS02, KB99, LBM10, LLB+00, MFG+93, MSvL17, ML04, MC13, MLD97, PNLFS02, PP93, RGW04, RP18, RPF+16, RGL06b, SBKS03, SWDB+14, TYBY06, VPA+20, Web19, WBBM01, WDG+02].
**Study** [Ano96g, BMK96, BQT08, BHJ99, DFF02, DGN96, GOP+01, MHS01, SCB+01, SMB03, TWN+06, UWTS09, WWH+10, WCH+93, WKM+07b, WKM+07c, ABE+11, AGPR95, ANL13, AE02, Ano97b, AAL+17, BKM07, BCN+16, BMG+04, BvWR+20, BS21, BGDT11, BTS+08, BRPH20, CAH+09, CHPF10, CBF01, CWWB04, DWG+15, DD95, DRR+14, DZL+17, DK04, DKS11, DGT17b, EB01, EEAC+20, EO02, EOB03, FDR+18, FC01, Gai97, GWL+15, GGH98, GGH+00, GG95, GOC09, Har06, HH03, HS93, HBCC13, HZYZ10, HAM+15, JTW00, JSM+16, JCD+03, JBS+13, JMM+13, KM96, KFH01, KMA+18, LTG+09, LLR+06, LML+01, LT16, LVP15, LMG93, LSGM02, LCL+10, LTL+23, LPS14, LSS+07, MGT+20, MLP+10, MZH+10, MCB+15, MGMP02, MPS+21, MES+23, MGH+16, MKD+20, MTD+18, MW05b, MS18, MARFP08, MQACB08, MSG+00, MMG98, NEO+07, NYNK05, NSH+10, NC97, NMK+20]. **study** [NKB+18, OLG+01, PLS+10, PLRV22, PS23, PTS01, PRJW05, PAUB19, ROB+17, Rai14, RAC+20, RAS23, RKB18, RMC+93, RDG+95, RBXM15, RNP93, SCCG09, SH99a, SH99b, SBS+00, SBHS20, SK02, SHM+20, SHR20, SBA+20, SGM+02, SMG+07, SAM+12, TSZ10, TSZT13, TOF04, TLW+94, TPS+15, TTA+16, TO95, TOP95, VBF+02, WKM+07a, WZZ+23, WZW+95, WMS+96, WBBM01, WBML06, WAL+11, WLD+06, WCS07, WWW+02, Won15, WTSP07, WPFB11, ZDWR95, ZJH08, Zim19, ZG15, AS01b, DD06, LMB+98, MK96, MCG+98, MJG95, SBCH02, SMBM99, SAM+00]. **studying** [GMB13, KBE+04, NB10, TT17]. **Sub** [AKBD13, CEG+11, CMG+11, ETDB11, EFR+19, FLTV97, HD07, PHS+11b, PHD+11, RPA07, SLB13b, WGWW11, dSEDW11, ASH+11, BK99, FVSRR14, HB03, HAH+01, HAM+15, INTS02, KMM+08, LBR+11, LCS+06, LSS+11, LGBC06, PDT+11b, PLL+06, PBB+13, SCPC98, WBO07, Ano09a, BG09b, DPS+11, HRM+11, KMB11, MMC11b]. **Sub-Antarctic** [CEG+11, CMG+11, ETDB11, PHS+11b, PHD+11, WGWW11, dSEDW11, ASH+11, LBR+11, LSS+11, LGBC06, PDT+11b, DPS+11, HRM+11, KMB11]. **Sub-Arctic** [HD07, INTS02, LCS+06, PLL+06, WBO07]. **Sub-basin** [EFR+19]. **sub-bottom** [HB03]. **sub-euphotic** [SCPC98]. **sub-ice** [KMM+08]. **Sub-mesoscale** [RPA07, BK99]. **Sub-Polar** [SLB13b, PBB+13]. **Sub-surface** [FLTV97, FVSRR14]. **Sub-Tropical** [AKBD13, HAH+01, HAM+15]. **subambulacral** [Mah16]. **Subantarctic** [BSG+02, Had11, LPFS97, LQF+02, SBQ+02, TB97, WS11, BNM+07, BTD11, BGDT11, GFPM02, JLTD11, OA11, DSJ+11, JDD+11, RPA07, RGHN+97]. **Subarctic** [AHR+06, ANI09, BCS99, IYM10, NMH+06, SMH+06, TWN+06, UWTS09, AKH+02, BE18, BML+06, BHJ99, BGH99, BH99b, CMB99, CRM+16, CRI18, DP99, DP02, DVPR06, EBB+08, GML99, GBP21,

HRM+06, HOD+09, Har06, HTS+09, ITT12, KSH+09, KOS+16, KYI10a, KTSI07, KSU+08, KNI+05, KNN+06, KKNH02, LIS+02, LLK+09, LSC02, MBHP99, MP99, MSK+06, MJW+06, MSJ+06, MSS+02, MHM+14, NHS+09, NTK+09, OTNT05, OT12, RPAD99, STK02, STN+06, STN+09, SiSA+02, SD06a, STF09, SBSH99, SIS+02, SSE+14, SIFS10, SCWK08, SBA18, SKF+10, SMLS02, SSI+09, TYBY06, TT05, TRWB99, TSMS09, TNIW02, TTA+16, VH99, VCRDF99, VS99, WTCB09, WCH05, WSB08, WWC+99, WM99, WC02, WWW+02, WC06b, WCWW99, YK16, YOI+09, ZJH08].
**Subarctic-Pacific** [IYM10]. **subclass** [CB18]. **subducted** [KQ02].
**subduction** [KM05b]. **subduction/formation/transformation** [KM05b].
**subject** [SAG+10]. **sublittoral** [SW09]. **Submarine**
[HAC+14, LSA14, MM14, WGW+19, BEZ+22, CPA+11, DHS+14, DVS+14, DLKP14, FPB+14, GPÇ18, Har11, HBCG14, HRS+23, HD14, KCM+14, KBI+11, KSB+03, MKKB14, MG22, MPV+11, MPPR14, MT11, MWK+18, MTMH11, MMSS14, OBC+14, RGS+15, RKM+23b, SBDB09, SGB14, SKS+23, Thu06, VKC09, VD98, dSJB+11, vdBGM+17]. **submerged**
[ÇYB+18, GSB+03, NHD11]. **submersible** [KFS+17]. **submersibles**
[Sag18]. **Submesoscale**
[HZW+23, WDD+22, WCL22, NBCT13, PS19, SD22, WSM+22, WPD22].
**suboxic** [GLK+06a, GLK+06b, MASVB+19, OE06]. **subpinnata**
[dMGPT+14]. **Subpolar** [LGB13, BLG11, BHAL13, RKHK+11]. **subsea**
[LAPL+16]. **subseafloor** [SB98]. **subsequent** [CHN+10, LVJC17, MAH+12].
**subsistence** [FBB+13, RH14]. **substances** [Ano99a]. **Substantial**
[WAK+12]. **substrata** [PPFS17]. **substrate** [RN96]. **Subsurface**
[SRF09b, SSG+11, BGS+08, BLP+15, HVBO08, JB01, JEK+15, MZD+11, MSRM08, NSKG96, NM18, RBMY02, RS02, SYT+10, ULTL16, XWZ24].
**subthermocline** [FKH05, WPD22]. **Subtidal** [NR00, GGP+14, HSHM02].
**Subtropical**
[BMP+09, BHAL13, HMH+02, JPM99, KBL01, KD13, LKL+13, MSC04, MFE+02, NGS+15, AMJRD19, AKBD13, Ang10, ARF+13, AL13, Bat01, BGWF08, BGKB06, BLS+08, CTGD08, CM99a, CSH+13, CHSVB+19, DSN+20, DCK01, DKJ13, EHL02, FSL+01, FKH13, GPCT23, GGTMG+10, GGRJD+10, GWWL03, HLG+21, HK01, JZ93, KQ02, KKNH02, LBR+08, LDS+08, LSGM02, LGB13, MFPL19, MDM+13, MV19, MWF+19, MHM+14, NRBO+05, OBWK01, PPRHLF02, PW12, RJM+15, RR10, SGA+15, SRHP23, SSMC10, SCWK08, SMM+06, WSB08, ZJH08, GSW+09, TPS+15].
**subtropical/tropical** [SSMC10]. **success**
[BHB+07, HH03, HNB+13, MCBC08, RDBP14, SBL+18]. **succession**
[LDFS93, MTB09, MLK+12]. **sugars** [KMD+01]. **suggest**
[BFSK08, CFK15]. **suggests** [YK16]. **Suginohara** [YFY+10]. **suitability**
[DW15b, EWF+18, PSZ+19, RDW+22, WTA+18]. **suitable**
[CV17, PRORSV+19]. **Sula** [GMD07]. **Sulawesi** [CSS+10, WYIT13].
**Sulfate** [PTD+17, TCG+18, BSS+00, RDV+09]. **Sulfate-** [PTD+17].
**Sulfate-dependent** [TCG+18]. **sulfate-reducing** [RDV+09]. **sulfide**

[CWdE99, DZL+17, ODP+17, TLF97]. **sulfide-rich** [DZL+17, ODP+17]. **sulfidic** [LZM+13]. **sulfur** [BSS+00, TBC+17, TSP+18, ZHD+08]. **sulfur-oxidizing** [TSP+18]. **sulphide** [AGN+02, BAR+02, TNBL95]. **Sulphur** [LWLS98, HTML98, HML99, LSS+09, PLdL97, TTD13]. **sulphur-rich** [TTD13]. **Sulu** [GKH+07, KTF07, MNN10, NG07, NMC+07, NEN+07, ODH+07, OOG+07, SNS+07, SNK07, TRM+07, WYIT13, YNK07]. **Summary**
[KTB+05, BL01a, BEG07, EMEP18, SDB+97, SBvdL+02, WHLR13]. **Summer** [BOKA16, DBL+05, FLTCV10, LKD+15, LPZ+04, PSHF+13, RBS+17b, SMV+03, WvdEM00, ASMH08, AHGCNM+04, ATJ05, ÁRR02, AAMF+02, AGN+02, ACBMQ08, AGP05, BSM01a, BMCF97, BLO04, BTR95, BCH+11, BCDV02, BGDT11, BLO+17, BND+04, BL01b, CRDP02, CSGC03a, CSW+17, CMG+12, CPEN08, DSB+18, DEL+17, DPS+14, DSO+97, DKN+97, DSN+20, DO01, DKGT04, DSvR+18, DLB02, ETDB11, EGL+16, FLTV04, FLM10, FWP+07, FWC+12, Fig02, Fro04, FPB04, FAMY20, FHYI03, GMK+08, GCR+02, GTTKB14, GdRGH+14, GGLP02, GP16, GCB04, HZL+12, HHW+08, HKN+04, HCS05, HKP10, HSK+00, ITMG18, JD08, KNV+10, KFF+94, KYKJ16, LHM14a, LLH+15, LAF+02, MKKB14, MGR+03a, MMY+20, MWK+20, McP08, MLG+02, MAB+01, MiSW08, NSH+10, NMK+20, NKK+00, NTH10, NYH+20, OACA19, OSCS00, PF02, PF04a, PF04b, PSA14, PSUH+16, PDA+20, PMS+20]. **summer** [PNH+00, PAVGBG02, PTD+14, PE17, PWJF20, PFW+20, PCAS05, PRB+11, RAC+20, RVJG+02, RVJG+05, RW95, SLC+20, SCM+02, SRS+20, SMB+93, SMZ+08, SVJRSON04, SMS+07, SMS01, SLMP07, SDL22, SMP+15, SET+09, SMB+17, SZV+19, SWH08, SWSL14, SWG14, SAM+12, SBS+02, SLP+17, SFP+09, SKMS08, SMLS02, SHKW05, TCG00, TWD+08, TFR+10, TLK+02, TPS+15, UKJ+20, VGBGPA02, VFS02, VMI+08, VKM+10, WL20, WFW+17, XZM+23, YMC+22, YWW23, YCA+20, YZZ+16, YKJ+15, ZSZ+19, ZG15, dBC+09, dCHdOF+18, dSSB+01, vdLBB+02, HBK+98, PMM+16]. **summer-time** [NSH+10, RW95]. **summer/early** [EGL+16]. **summers** [KIM08, OYM+13]. **Summertime** [FHP94, GP15, PLS+10, WNRM08, ECS+17, GVW+19, VSGM03a, VSGM03b]. **summit** [CMH09]. **sunfish** [CLC+20]. **sunken** [NMS09]. **superba** [BLBW+11, BKCV10, CHPF10, CWD+10, CKL03, Dal04, HH03, JKK+10, JH04, KKM+10, NKK+00, NCR+08, PAM+04, PNH+00, RQNO04, VMF+16, ZD04]. **superfluous** [SAVP12]. **supergiant** [JLL+13]. **supersaturation** [SE96]. **supplementary** [CVA+13]. **supplies** [MMC11b]. **Supply** [HLM+01, AAG02, BHC+01, CM00, DBS98, FBBW+10, FGH+13a, HHH+14, HTA+17, HLNO96, LK98, LML+01, MLP+10, MGG+17, SS09, TWG00, WLM23, Wit00]. **Support**
[ZDP+16, DKC+17, DJCF09, MES+23, MXC15]. **supporting** [KUT+20]. **Suppression** [YK04, ASH+11]. **suprabenthic** [AFC+17, FS14, SE14]. **SURF** [TFP+16]. **Surface**
[BTR95, CWS+23, CIMT19, DIM+12, DDL06, DTR+09, Grü99, HRT14, HS98,

LNDH+17, MDI+12, MDM+13, MSB96, RS02, RTI+16, SMY+98, SGGW11, SWLW11, WNA+10, YK16, YÇYTKB06, AVA23, ATD+11, ATJ05, ACV+01, AGHS04, ATS+96, ACQ+08, ATN+12, ALT+13, BSG+11, BMS+18, BDB97, BAS00, BLO04, BCM02, BMML06, BHMK08, BD02, BSM01b, BTRL99, BFH+23, BSS+00, BGS+08, BW99b, BVB+14b, BL01b, BLG15, BBB13, CHW+12, CV17, CHM+17, CC15, CSW+18, CFT+04, CKY23a, CKY23b, CKS05, CFL+16, CG18, CWdE99, Dan95, DBG+16, Di 03, Dia04, DL01, Eif05, ECM+06, EHK+20, FVSRR14, FLTV97, FvFC+11, FCA04, FCAD04, FKW01, GLCP12, GMCR18, GGM+16, GRSW00, GMPS04, HSS+12, HLL+10, HHH01, HZK+05, HA03, HAP03, HH05, HHKH+04, HZ19, HZZ10, HF21, HAD19, Ike03, JW05a, JW05b, JAP+13, KKMSM12, KOM17, KAI21]. **surface** [KL06, KT05, KR95, KSH12, KMM+08, KSU+06, KFTE14, KIS02, KS10, Kos01, KFW01, KLM13, LMM+17, LPK+17, LN05, aLCS15, LZC+16, LB96, LGVK+14, LLG+16, LMF+21, MPMD+06, MZD+11, MvSHD01, MB01, MCS07, MKRY01, MV99, MFN+02, MLR07, Met09, MC12, MGR03b, MS12, MDGF01, MZR+95, MLS+15, NYNK05, NGS+20, NLHB01, NFD+02, NWZL23, NDD+14, OM14, OMS06, OHK+02, OPV11, OBA02, PCT18, Pal04, PS20, Pin93, PTA+99, PJ99, PDG+03, PdBK+03, RMB05, Ric05, RWL+93, RFLW00, RBB+97, RBCG10, SA14, SCL+04, SMB+93, SYT+10, SA18, SE96, SWB+09, SRW+10, SLP+09, SDL22, SHWW22, SGW+15, SNB02, SPEPS18, SK02, SBN+15, SMS03, SBR+97, SABP+16, SMPSD04, SBH+02, SMH+11, SBB+05, SJ00, SB05, SFZ+13, SJSI00, TSS+02, TSW+09, Tho97, TS03, TSB+14, TNIW02, TCH+16, TTL+16]. **surface** [VLK06, VPA+09, VMGO+09, VNBW18, VPS97, VTD+20, VM01, WDFK+22, WFA+95, WCL+15a, WDMEL01, XAY+11, YKS+19, YAS+93, ZHD+08, ZWC+15, ZLZ+15, ŽSN+18, Zon97, dLC+14, vdLCS+11, DKdS+03]. **surface-active** [MZR+95]. **surface-dwelling** [BMS+18, JAP+13]. **Surface-ocean** [DTR+09]. **surface-water** [OHK+02]. **surfaces** [BCWT00, BGCH20, JS14, KC03]. **surfacing** [EPHE18]. **surfactants** [PPS+16]. **surfclams** [BCL14]. **surficial** [BN05, CML+09, KLL03, RGTV97, WHL+97]. **surrogates** [ANS+11]. **surrounding** [CBG02, CSM+13a, SHH03, TD16, WCL+15a, YHC+11]. **Survey** [MWFS17, AA15, BSS+17, BVL04, BND+04, CHU+00, CGG+19, CLB13, CMC+02, CM99b, DTWW17, DTWW21, DCS+18, Dem04, DT03, DSW20, ESL+10, GR10, GG02, HWS+98a, JSWB21, LCH+09, LSF+01, MWB95, NPBS00, NMR10, NA09, PDB+16, RDW+12, TMP+19, WGB+04, WHNS04, WGMW10, WGWW11, WRBS10, WvdE00, JR04, KGE+04, WHNS04]. **surveys** [CSCP13, DO19, DDB+17, LPK+17, MRE+11, MSM10, PLD+17, PDA+17, PLA+17, PMJ20, PBD+02, SBS+08]. **Survival** [ŽSN+18, CSS+22b, LWO+09, TBH09, VCM+14, VM13, WWB04]. **survive** [LLW01]. **susceptibility** [AKZL16]. **Suspended** [FA02, HFD+23, Kaw02, KTP05a, RLP+98, ABG+20, BBDL98, CFL+99, ÇYFB+06, ÇYAYT06, CBS+01, DKN+97, DJS+08, FCP99, HD02, KVB+09,

LKH+07, RHB+95, SFG98, WBM96, dMCNC99]. **suspension** [GAP+06]. **sustainability** [Bro19]. **Sustainable** [ZQW19, SPDW19]. **Sustained** [MMS+16, JR15, LBM10, LBJ+13, MDS+16]. **Sustaining** [MSMS08, OGBF08, TAL+12]. **Svalbard** [BSSK+08, HP08, SFPH+08]. **SVP** [BTRL99]. **SW** [DLHH11, DC00, GNT+17, HCBL+17, JLL+13, LMLJ18, CJA+06, CAFK03b, EBS99, FLTV97, HNRGL06, NRSL17, PJ99, RIHGS00, SRAL+17, SBE+99, TBEW99, vC97]. **Swallow** [Gou05]. **swarms** [CWD+10, WH98]. **Swatch** [KSB+03, MSB+03]. **SWEDARP** [TBFP04]. **Sweden** [OM02]. **Swimming** [HCZ+07, CB00a, RG06a, VAM97]. **swordfish** [EEAC+20, LPK+17, SAA+17]. **Sycamore** [WCK+18]. **symbiont** [OCG+09]. **Symmetric** [TTFJ13, DJFK+22, LHX+22]. **Sympagic** [KBF+08, KSM+11, TRH+08]. **sympatric** [FJF+11]. **Symphurus** [TTD13]. **Symposium** [Ano06b, Ano07b, Ano07c, HD07, PTP09]. **synchronies** [DSC+19]. **Synchronization** [TLP+19]. **Synchronous** [GSPT13, OCT+19]. **syndepositional** [WKM+07a]. **Synechococcus** [BLOM93, CLC+03, LCL+98, Uys06]. **synergy** [SHB14]. **Synoptic** [FB05, JKN+05, BES11, CMR+18, DHM+22, DT03, LCH+09, PPRL02, RG93, WCL+15a]. **synopticity** [MLW+01]. **Synthesis** [Ano06d, Ano07d, DKSF01, MBT+14, MSV18, CLQ+18, DCA+98, DD06, DGS+05, EDF+04, GBSL98, HWCT11, HRG+16, KD01, LSF+01, LFM02, LPSS03, MC13, ÖHÜ+93, PHS+11a, PDB+20, RSA+10, SMD06, SD08, WAV+12]. **Synthesising** [MBG18]. **Synthesizing** [OAH+16, SPW+22]. **synthetic** [NGF09]. **synthetic-based** [NGF09]. **SyPRID** [BKY+17]. **Syracuse** [RBCG10]. **Syringammina** [VWTK18]. **SYSTCO** [GJ11, MLBB14, NKE11]. **System** [CC00, GBDM+14, LPS14, MM97, SGPD+14, ZDP+16, AYMSAS19, AJ95, AGS+02, AGAB19, BN97, BKY+17, BG94, BFF+10, BRPI02, CCG04, CDP+02, CLF+09, CFZ+18, CSW+18, CCW+08, CWL+23, CMW+05, CBB+95, CPC+03, CW18, DLF+09b, DBC+02, EFR+19, EDF+04, EHK09, FMFW07, FKS18, FCA04, GPÇ18, Gau07, GBP00, HWP+11, HMLS+06, HEV+10, HTT15, KOLA+18, KGdC+18, KHGL+02, KHL+01, KWH+05, LLL+15, LBM+17, LAGK+18, LMF+21, LPPK14, MWS+15, MFPL19, MLW+01, MTWC+15, dJMTGG11, MDS+16, MNB02, MDO+98, MYL+98, ML04, MMSS14, MKS+02, NS93, NHS+13, OC00, QC10, RAS23, SHF+95, SCGDL02, SCGDU09, SSHB03, SHM+07, Sot09, SPH+08, THJ+17, TTDR13, TWC+07, TNIW02, VSGGPR14, VBF+02, VD98, WCK+18, ZSIW21, ZX12, ZHY+13, Ant10, BPS00, BPC05, BV98, BKM07, BCW03, BL03, CMRI13, Di 03]. **System** [DMW+07, EPPR09, FEB+13, GGAMV+23, GMCR18, GQ09, HV03, JR15, MHG+04, MPI07, PO15, QLU09, Reb03, SRF09b, SJ00, TAB+05]. **Systematics** [PPC+07]. **Systems** [HM14, Ano05d, BH14, BMR+14, BLD+06, BEB+13, BL06, CK03, CL15, DB02, HHH+22, KC03, LLM+17, MS18, NCSO13, OCT+19, PNS+09, RBMY14, Rai14, SL15b, SBL+18].

**T** [Ano97b, DI00]. **tabular** [MM15, SL11]. **tactics** [CRJ+08]. **tag**

[BTLC98, PWL07]. **tagged** [RAT+13]. **tagging** [MRE+11]. **tags** [CFK15, HBM+07, MML07]. **tailed** [HBJ02, PWB+06, SSB+06]. **tailings** [RSS01]. **taint** [DKP+14]. **Taiwan** [CLC+20, CHL+15, CCM+20, JC03, JLK03, LTY+03, LPSS03, SZH+04, TS03, WCL+15a, WYL+20, ZGW+23]. **Taiwanese** [MWT+17]. **Takahashi** [MTD+09]. **taken** [BG10]. **takes** [Col16]. **Tales** [SK07]. **tamarense** [BKS+10, TFR+10]. **Tampa** [CLW+23, CWL+23, NWZL23]. **Tanaidacean** [BPPJ15, BPKJ15]. **Tanaidaceans** [BPBJ13]. **Tanaididae** [BPKJ15]. **tank** [AHML95, TCM+22]. **TAPS** [LDHO+14]. **targeted** [MGT16]. **Taro** [MTD+09]. **Tasman** [WW23, BSL11, DWM+15, KBW+11, KFTE14, PWN+11]. **Tasmania** [CEG+11, DPS+11, DSJ+11, HBR11, JLTD11, JDD+11, WGWW11]. **taxa** [BCE18, BBT+18, CP05, Dau18, LYN+13, MAN+20, SKL+22, SNFK20, SRS11]. **taxon** [BLC+02, SLT+11]. **taxon-specific** [BLC+02, SLT+11]. **Taxonomic** [LPJ+16, MHP+07, Ano97b, CG04, DGMS96, GBLS00, IHI+97, Kam18, KB15, Mar13, WMS+96]. **Taxonomy** [DDAH+14, RRT+17, DLB+11, LCL+22, OBKA17, TB98]. **TBCOM** [CWL+23]. **TCO** [CSL+07]. **technical** [JZ01, KHL+01]. **technique** [KJB+08, YKN07]. **techniques** [JLAD95, LWSA08]. **technological** [MPM+16]. **Technologies** [ELP13, MV23, dLWFB08]. **Technology** [JFC18, PTO+16]. **tectonic** [CHL+15, GHD+18, MWS+15, SKS+16, THM+13, WH98]. **tectonically** [LSA14, RVC+13b]. **Tehuantepec** [GSdAMNMM04, FLLGR04]. **telemetry** [CLQ+18, DWG+15, PWL07]. **teleost** [Gau07]. **Teleostei** [MGN+18]. **teleosts** [DW15b, LFKF+17]. **Telepresence** [DCS+18, RBG18]. **Telepresence-enabled** [DCS+18]. **telescopus** [VFFM13]. **tell** [RLGG07]. **temperate** [Dau18, FKS18, HCG+09, RBJW16, SSJ+22, VRL+02, VBF+02, WSLC15]. **Temperature** [BCL14, BRB+13, BKCV10, DHM+22, DIM+12, MDI+12, SPH+03, SKMS08, TY98, AVA23, ALT+13, BCBB12, BZS+16, BL96, BSM01b, Blo02, BFH+23, BAKF03, BY09, BLG15, CV17, CAS+97, CC15, CWB02, CKY23a, CKY23b, CMW+08, CSS+22b, CKB+07, Eif05, ER05, ECM+06, FB05, GLCP12, HSS+12, HDGM19, HiII+19, HiII+20, HIA+16, HZZ10, HF21, JW05a, JW05b, KRB95, KMC05, KIS02, KNN+06, LLL+15, LT16, aLCS15, Loh08, MAH+12, MDJS11, MB01, MCS07, MKRY01, MXC15, MC12, MS12, MSNL09, NOFP14, NWZL23, Pal04, PC00, PW12, PFPJ+09, PZL+09, RVGF02, RBB+97, RN06, SLdB+15, SRW+10, SBR+97, SMPSD04, SCD+22, SH16, SMH+11, TSS+02, TRM+07, TSB+14, VGGLB15, VCM+14, VLK06, WDMEL01, Zon97]. **temperature-specific** [HIA+16]. **temperature-tolerant** [BAKF03]. **temperatures** [BFC+06, EHK+20, MMH+08, NBBBT13, OMS06, OUJ+19]. **template** [Eks07]. **template-fit** [Eks07]. **Temporal** [AISR+16, BS03, BDWG02, BB98, BMRP02, CCP+18, CWE+17, FGU04, GCCG13, GBH+17, HSBT19, HGMA+02, HHKH+04, HNRGL06, IGN+10,

IS07, Ike03, IPTH03, KBG+10, KSH+09, KFG+03, KDMH18, LPdR+14, LSM+06b, MRB+14, MGGTM19, MPS+03, NKF+10, OHK+02, OTOH05, PLT+13, PdBK+03, RGH+24, SSWM18, SiSA+02, SFV+98, SFG98, SE14, SPB+10, SW99, SBS+08, SMLS02, THJ+17, TLSW15, TSP+18, TWD+08, TWC+07, YSMW05, ZZX+13, vdMLB+11, ALHP18, ÁRR02, AMH+01, AGAB19, ALR+14, ACG19, BGIJ+06, BTP+18, BFC+06, BBH05, BDM+03, BO96, BCS99, CJA+06, CLL+03, CMR+18, CGR+96, CHH19, CRBK03, CHR97, DKN+97, EGL+16, GMR+09, GLK+06b, GKR+18, GHB+05, HP98, HdMR+99, HPY+15, HSSN08, HV03, JBC+21, KAI21, KWW04, KL13, LBD+02, LPPC+10, bLHsL+13, MDH08, MMID17, MSI+08, MMS+19, MPH+22, MG13, NR06, NBBBT13, OYK15, OS02]. **temporal** [OS04, PPA10, PH96, PLPS98, PAM+14, QLU09, RJB+04, RSW+13, RSCFT+13, RSCFT+16, SDMC03, SMS+08, SWBKK10, SM20, SMSI08, SMGB02, SMGB03, SL12, SBA18, TWA+12, TBH09, TM22, TMGLM19, TKP+20, WCMB06, YCD+06, YKS+19, TRF+97]. **Temporally** [HDW+20, BMH+94, DBS98, LK98]. **Temporally-resolved** [HDW+20]. **Ten** [Ano14, DPK+14, DKP+14]. **tenuissima** [GAJ+13]. **TEP** [Jac95b, LPA+95, PA95, PNC+06]. **tephra** [DNG+12]. **term** [ASS02, ADRS19, AKK+14, AMTE09, BC08, BG08, BBR+10, BMOW09, BL03, Bre93, DHW98, DVCG+12, Duc08, DEK+08, GLCP12, HWK+14, HZK04, HNCW23, JPM99, KBL01, LSdC+10, LDBvdB17, LO03, LBD+22, LWZ+23, LMF+21, LDW22, MDT+08, NLS+10, PCT18, PZP93, PRB+11, Reb03, RPF01, RVGF02, RSS01, SZH+04, SS09, SRS+15, SM03, SWLL23, SBC+16, SGP+11, WSLP10, WP17, WAC+09, YPY+13, YKO15, dLC+14]. **terminal** [Kli09, RBDO17, SSB+17]. **terms** [SD96]. **Terra** [Ano14, DPK+14, DKP+14, DTJ+14, NLDJ14, PDK+14, WPW+14]. **Terre** [EBG+11]. **terrestrial** [LWL+16, SSB+17, SHS+12, SBSW07]. **terrestrially** [MMSS14, PDS+17]. **terrestrially-derived** [PDS+17]. **terrigenous** [ATN+12, Cha03, CRP+05, JLK03, KW03, PTD+17, PCB+17, SRH+11, TBC+17, YBHM05]. **test** [CWE+17, SH00]. **testate** [GBBS00]. **Testbed** [DZY+01]. **Testing** [FLMF07, LdSN+18, MDTS08, MGK19, DCD+14, LW04]. **Tests** [MLR07, vGCM00]. **Tetractinellida** [SKS+23]. **Tetraparma** [HPN+12]. **Tevnia** [ZJFV15]. **Texas** [Cha07]. **textures** [ÇYB+18]. **Th** [ACH02, AFB+94, BCH+96, BMK+13, CM99a, CMB99, CAFK03b, CBB+00, CMA+09, DMY+97, FRC+10, FA03, FS02, GAC+02, HAF+15, LKK+95, MDTS08, MES97, MSTT07, MYN+96, NKB95, OOG+07, PDSS96, RFB97, STJ+08, SvdLM95, SFV+01, SSL98, SSH+11, SRF95, SCM+09, TTLP06, VMGO+09, YA03, YCT+22, YHL+12, vdLCS+11]. **Th-Based** [SSH+11, STJ+08]. **Th-derived** [MSTT07]. **Th** [**?**]Amiel:2002:DIS,Moran:1997:DCA,Thomalla:2006:POC,Verdeny:2009:PEO. **Thailand** [HKY+13, PCY+13, SYK+13]. **Thalassiosira** [NGM+20]. **Thallwitz** [NCL13]. **thanatocoenoses** [DJC+14]. **thanatofacies** [RVD+10]. **Thaumastosoma** [KBK+18]. **Thaumeledone** [ACPV04]. **Their**

[JAP+13, SID19, ARNB01, AN05, AN06, ARLA03, ASF+12, BWC+02, BEJS93, BES95, CV17, CH24, CRF04, CMC11, DZL+17, DB97a, DC96, ELP13, FBP+17, FJG+00, FHW06, HNW+08, HCL+22, HTPM14, HAGW+13, HBC+12, HSY08, HZN+16, JKJ+22, JRK+17, KLL03, KxF22, Kla97, KKD06, KIM08, KRGT14, LC16, LCS16, LBD+02, LMvDA16, bLHsL+13, LSHB09, LBGW97, LD07, MC05, MMMC07, NKA+11, NOFP14, OT03, PHOM09, PM10, PWMC01, PSS+16, RSB+17, ROC+21, RT20, RN06, SVJRSON04, SHC+22, SHKW05, SBG+06, VSV+97, WPJW96, XSM+19, ZCG+12, ZXH+13, vHSM04b]. **Themisto** [WT12]. **theoretical** [BWAS02, CM01]. **theory** [Gut06, Jac95a, MBP+20, Pal19, SS05a]. **Theragra** [Blo02, CBSS02, HSFN13, LSWH07, SHM13, SSDA13]. **there** [KGB+11, KVB+09, KVL+19, PHH+16, VAK+09]. **Thermal** [LP14, MDSA19, MRD13, SL15b, SBM+13, GBJ+15, HSZS17, LTH05, MSW11, SA14, XZM+23]. **thermochemical** [HS96]. **Thermocline** [YCYK10, BL98, CBF+13, CBF+16, FHP94, KOO+24, LRM07, NBCT13, RR10, San13, VV23]. **thermodynamic** [CBB+95, WZW+22]. **Thermodynamics** [JVL+16, GMM+20, KIY+05]. **thermography** [MCS07]. **Thermohaline** [BSM01a, MCM06, ASMH08, BV98, BMS99, KST+99, OGG+20, RR96, SGJ+20, VCRDF99]. **Thermophilic** [SB98]. **thermophilus** [TTD13]. **thermotolerant** [BSH+11]. **Thick** [TMH+08, WTI+20]. **Thick-billed** [TMH+08, WTI+20]. **thickening** [JS14]. **thickness** [DGA+11, FHvFM08, HNW+08, SET+09, SHW+16, WLA11, WSL+11, XAY+11, bsBD+20]. **Thin** [JCPC09, FGF+14, OM14, TMC+14, YLU+14]. **thinning** [PSA14]. **Thirty** [MLH14, SHR20]. **Thirty-year** [SHR20]. **thompsoni** [KCMT+20, PH17]. **Thorium** [OPB15, BAH+95, BBA+98, CBB+00, VvdLS11]. **Thorium-234** [OPB15, BAH+95, BBA+98]. **those** [Jac95a]. **thouarsii** [WTS08]. **thraustochytrids** [RRMM05]. **Three** [Ano07d, CWD+10, GWP+98a, KDMH18, LMS15, TMC04, VAT23, AMK+05, BGIJ+06, Bas19, BTR20, BSJ13, BSR+18, CSL+22, CSM13b, CKFC18, CRA+20, CPA+11, DFMW13, GSK02, GGCM17, GGSC03, GK04, GFPM02, HNM+20, ITMG18, KB99, KGB+14, KCD+17, KKUK10, KRHS20, LVJC17, LLM+17, MC09, MSD+18, MFFM03, NSLAP+17, NRH+20, NCSB+98, PVK+20, RAS23, RI05, RTM+20, RT20, RNP93, SSK+05, SSK+07, STD+20, VGBGPA02, WTS08, YLH+10, vOSG+11]. **Three-dimensional** [CWD+10, GWP+98a, TMC04, Bas19, DFMW13, GSK02, GGSC03, KB99, KKUK10, YLH+10]. **three-layer** [GK04]. **three-layered** [CSL+22]. **threshold** [LGF03]. **thresholds** [EF98, LWM+09]. **through-flow** [Jur20]. **Throughflow** [SWK+23, SPH+03, VGF02, PHS03, TSS+21, SWCB02, WSFB02]. **throughout** [CB16, CBK+22, PBNF+16]. **throughput** [LEP14]. **thrust** [WCK+18]. **Thunnus** [BFDB17, BSN+15, DABMAMA04, DWM+15, GLCU+17, IABR+17, KHT+20, KOT+20, LCW20, WAN+15, WLT20, ZKSS06]. **thynnus**

[BFDB17, GLCU+17, IABR+17]. **Thysanoessa** [FLM10, FPS10, HPL+12, KYI10a, KYI10b, PSS+16, WMW+20]. **Tidal** [DRVVS+14, GOC09, HHW+08, LM01, OGC09, BHS+19, DL01, HSHM02, LH06, LCG03, LBB+06, MT96, PRP15, RAR04, RSC+09, SSC+23, SCS+98, TCM+22, WTJ+19, WOU06, YO96]. **Tidal-front** [LM01, LBB+06, YO96]. **tidal-mixing** [DL01]. **tidal/subtidal** [HSHM02]. **tidally** [HTW14, JMW+20, ZPG14]. **tidally-driven** [ZPG14]. **tide** [AGHS04, MBC+14, PHM06, SHA04, TBT05, WZ14]. **Tides** [PHOM09, GLM04, HAC+14, IGP+06, JR15, MML06, PFDG08, SN04, WMB+08, WCD+09, WXL+23, Ynd09, ZG15]. **tikhookeanskaya** [CCC+23]. **Time** [Ano96g, BMK96, CFJL96, CMA+09, CRR01, DGN96, DOC01, EFR+16, GOP+01, INTS02, IF95, KM96, KL96a, LHS96, MHS01, MK96, MSNL09, OLG+01, RD97, SMA01, SCB+01, SMB03, STS+15, WLP+09, WWW+02, WKM+07b, WKM+07c, ANL13, AKK+14, BCH+96, BGS98, BFH+11, Blu93, BLO+17, CSL+07, CLMK13, CRI18, DHM+22, DIM+12, DJCF09, DBH+20, Eif05, EPK+10, FHR+11, FM03b, FG07, FNYK02, GBP00, GUSB03, GLK+06a, GG02, HFM+02, HGM+11, HBCC13, ITT12, JW05a, JW05b, JMM+13, KLK+15, KVPK20, LSST20, LBM10, LK98, LWL+24, LPW+09, Lip01, MPL15, Mar02, MCPA02, MC02, MFH04, MLVM02, MLS+15, NSH+10, PST+05, PPL+07, PBO+11, RCW+15, RT14, RR10, RMC+08, RW95, RAL+01, SKM01, SBG+98, SD98, SBG+03, SHM+20, SHR20, SGM+14, SSB+06, TCEW07, TTA+16, WHLR13, WWC+99, WLT20, XA09, YA03, YSBH06, BL96]. **Time** [LSM96, Mit96]. **Time-dependent** [STS+15]. **Time-lapse** [EFR+16]. **time-scale** [FM03b]. **Time-Series** [Ano96g, BMK96, CFJL96, CMA+09, DGN96, DOC01, GOP+01, KM96, KL96a, MHS01, MK96, MSNL09, OLG+01, SCB+01, SMB03, WWW+02, WKM+07b, WKM+07c, ANL13, BCH+96, BGS98, CSL+07, CLMK13, DBH+20, FNYK02, GBP00, GUSB03, GG02, HBCC13, ITT12, JMM+13, LSST20, LPW+09, Lip01, Mar02, MCPA02, MC02, RCW+15, RAL+01, SKM01, SBG+98, SD98, SBG+03, TTA+16, XA09, YA03, BL96, LSM96, Mit96]. **time-slice** [HFM+02]. **time-varying** [Blu93]. **Timelines** [EBM+18]. **times** [FRBB13, PHDK11]. **timescale** [LRM07]. **Timescales** [HWP+11, Ano96f, CHL+95]. **Timing** [NYH+20, BFL+20, BKP+20, FPS10, NSWY20, OHS10, SP19b, SFH+18, VSM17, WYOS18, ZXH+13]. **tintinnid** [AYMSAS19]. **tintinnids** [LZC+16]. **tip** [SBK+16, vGFGS02]. **Tissue** [MSW+13]. **Todarodes** [PNVJ13]. **Todos** [DCH04]. **together** [SCQ+09]. **Togiak** [FBB+13]. **tolerance** [BRB+13, TTDR13]. **tolerances** [BY09, TY98]. **tolerant** [BAKF03]. **Tom** [Ver13]. **tomography** [SGGW11]. **Toms** [PPM02]. **tongue** [BW99b, HS96, WW99]. **tonguefish** [TTD13]. **tool** [DLB+11, WBCB06]. **toothfish** [SHC+22]. **Top** [Ano06g, RCF+08, SFZ+13, YSMW05, DLW+17, EAB+20, HAE+15, HAE+17, HPS+11, JNBJ17, LWO+09, LLD+17, LPD+17, MPJ+13, NGS+15, SBR+97, SJST13, SBG+06, VBM97, YKO15, YHC+15]. **Top-down** [SFZ+13, HPS+11, LWO+09, NGS+15]. **TOPEX**

[BSS+02, KFH01, MMXS02, SMS03]. **TOPEX/POSEIDON**
[BSS+02, MMXS02, KFH01, SMS03]. **Topical**
[CSM93, PNLFS02, PNLF02, RGL06b]. **Topographic**
[LS04, GGI03, KVPK20, SGB+08, SPH+08, VMB17]. **Topographically**
[BLM13]. **topography**
[ASM06, DL04, LH06, NHS+13, RPM07, WZZ+23, WGB01, XZM+23].
**Torquaratoridae** [ELG+22a, ELG+22b]. **Tortonian** [RMG+23]. **Total**
[HGAB04, LSC02, BL00, CMB12, ER05, FLM10, HP98, HC01, JSP+17,
LBM98, PH96, SSV02, SP09, SHW+16, ZQ97]. **tourism** [PJLO+17]. **towed**
[BCT21, KCTG16, MT98, PBD+02]. **Tower** [RBXM15]. **Toxic**
[Ano05a, BFF+10, BKS+10, BFK+14, DPS+14, KCMA05, KCA05, PTD+14,
SAKP+22, TMC+14, TMTR14, VB98]. **Toxicity** [WPW+14, ACK+14,
ER05, FHR+14, GKQ+05, HTW14, LTH05, MLH14, MAST05].
**toxicological** [HTPM14]. **Toxin**
[PKA05, BCL14, DPS+14, ER05, PTD+14, DPS+14, DTP+05]. **toxins**
[dSVC+14, DVC14, DRR+14, DTP+05, TDKA05]. **Trace**
[CBC02, DGK+22, FJG+00, Mas01, PPS+16, TTCD14, WSS+08, Ano99a,
AELP14, BLO+17, CVA+13, Cha03, CMVS+10, FdBGP11, FBCP01, GJC98,
HWS+07, KWN+09, LBL08, MBTM97, NSMBN08, NEN+07, RVC+13b,
SHF+95, SVD97, TRM+15, VCRDF99, Zon07]. **trace-metal**
[FBCP01, SHF+95]. **traced** [BFM+14]. **tracer**
[AIW03, BWD20, BBDL98, CAS+97, CM99a, CMB99, CLGM05, FS02,
GF97, LBM98, LWLS98, LML+01, LMS09, OPB15, PRJW05, PDTS08,
RKS+95, RFB97, SRF09b, SE95, SHL+11, SLW98, TOF04]. **tracers**
[AFM93, AKHR+20, CGM+07, HdVGHM02, Jen03, LNDH+17, MW05b,
SRS11, WMW96, ZGW+23]. **Tracing**
[CRM+16, LKK+95, WCSA+16, YBHM05, Tho97, TPP+20, ZLJ08]. **track**
[JCP+22]. **tracked** [BTRL99, GGC19, Grü99, HRSJ23, JDS+08, MFPL19].
**Tracking** [EQW+13, FG07, Gre01, SL11, VPdP06, WH01b, RTC+07].
**tracks** [RBO07, WLD+07]. **Tradeoffs** [JMP+19]. **Trader** [DCS+18].
**traditional** [HBB+13]. **trail** [APT11]. **Trailing** [RHPR15]. **Trait** [CDM23].
**Trait-based** [CDM23]. **traits** [GJ11, LMG17, RLB+18a, RS15, SHC+22].
**trajectories**
[CDDC03, ECM+06, GMCR18, HRT14, PK13, RF99, RP05, STP+16, SGL99].
**trajectory** [LWZ+23]. **Trans** [HTT15, PH17, NMK+20]. **Trans-Atlantic**
[HTT15, PH17, NMK+20]. **transatlantic** [SWL+18]. **transcription**
[BMB+18]. **Transect**
[BMML06, BAC+15, LOA15, RHJ06, RPH+06, RHJL09, ABC+04, BRG+19,
CFT+04, CG04, GRWW01, HAF+15, KF95, KOM17, KR95, KT02, KHL+17,
NGS+20, NESB+15, OvdRvA+22, OL15, PDG+03, RPB02, SMCA01, SH99c,
SLB18, SWL+18, SSUB15, SZV+19, SIFS10, VKG93, BJB+06, FCW+15].
**transects**
[CGR+96, HMH+02, JNBJ17, LAJP13, MPB+18, PDA+20, SML15].
**Transfer** [FPHH+09, HKFL03, KW00, MSM+02, NC97, AHV+00, GSB+23,

GBP00, HDJP05, KB95, PDS+17, RBDO17, RHL+22, RdGM+09, RHB+04, RBXM15, SBHS20, TBB+08, UW99]. **transform** [PUP+07].
**Transformation**
[AGN+02, FCAD04, CBB+98, GP16, HH93, KM05b, You99].
**Transformations** [BSB+99, HMGD17, HD02, VBF+02]. **transformed** [PWP+05]. **Transience** [GPMS+16]. **transient** [RBN+08, TOF04]. **transit** [WZL+16, CP18b, RKB18]. **Transition** [HAC+14, AMJRD19, BCI02, DNM+16, HBC+23, HiII+19, HiII+20, LJHAA19, LTW+11, MNG+11, MHM+14, SvdMC+16, SMP+15, TT01, UWvdE+16, VMF+16, WSE+16].
**transitional** [LCWJI+19, WSP19]. **transmission** [GOH+15].
**transmissions** [SWC+02]. **transparent** [LPA+95, PA95]. **Transport** [Ano06f, AGP05, BTS+08, HYK+02, JPC06, dJMTGG11, MBC+20, RPS+11, RGL+06a, SRN02, SS99a, THJ+05, TCJ+11, AAG06, AGS+02, AKK+17, BBB94, BC03, BH99a, CMG+12, CHN+18, Cra05, CMPB18, DCN+02, DHS+09, EGG+05, FKW01, GGLP02, GAC+02, GHÖ+13, HWP+11, HGMA+02, HS05a, HP08, HTM+03, HK19, HZ19, JKN+05, JC03, JZ01, JCM+13, JMSW05, KCMA05, KM98, KFHR05, KLM13, LLR+06, LMS09, LCD01, Liv95, LBB11, LDX+23, MBW+03, MMS+16, MR01, MSB+03, MTWH04, NS93, NPF+09, PFC19, PHDK11, RSC07, SMS01, SSLP95, SHD+14, SHB02, SF99, SWC+02, SDK+16, SBS+02, TP99, TdFAL19, TP96, VCDAL14, VPSL15, VGF02, WGFS03, WHL+97, WDD+22, WCH05, WOU06, XZM+23, You99, ZTZ09, Zim09, ZB00, dMCNC99, dSJB+11].
**transport-retention** [ZTZ09]. **transported** [SSP+09]. **transports** [CMC11, DD15a, DD15b, HGM+11, MMXS02, SH99b, SBG05, SWCB02, YCYK10]. **trap** [AKHR+20, CMA+09, CDH+00, HLG+21, HSM+01a, HIN+02, KGKS20, KNG02, KKNH02, MYN+96, NW01, PFW+09, RSRL00, SLS+07, Thu98, TTA+16, XA09, vGCM00]. **trap-** [MYN+96]. **trap-derived** [HLG+21]. **Trapped** [JR15]. **Trapping** [SFV+01]. **traps** [ETDB11, FA03, LPW+09, RCW+15, RFLW00, SFV+01, SHM+11, SAB+07, WLP+09, WWC+99, YA03]. **trawl**
[CAJE15, CSCP13, DLWW23, NCSB+98, UGSK+20, YLG+18]. **Trawled** [ARB+13]. **Trawling** [GIPLL+14, MPPR14, AFC+17, DGN+17].
**Trawling-induced** [MPPR14]. **trawls** [DTWW17, DTWW21, SL12].
**treated** [Joh19]. **trees** [Sig17]. **Trench**
[JLL+13, JSWB21, LMLJ18, LAT+18, Mun16, SLB18, SWL+18, SNIT02, Ala15, BPPJ15, BCNS15, BSCE15, BEM+15, BFB+18, BAF+18, CKFC18, CAK15, CBMM15, DAB+18, DJ15, FMZ15, FEB+15, Gol15, GC15, Kam15, KWPB15, KBR18, KKVP15, LMLJ18, LMS15, LVP15, LS18, MA15, MA18a, MA18b, MB15, Mun14, RKB18, SA15a, SA18, SA15b, SC15, VVV04a].
**trenches** [CW18, XGF18]. **Trend**
[AVA23, DVCG+12, IIM+09, KxF22, WP17]. **Trends**
[DCF+18, KKMSM12, PBO+11, SWB+09, AGAB19, AMTE09, AL13, BFSK08, BMRP02, BFML+08, BD06, BSR08, CTW+15, Cam18, CPF+14, CG04, DB05, EEAA+19, GLCP12, HC15, HALV18, KSBK01, KL13,

KLČ+19, LSdC+10, NWZL23, PLS+10, PdBK+03, RVGF02, SIS+02, SM03, SL12, TGK+11, TRF+97, TKP+20, VGZ+19, VCG+20, VHC+17]. **treska** [CCC+23]. **trials** [SS13b]. **tribute** [Ano18l, BCD+09, BDG+04, Goe02, Row13, SL15a, SLM98]. **Trichodesmium** [HSM+01b, KDG+97, OLG+01, SBH+01]. **tricuspis** [GNB+17]. **tridactyla** [VM13]. **Trieste** [KLČ+19]. **trigger** [KK19]. **triggered** [EEAC+20]. **Tripos** [ADE22]. **triterpenes** [MRP+17]. **Triticella** [GC15]. **tritium** [JLL+15]. **TRMM** [HZZ10]. **Trophic** [BSKD+07, CHV+15, CDRB16, DYEJ08, DSO+00, DTP+05, FLTV04, KBKW13, MSJS08, NCSO13, ODR+09, PGFP+08, PKZ+19, SKL+22, TDKA05, BLSW05, BRD+18, Car10, CHH+21, CCM+20, CNOC13, DMJ93, DKP+17, FLLGR04, HPS+11, IHPA16, JTW00, JCF+06b, KCZ+19, KWPB15, KME18, KKUK10, LMKL09, LSGM02, LHZJ13, LL13, LGP+15, MMID17, OYK15, OKY+17, PPYN15, RHL+22, RDW+12, TR02, TSW+12, TBB+14, TŠŠ+19, WBD17, ZTZB09]. **Trophodynamic** [CGPM13, WPLN96]. **Trophodynamics** [KYKJ16, MD14, MD17, HFK+02, LPL+20, RSW+13, YHC+15]. **Tropical** [AKBD13, CFV+18, CM03, FDC+18, GSdAMNMM04, LS18, MV19, MHA+15, PHD+18, SBN+15, AVA23, ADV+01, AHHCR23, ACG19, AMN+02b, BHS+19, BTR20, BG10, BFB+18, CBS+96, CVM+01a, CVM+01b, CHSVB+19, DLR+01, DW15a, DABMAMA04, DHGO23, FM03b, GKH+07, GMM+20, GKB+18, GLMB18, Har96, HAH+01, HC15, HMSMK04, HAM+15, JZ93, Joh96, KxF22, KEPZ93, KDSR19, LK02, LRM07, MCSF15, MCS+02, MCS+03, MF09, NDD+14, OLP+20, PSE+93, PP20, RR96, RBMY02, RAS23, RF99, SPSM23, SSMC10, SSJ+22, SS99b, SPD+11, SLB+15, SMM+06, JMP+19, SJJ19, TRB+19, WZW+95, WMC06, WWcW+15, WSLC15, YKS+19, ZDWR95, MLR07]. **tropical-subtropical** [CHSVB+19]. **tropicalization** [PPYN15]. **tropics** [NGS+20]. **Troposphere** [LCW+07, ACV+01]. **trossulus** [BCB+18, BMB+18]. **Trough** [VPSL15, CCC+03, DFA+20, IOK03, iITT+15, KLL03, KW03, Tan03, VT09, YA03, YKS03]. **trout** [WWB04]. **true** [GRC+03]. **truthing** [NKE11]. **tsunami** [WA02]. **Tsushima** [NSH+10, SJL05, THJ+05]. **Tsushima/Korean** [SJL05]. **tube** [BTM+98, DSD12]. **tube-dwelling** [DSD12]. **tubeworm** [BPR+10, FR10, NLSL09, ZJFV15]. **tubeworm-associated** [FR10]. **tubular** [LCK+18]. **tuna** [AKK+17, ADK+15, BFDB17, BSN+15, DABMAMA04, DWM+15, EMEP18, EPHE18, GLCU+17, HHMF11, IABR+17, KHT+20, KOT+20, LCW20, LSNH15, LPL+20, LMLC+17, LGP+15, LFKF+17, MCSF15, MGG+17, NDD+14, OLP+20, PPYN15, PHE+18, RSB+17, SLHS20, JMP+19, WAN+15, WLT20, YHC+11]. **tunas** [DKP+17, LH15]. **tunicate** [PH17]. **tunicates** [LO03, PDH+11]. **Turbidity** [VKC09, GNG+22, HTM+03, SDT+17]. **Turbulence** [HLNO96, LPJ+19, Ano05e, BU05, IAA96, LYL22, LM96, MBd05, PS19, SS05a, SS05b, TC06, WSM+22, WZZ+23]. **turbulent** [BLS+03, BMG+17,

DSvR+18, EWG94, Fer06, KIS02, MLP+10, MW05a, Uml05]. **turnover** [AT10, SMM+06, ZSB01, ZFA+02]. **turrids** [BLS09]. **turtle** [ECM+06, WNHF+15]. **turtles** [DMC+17, PUB+06]. **TUSCH** [TTU01]. **Twilight** [JDD+11, DJS+08, HFD+23, LBV+08, SBL+07, WLP+09, LAC+09]. **Two** [AS01b, AHVB+17, BV04, BB04, Che13, HSC+07, IUdV+12, LBJ+13, PRB+11, RPS+11, ACD+17, ACR+20, AMV+09, BWD20, BSCE15, BFF+10, CRNP06, CC15, CP18b, CMAO+12, CL15, CM00, CBW01, CW09, CGD+15, DTWW17, DTWW21, DP02, DRVVS+14, DCL+21, DAGK+17, Dud06, DDB+97, DBH+20, FM03b, FMFW07, FARLR+13, GTSC08, Gol15, GM22, GFW07, HBP+14, HMC09, HKO+17, JWS01, KMB11, KHT+20, LPdR+14, LGO08, LPS14, Mal15, MFB18, MG22, MCB+15, MBO07, OKH+22, PP93, PWF03, PCY+13, PRSS23, RLB+18a, RAT+13, RMD+12, RSF+99, SZM10, SAG+10, SRDV07, SCM+08, SKL+22, SHC+22, SGM+14, STS11, Thi98, VMGO+09, VSR+10, VFFM13, WMH+07, WPG+07, WW23, ZRG16]. **two-component** [BWD20]. **two-phase** [CL15]. **two-year** [FM03b]. **Tyler** [Row13]. **type** [KWF+19, MARFP08, NSMBN08]. **types** [APB+09, BRBD17, OCKA+11, SDT+17]. **Typhoon** [HZYZ10]. **typhoons** [NMW+09, CW22]. **Tyrrhenian** [DCA09, LSA14, Ano09a, BG09b, BGS09, GDD+09, LTG+09, TGA+09, YLD09, dBC+09].

**U** [ACH02, FRC+10, MES97, TTLP06, VMGO+09]. **U.K.** [TOP95]. **U.S** [MSD+18, WAL+11]. **U.S.** [Ano96g, BBB94, BMK96, BG94, BRBD17, BHLS15, BAC+15, BSS15, DTWF17, Eck94, FK98, HMW+15, HAF+15, JLL+15, JSBC15, MK96, Mil94b, MJG95, NESB+15, OBC+14, SSUB15, Urb20, ZDWR95]. **U.S.A.** [KFF+94]. **U/Th** [FRC+10]. **U1340** [Hus16]. **U1341** [IOTS16, ITK+16, OTN16, WOM+16]. **U1341B** [KOS+16]. **U1342A** [SKS+16]. **U1343** [AKI+16, PBVC+16, Hus16]. **U1343E** [KOS+16, KKT16, TSOT16]. **U1344A** [OM16]. **U1345** [PBVC+16]. **UAV** [MRE+11]. **UK** [SDGH14]. **Ulleung** [JCP17, JSP+17, KKK+17, KHH+17, MWW+05, TTW+05]. **ultimate** [HSM+01a]. **ultra** [AKHR+20, DO96, LLS+19, PKZ+19, SHF+95, SKD+16]. **ultra-** [DO96]. **ultra-clean** [SHF+95]. **ultra-high** [SKD+16]. **ultra-oligotrophic** [AKHR+20, LLS+19, PKZ+19]. **ultrafiltered** [MGS+10]. **ultraoligotrophic** [OFD+22]. **ultraphytoplankton** [BCO+96]. **ultraplankton** [MZH+10, VKG93]. **ultraviolet** [WW04a]. **ultraviolet-B** [WW04a]. **Umitaka** [CHU+00, SHM+07]. **Umitaka-Maru** [CHU+00]. **Uncertainties** [EBG+15, SHL+11, CAJE15, HKAM12]. **uncertainty** [IHPA16]. **under-ice** [BBLS14, CFL+16, KHL+15, LS14a, LvDA14, NRS14, ORFA+14, SPB+14, ZAC+15]. **undercurrent** [CGR+00, CRMI18, NR00, PSK+00b, SA02, RPM07, ZSIW21]. **undercurrents** [EO02]. **underdeveloped** [OBKA17]. **underlying** [SW00]. **undersaturations** [MCM+14]. **Undersea** [ESW+16, Mah16]. **understand**

[PMJ20, RDW+12]. **Understanding** [ACK+14, ALR+14, BMR+14, BL08, DKP+17, EAB+20, LBD+22, LCWJI+19, RHD+18, RBH+20, Smi01, BFL+20, BFA+08, ELP13, Har06, HWCT11, HAM+15, Lin16, OBH+19, Pra04, SBL+18]. **Understood** [HB19, HBV19, HBVG20, HBVG22]. **understudied** [CHH+22]. **Underwater** [SHY+08, ZLOR02, DLF09a, DDB+17, KR11, MMY+20]. **underway** [CDG00, PNS+09]. **undiscovered** [BBG15]. **UNDP** [PH19]. **undulation** [WWL02]. **uneven** [CIMT19]. **unexpected** [HCBL+17, KEPZ93, MBH+96]. **Unexpectedly** [SA15b]. **Unicellular** [HWP+07]. **uniform** [GBJ+15]. **unifying** [FO05]. **Unimak** [SRN02]. **Uniporus** [CP18a]. **unique** [DGT14, GAP+06]. **United** [SDL22, BRB+13, DHS+14, PH19]. **unmanned** [KI18, MRE+11]. **Unmelted** [Kyt02c]. **unpredictable** [VAMPR+17, Wei07]. **Unravelling** [JRG+22]. **unsteady** [LS04]. **Unstructured** [TFP+16]. **Unusual** [Hec94, ULH+21]. **Unusually** [DFJ18, LJHAA19, LRN+14, HH20, MBB+02]. **unvarying** [DN97]. **update** [MDC+10]. **Updated** [TCM+22, WSB13]. **upon** [BSN+15, HS93, WRS99]. **Upper** [BBA+98, BBA+01, CSP05, CKH+08, FK98, HBK+98, LTY+03, MWW+05, MPHF02, SGJ+20, ASBM02, ARF+13, BFT+97, CD95, CCM15, DGP20, DMW+07, DGN96, DLF+09b, DKI+00, DI00, DGB+98, DEK+08, ERR97, FWR+02, GSM+20, HBR11, HLNO96, KWF+19, KMSM11, KxF22, KSB+03, KLKB95, LJBF00, LHX+22, LSC02, LN01, LKK+95, MLS01, MBB+02, MV01, MNR+11, MNPT06, MC13, NL11, NRM+99, OPB15, PLRV22, PAR+08, PBGCD+13, PFW+09, PBN10, PSWF19, PNC+06, PRSS23, RPB02, RMC+93, RBS+17b, SSSC19, ST13, SDLZ13, TBB+14, TWC+07, WFR+02, WWH97, WF99, WGG98, WTSP07, Zon97, SKC99]. **upper-layer** [DKI+00, DI00]. **Upper-ocean** [CSP05, HBK+98, LTY+03, DMW+07, DLF+09b, FWR+02, KxF22, LJBF00, MNR+11, MNPT06, NL11, RBS+17b, WFR+02, WF99]. **Upslope** [Zim09]. **Uptake** [DJR+01, GGO+14, BNM+07, BDNS03, BOP95, CHM+17, COJ+09, CB01, DRBM97, FBCN00, HTA+17, JHS+17, KIIW03, KNB11, KNC+09, LJL+17, LSS+07, NSvH+11, PWD+11, RWR+02, RWJ06, RGS+97, RCF+16, RN96, SH99c, SYS05, TLKT00, TWPP07, WPG+07, WCY05, WWN+02, WWW+02, ZHB+07]. **Upward** [GHD+18, HVBO08]. **upward-looking** [HVBO08]. **upwelled** [HKM00, MMHB98, VLK06, WLD+06]. **Upwelling** [FMH+02, RN06, AST+05, ADBU18, BN97, BPS00, BGWF08, BLD+06, BFF+10, BBV00, CCG04, CDP+02, CSW+18, CB00b, CDJM04, DH97, DDL06, DVCG+12, DRVVS+14, DWW+02, DBC+02, DWHM06, DDB+97, EDF+04, EHK09, FGU04, FWR+02, Fon96, GWL+15, GBP00, HCL+22, HSR+23, HEV+10, HZK04, HS93, JCPC09, KC03, KKK+17, KGB06, LWDH06, LPM+19, LPPK14, MAA+04, MAA+05, MKVT+04, NSH+10, OG11, OCP18, OC00, PCT18, PBS06, PWD+11, PPL+19, PLHMA06, RHI00, RAL04, RGL+06a, RMK+14, SGD+14a, SCGDU09, SRC98, SZH+04, SPF10, SSW05, SMBM00, SBB06, SPB+14, SVS+20, SCPP05, STS11,

Thu98, VSGGPR14, WMB+08, vGTG+00, vRPD+18].
**upwelling-influenced** [DRVVS+14]. **Urania** [ABG+20]. **Uranium** [AFM93]. **Uranium-series** [AFM93]. **urchin** [BSH+11, GIPLL+14]. **urchins** [BVL04, PP13, PL04, SLS17]. **urea** [CHG15, TLKT00]. **Uria** [KIM08, WTI+20]. **urine** [DRR+14]. **ursinus** [CRJ+08]. **Uruguay** [RDdL+13]. **Uruguayan** [RSCFT+16, RSCFT+13]. **US-GEOTRACES** [SML15]. **USA** [ASBM02, TBA+02, BMH05, BR14, BWH+17, DDL06, DLKP14, FPS10, GKQ+05, LLK05, MBB+02, MC18a, PCF+18, SSV02, WKM+07a]. **Use** [NLY+13, Thi01, AWL+09, AD08, BFDB17, BCN+17, BLS+97, BCF+04, CLQ+18, CWE+17, DHS+14, FGB10, GAC+02, HWN+04, HCRX16, HON+13, Joh19, KM05a, KI18, MPF+17, OMAA18, PHE+18, PNVJ13, RG13, RCM+17, SGD+14a, SID19, SVJ+08, SFH+18, SCGB18, SSB+06, SBG+06, TMH+08, VMGO+09, XSL+17, YZ00]. **used** [DTWW17, DTWW21, KBR18, OSM+20]. **USGT10** [BAC+15]. **USGT11** [BAC+15]. **Using** [CWEHT22, LNDH+17, MBP+20, MCH+13, PDA+17, PLA+17, RLB+18a, ŠH11b, TCEW07, ZKSS06, ZRG16, ADBW16, ABE+11, AKK+05, ADGA01, AGP05, ADG+08, AMK+05, BES11, BDBB07, BCT21, BDL+14, BFH+23, BBT+18, Car01, CC15, CM99a, COJ+09, CLGM05, CG18, CKH+08, CWD+10, DGP20, DGMS96, DBMI17, DBBWH20, ESK06, EP18, FA03, Fre13, GBC+13, GDL22, GGAMV+23, GPF16, GdRGLS04, GGP+14, HSO04, HSM+01a, HPH+16, HSR+22, HBM+07, HZW+23, HVBO08, IS07, IFFGL+04, Jac95a, JLAD95, JBR+18, JDL+12, JMM+13, KTP+20a, KTP+20b, KOM17, KG20, KKUK10, KYW20, Kli09, KKD06, LLB+00, LDHO+14, LPW+09, LVP13, LCL+22, LL13, MZD+11, MGT+20, MCSF15, MRE+11, MRD13, MXC15, MW05b, Mit96, MYN+96, NMW+09, NDE14, OM16, OBPY10, PCDM11, Pas18, PBG+10, PHD+18, PFW+09, PDB+16, PSP+09, PCB+17, PR05, PFAZL09, RAS23]. **using** [RD97, RAL+01, SMY+98, SLS+07, SP19a, SYS05, SJL05, SSR96, STP+16, SMA01, SHY+08, SMSA05, SL11, SCSMT20, SSB+06, Thi05, TVLB08, TMGLM19, TBPS22, TPP+20, VGD14, WH01b, WDFK+22, WCSA+16, WTSP07, WLT20, ZNM+02]. **utilisation** [CRDP02]. **utility** [SHS+12]. **Utilization** [MP99, EHK+20, KBLA97, KSBK01, Kem94, MJW+06, MBL+15, MQACB08, RLP+98, RTI+16, SMB+93]. **UV** [CWWB04, ÖCB+04].

**V**
[BH03, EBG+11, Kli09, PBO+11, PDBH03, CP22, CPM+18, RAB+17, Ste13]. **vagrant** [OCG+09]. **Valdez** [ALHP18, EBM+18, LMH+18, NM18, RP18]. **validation** [CFZ+18, CWS+23, GGSC03, HKMS03, PDB+16, SABP+16, YHL+12]. **validity** [BWD20, SLC+15]. **vallentini** [HA10]. **Valley** [FR10]. **valleys** [SBDB09]. **valuable** [ADK+15]. **valuation** [Sum19]. **value** [FRBB13, RG13, JMP+19]. **values**

[CHG15, DSBS20, JHHK14, Osc01, SBL+18]. **Valvifera** [GMB18]. **Vancouver** [DGN+17, HVWH09, PDC+99, SMLP04]. **vaporization** [GDYW02]. **Variabilities** [CCC+03, RMC+93]. **Variability** [ABD+13, BCBF03, CSM+13a, CFT+04, CMAO+12, DL04, ESWL20, EBDL08, FWG+97, HLZY10, HD07, KSU+06, LKL+13, LWC05, LRM+02, LSA14, LRM07, MDH+98, MZH+10, MHPS19, MJG+13, MBW+08, MHVM+08, RCW+15, SYT+10, SS01, SKSW02, TPGCCS+02, TMTR14, TWPP07, VPSL15, WF99, WWS02, Yu03, ZDBG05, AMJRD19, AML+19, ALHP18, AISR+16, ÁRR02, AGGdC14, dSVC+14, ACK+14, Ano95b, Ano96g, AMH+01, ATS+96, ALR+14, ACG19, ALT+13, AGJ07, AL13, BCBB12, BG08, BTP+18, BL99, BLSW05, BB09, BMK96, Bat01, BRD+18, BDWG02, BEC+96, BB98, BO96, BSM01b, BKD06, BCS99, BRL+03, BL03, BY04, BHSJ16, BDR+03, BT04, BT03, BWC+02, CCG04, CBBM12, CCP+18, CHPF10, CBS+96, lLCCC07, CG07, CCS+16, CWS05, CVM+01a, CM03, CMR+18, CPS05, CMW+08, CRR01, CKH+08, CMJ+18, CS19, DSB+18]. **variability** [DS21, DDN+04, DKN+97, DC00, DDL06, DRVVS+14, DMS+98, DZY+01, DLF+09b, DTR+09, DRS10, DG18, DFMG01, ERR97, ESK+23, EBGCL08, ECD+17, FGU04, FBC+02, FM03b, FCA04, GLCP12, GSMG04, GOD+01, GSW+09, GLK+06b, GGTMG+10, GBP21, GHB+05, GK02, HXF+23, HAH+01, HC15, HHH+14, HS07, HFM+02, HGB+13, HGMA+02, dlTGCAB+03, HBR11, HZT+06, HZK04, HTW14, HWL06, HXC+22, HNCW23, IS07, IIM02, IIM+09, ITMG18, JBC+21, KHS+02, KMLC+04, KK19, KAI21, KCD+96, KW03, KDMH18, KFH01, KMD+99, KIS02, KBE+04, KWW04, KN05, LUV99, Lad14, LDV+02, LBMvdB14, LSdC+10, LCW20, LK02, LK11, LJBF00, LPJ+16, LCG03, LCD01, LHM14b, LM13, LSGM02, LIS+02, LCT+07a, LSHP01, LD07, LSWH07, LBM+20, Loh08, LMC+12, LBB11, LG15, LSM96, LSOM16, MCL+19, MHB+23, MHG+04, MvSHD01, MDH08, MDTS11a, MRSLM+19]. **variability** [MSI+08, MDB98, MPS+21, MHB05, MB01, MPH+22, MSC04, MAST05, MG13, Men23, MHA+15, MMH+08, MRD13, MiSW08, MFG+04, MMC11a, MTMK+13, MMMC07, MBC+20, MMM+00, MSBS01, NGM+20, NKF+10, NBB+02, NR06, NLSL09, NBSM01, NDD+14, NPF+09, NESB+15, ONSSVGR04, OHS10, OGRdO18, OWD13, OGG+20, PF02, PH17, PS23, PKR+01, PvRR18, PP95, PH96, PFC19, PK03, PNL+19, PAM+14, PRP15, PKA05, PLHMA06, PSWF19, Pri06, QLU09, RBMY02, ROPB03, RKTG14, RMA+20, RJB+04, RSW+13, RBO07, RJGBF02, RDG+95, RHM13, RMBG11, SLC+20, SMLP04, SSH+02, SVJRSON04, SP19a, SMB+13, SPSM23, SiSA+02, SH00, SHB02, SdRvLR03, SHA02, SLM+20, SZH+04, SFG98, SW01, SGW+15, SET+09, SLB13a, SGB+08, SHFM01, SM03, SMS03, SP00, SPB+10, SCB+16, SPH+03, SKM+08, SM20, SMSI08, SMGB02, SMGB03, SJ00, STS11, TSS+21]. **variability** [TWA+12, THJ+05, TCM+04, TSWJ12, TM22, TKF07, TLP+19, TMW+05, TCH+16, UIS+03, UY04, VH99, VNBW18, VCDAL14, WHF+19, WCMB06, WAT12, Wei15, WDR05, WPW95, WMC06, WGST08, WSFB02, WSB13,

WWC+99, YCD+06, YKS+19, YSMW05, YAS+93, YXZ+22, ZPT+13, ZXLL10, bsBD+20, vGFGS02]. **variabilty** [SMS+08]. **Variable** [ASF+12, BS05, BS06, BLD+06, CBV+16, JGM09, LGF03, LAPL+16, RSS01, SVS+20, ZG15]. **variables** [AST+05, ANS+11, AMTE09, CH24, DGR19, IBK+11, JRGLJ+19, OB22a, RLB+18a, SCD14, SRC98, UY04, XSM+19, ZFP+16, dLC+14]. **variants** [XSL+17]. **Variation** [BCB+18, GFS15, HKN+04, HTM+03, KMOM19, LWW+15, MDJS11, SNS+16, ADE22, AELP14, BN97, BFC+06, BLBW+11, BL00, CSGC03a, CJF+12, CSS+22a, CRBK03, CKL03, DKT+01, DPS+11, FRBB10, GBH+17, GWWL03, GKR+18, HSSN08, HRK14, INTS02, JC03, JYM+15, JKP+17, JLJ+12, LCL+10, MHS01, Man94, MMID17, MMS+19, MC18b, MLR07, MPF+17, MHSV18, MCG+98, MMG98, ONRW10, OYK15, OB22a, PPYN15, PDC+21, RWL+93, SHI06, SNH+23, SGC03, SSK+05, SSK+07, SAB08, TRB98, VSV+97, WGMC14, YQMB20, ZZX+13]. **variational** [FM03c, SJL05]. **Variations** [ABC+04, BFH+11, CFL+16, EFR+19, KR95, KRHS20, NMW+09, SLH+00, WCS07, WSP19, ZCG+12, ZZZ+16, ALWW04, BRJM18, BMH05, BH19a, BCM02, BHHM+12, CD95, CH24, CLC+03, CLL+03, CGR+96, CSS+02, DW15a, DEJ08, DN97, DHM+22, DSG+09b, DFK+06, DO96, EHL02, EGL+16, FBL+98, FGW02, FDM+97, HP98, HLL+10, HMW00, HK01, Hei02, HPY+15, HBC+12, HF21, Ike03, IKR+12, IPTH03, JRG+22, JZX10, KL03, KS10, LBD+02, LT16, LDWK96, bLHsL+13, LH07, LZZ+16, MZD+11, MT15, MC02, MBMM+99, MDTS08, MV99, MSC+19, MCJ+99, MPS+03, NI10, NOFP14, OENB01, PDA+20, PVK+20, PG07, PDA+17, PLA+17, PRB+11, RRMM05, RAR04, RP05, SSI+99, SVR+00, SRY04, SF04, SFW08, SBD+97, SSP+06, SBN+15, SFB19, SGP+11, TS93, TWC+07, TNIW02, VABCR+24, VLP+17, WFA+95, WMM02, YOK+10, ZDWR95]. **variations** [ZHY+13, ZLW+19, vRPD+18]. **Varied** [MKW11]. **vary** [BvGH+17, WAN+15]. **varying** [BN05, Blu93, BMH+94, Dal04, DBS98, HPS+13, HSFN13, LK98]. **vascular** [YERT13]. **vast** [RMPI+17]. **Vaughan** [WF13]. **vectors** [Ark13]. **veering** [NR00]. **Vehicle** [MCH+13, CSW+18, DDB+17, DBBWH20, HSM11, KI18, LAJP13, MRE+11]. **vehicles** [KR11]. **velocities** [BB03, ESA+09, RN06, SJ00, SS13b, VABCR+24, XA09]. **velocity** [APLW09, Fre13, Har96, HVBO08, LPW+09, RPS+11, SWCB02, SCM+09, TSDG13, VT09, WLP+09]. **VEMA** [BBT+18, BFB+18, CP18b, DAB+18, GLMB18, LS18, RKB18, SLB18, SWL+18, ZV13]. **Vema-TRANSIT** [CP18b, RKB18]. **veneficum** [DLG+14]. **Venezuela** [MTMK+13]. **vent** [CSE+22, GFS15, HRS+23, HSZS17, KB15, KEA+17, LDSV98, MG22, MCB+15, MFS+23, MTDK98, MMM+13, Phi17, PPFS17, SBM+13, Sot09, ULH+21, ZJFV15]. **ventilation** [CMAO+12, MW05b, PRJW05, PGK15, PRB+11, SvdLM95, THJ+17, YCYK10, vCHM18]. **venting** [Bak98, BT15, MS18]. **vents** [Ala22, BBG15, EMV09, KCD+17, KM98,

MTB09, MCH+13, MKD23, MMG98, NCK+22, OGG+15, PZL+09, RDV+09, SSK+23, SFV+98, TTD13, VB98]. **Verification** [ZDO19]. **Vernal** [BLdM+02, LMDW06, OT10]. **versus** [BTUV08, FHW06, RLP+98, SHF+95, TSWJ12]. **vertebrate** [FG07]. **vertebrates** [Pon07]. **VERtical** [BTS+08, AAMF+02, AKH+02, Bla94, CW15, FPLB+08, FGF+14, Fre13, FSGV+09, GSB+23, GGTMG+10, HA10, Har96, ISB+11, JYM+15, KMKA20, KOT+20, LCR+96, MDTS11b, NAB+02, NED09, OB22b, PHS03, RRWR08, RWRS08, SSDA13, SM20, SMGB02, SMGB03, SHY+08, SESS08, SPH+08, TR02, TS10, TKP+20, Uys06, WZZ+19, WLZ+19, WAN+15, Wit00, YMC+22, YSHS08, AVS+20, ASFI02, BFDB17, BFL00, BASLK04, CD95, CLC+20, CSP05, CDH+00, CMB02, CP05, DPS+14, DSvR+18, DB02, FGH+13a, GGF+08, GMK+08, GSGS01, HCBP97, HHH01, HH93, HHD+09, KFF+94, KL03, KH10, Lar04, LML+01, LSM+06b, LS10, LYL22, LDX+23, LOFC00, MMY+20, MRRG23, MR01, MPH+05, MLP+10, MNN10, MDM+13, MBK97, MBM+00, Mun14, Mun16, MSBS01, NMC+07, PFDG08, PWMC01, PFW+09, PTD+14, PBN10, PC98, PVT+21, RA98, RMA+20, RNP93]. **vertical** [RN06, SZV+19, SGM+02, SAM96, TRH+08, TPW07, TBT05, Uml05, WDD+22, WAL+11, WW04b, YOK+10, YTF02, YXC+19, YO96, ZD04, TBB+08]. **Vertically** [SS13b]. **VERTIGO** [BL08, TBB+08, EBB+08, BGS+08, BTS+08, LBL08]. **very** [PMLM+02]. **vesicomyid** [DZL+17]. **Vesicomyidae** [LVJC17, BBAL+20, KKVP15, vCO09]. **Vesicomyinae** [KKVP15]. **vessel** [ZNM+02]. **vestimentiferan** [BTM+98]. **vestimentiferans** [MHC+10]. **Vetigastropoda** [FHK18]. **VI** [DZ08, VMF+16]. **via** [AGN+02, BEB+13, CHN+18, GLK+06a, SVS+20, SDLZ13, WJS+10]. **viability** [VCM+14]. **Viable** [CLT94, TIS+13]. **vicinity** [BJK+22, DHST13, FWP+07, FSK+02, FPGH02, GFPM02, HKN+04, HPM02, KRS+11, LTW+22, LPSS03, MAN+20, MiSW08, MPTW11, NGM+05, PC08, PSF+07, RT20, RHZ+03, SLMP07, SLB13b, TS03, VTD+20, VHT+20, ZZP04, ZHB+07]. **Victoria** [LCVV06, MCCM+98]. **Video** [BL06, DGMS96, SHY+08, BBS+20, CGG+19, DFMW13, DDB+17, LAJP13, MMY+20, Mah16, NKE11, NDE14, SBS+08, TGU+06, ADGA01, AGP05, ADG+08, BDW+96, BWS+98]. **video-recorded** [DFMW13]. **video-spatial** [BBS+20]. **videography** [MCH+13]. **Vietnam** [NCT13]. **Vietnamese** [TAMTC+13]. **View** [Ano06c, BW14, PPRL02, PGC+11, RPH+06, RGL06b, STM04a, STM04b]. **viewing** [STM04a, STM04b]. **Views** [STM04a, STM04b, CB09a, TSWJ12]. **vigorous** [ROBV+18]. **village** [Col16]. **villosus** [ASF+16, LSWH07, ODR+09]. **Vinciguerria** [GGAMV+23]. **Viral** [BFML+08, GBVG+02, MNB02, DCL+09, JBS+98]. **virally** [BTUV08]. **virio** [HCL+22]. **virio-** [HCL+22]. **Virioplankton** [BTUV08]. **Virus** [WTZ02, HKN+09, MNB02]. **viruses** [Kel10, PvRR18]. **Visayan** [BRCFP23]. **viscosity** [SLS+10]. **viscous** [SBB+05, Web19]. **visible** [BW93].

**visits** [GBB+17]. **visual** [MSM10, OCKA+11]. **visualization** [DGMS96, GWP+98a]. **vital** [RAF+14a, RAF+14b]. **vitrea** [PBG07]. **vitro** [BGH99, RJWD01]. **Vityaz** [BM15, EMG+15]. **vivo** [DN97]. **vocalizing** [MT98]. **Vol** [PNLF02, PNLFS03]. **volatile** [ABC+04]. **volcanic** [CR06, FD98, GSB+03, IAC+03, RVC+13b, SKS+16, WH98]. **volcanism** [DLHH11]. **Volcano** [CSE+22, MG22, MTB09, MS18, RKM+23b, BEZ+22, IAC+03, KBW+11, MWK+18, MFS+23, PPR+20a, SKS+23, HRS+23]. **volcanoes** [CSG+15, GPBV+07, TTD13]. **Volcanologists** [RKM23a]. **Volume** [AS01b, Ano95g, DCN+02, DB16, GSF+20, HS13, HB19, LLK+16, LS14b, PNLFS02, VNA+16, VGZ+19, VCG+20, Ano96c, Ano97b, Ano01a, BC03, BKY+17, DGA+11, FL04, GSF+19, GHS09, Har11, HWP+11, Hol96, HBV19, HBVG20, HBVG22, JC03, KD13, Kro05, OBH+19, SSV02, SD08, WMS+96, YZ00]. **Voracious** [MBH+96]. **vortical** [Hol06]. **vorticity** [OWD13]. **voyages** [TBB+08]. **vs** [Che02, Che03, ETP+16, HCHD09, PF02, SBR+97, VCM+14]. **Vth** [HBBD03, PS03, HB03]. **Vulcanellidae** [SKS+23]. **Vulnerability** [BJF16, LFKF+17, DTR+09]. **vulnerable** [AH17, DWG+15, FPB+14, VGD14].

**W** [Goe02, MWB+09, PWD+11, AF01, BK96a, BPD+11, BKD06, Bol08, BZvHH00, BL01b, BBA+01, BBD+03, CMT93, CGR+96, CWTJ03, DURP03, DMJ93, DJR+01, DNA97, FDM+97, FG97, GG93, HM93, HFM+00, ILWH03, IF95, JPM99, KF95, KR95, KRB95, KEPZ93, LKC96, LSB+02, LBB95, LDFS93, LFHM97, LKK+95, MH93, MGNB96, MAB+01, MGC+01, NPF+09, PWD+11, PH96, Pfa93, PGS14, PDB+20, RWL+93, RW95, RDG+95, SLT+11, TCJ+11, VSSN96, VPS97, WZW+95, ZBvH+00, ZSB01]. **W-140**$^o$ [PWD+11]. **Wadleigh** [Ano06a]. **Waisiuconcha** [BBAL+20]. **wake** [THJ+05]. **Wales** [OG11]. **Wallaby** [BNKJ23]. **walled** [HdVGHM02, ZB00, dSG09a]. **Walleye** [WWN+22, BCBB12, Blo02, BOKA16, CBSS02, DABF+16, EZB+20, EBG+22, EMB+22, GEP+16, GBP21, HPH+16, MES+23, MZH16, PHH+16, SHN+07, SHM13, SNS+16, SDAH+12, SSDA13, SCD+22, SHPM14]. **walls** [PZL+09]. **walrus** [HNB+13, YBC+17]. **walruses** [KR07]. **Walter** [BLS05]. **Walters** [DNR20, MGT+20]. **wane** [BCBF03]. **Ward** [Eif05]. **warfare** [BSSE16, KSDE16]. **Warm** [NSH+10, ASF+16, BSG+11, Bre93, CCC+23, DGR19, Dri09, FM03a, FHAH16, GOGCDB18, HHX+10, IIM+09, KNG02, KIY+05, KHL+17, LJHAA19, LBD+02, LZC+16, LZZ+16, MFFM03, MST+14, OWW+12, ROC+21, RSC07, RYT01, SYT+10, SSK+05, SSK+07, SKM+12, SKW07, SNK07, TNT+15, ZDBG05, BLG15]. **warm-** [SKW07]. **warm-core** [BSG+11, FM03a, MFFM03, RYT01, TNT+15]. **warm/fresh** [IIM+09]. **Warming** [FHR+11, AHV+17, CSS+22a, DAA+20, EHK+20, FMC+20, GBJ+15, HNW+08, HK19, HV03, KCL20, LWJR22, MAH+12, SBM+18, SBS07, VAT23, XWZ24]. **Was** [Qua97, OUJ+19]. **Washington** [PCF+18, SMLP04]. **washingtonia** [TMBTS09]. **wastes** [KB95]. **wasting**

[CRD+17]. **Water**
[AKBD13, ACSG15, ADAM02, BCI02, BFH+11, BSZ99, BRSlW95, Cor10, DSK+13, DFF02, DKS11, DFK+06, EPPR09, GZGH22, GMS+02, GLDCA+06, GCR+02, HF01, JSBC15, JTDG13, KQ02, KD13, KHB+04, LKD+15, LGQ99, LLM+03, MBT97, NRBO+05, OWD13, PHOM09, PMM+94, QNL+16, RAF+11, SC10, SH99b, SMB02, SP19b, SRF09b, SK02, TGLN93, VPK+19, You99, You10, YCYK10, ZGGF22, Ala13, ACPV04, AAG19, AHVB+17, AL13, BN05, BCBB12, BOC18, BMP+09, BSK+97, BCBF03, BCN+17, BM17, BFT10, BFT+97, BDL+14, BW99a, BRW00, BY04, BL04, BBB+11a, BSSE16, BAKF03, BR14, BWH+17, BBW+15, BAC+02, BLSS10, BT15, CP13, CBCT09, CB16, CPF+14, CFT+04, CMAO+12, CMBPM04, CA06b, ÇYFB+06, ÇYAYT06, CMA+09, Cok16, CCM15, CJ19, CKS05, CRM+16, CJF+12, CMB02, CMVS+10, CG15, CNM17, CP05]. **water**
[CPEN08, Cra05, CAGLV+06, Cri95, CMPB18, DMS+10, DCC+17, DLG+14, DEL+17, Dau18, DGT+17a, DRRBC16, DC12, DSO+97, Di 10, DGB+98, ETP+16, EFW+14, ESL+10, EP18, EMW+08, FBP+17, FHR+11, FDP+14, FCA04, FGH+13b, FKH13, FA02, GRS00, GDYW02, GS08, GPCC+17, GP16, GQ09, GHG+04, GGO+14, GRSW00, Gre08, GC18, GOC09, GSK96, HKR+01, HSS+18, HHH+15, HDD+11, HDF+01, HKSV11, HWK+14, Hen19, HMLS+06, HZK+05, HYK+02, HAP03, HHH+22, HLNO96, HSY08, HFP94, HSD04, HWS+07, HMSMK04, HCRX16, HHR+08, HBK+98, IBD10, IIM+09, JB01, JKB04, JBJ17, JCP+22, JASS02, KM05b, KWF+19, KNK15, KCTG16, KDMH18, KSH12, KBSS93, KS10, KMLT06, KFS+10, KL96c, KBFH14, KHL+17, LMM+17, LG09, LPdR+14, Las93, LDBvdB17, LMA08, LDBS+17, LZC+16, LWC05, LHZ+16, LLM+17, Lin04, LGR+14, LSC02, LM96]. **water**
[LPM+15, LAT+18, MWS+15, MTR+10, MRB+14, Mar18, MMS+16, Mar13, Mar19, Mas01, MA05, MDM+13, MFN+02, MKB+10, Men23, MBD+17, MSV+17, MGC+14, MKH+05, MTM+13, MBMGK08, MST+14, MSA+14, NGS+20, NSKG96, NOFP14, NFD+02, NRS14, OHK+02, OACA19, OM02, OGC09, OGG+20, Pap05a, PBG07, PL04, Pee97, PFW+09, PPRHLF02, PWP+05, PMM+16, PNL+19, PE17, PFC09, PSE+93, PFG+03, PLS+03, PGK15, PFAZL09, RRL+14, RSR+19, RVC+13a, RLVF02, RTC06, RTFB09, RMCAR06, ROC+21, RKHK+11, RGHN+97, RG03, RS15, RSC07, RVD+10, RKS+95, RYT01, SLC+20, SGPD+14, SSWM18, SHB02, SvdLM95, SSUB15, SF04, SSL98, SFG98, SKdS+14, SHFM01, SBM+13, SHM+07, SBA+20, SABP+16, SKGD14, SSR+14, SSC+00, Ste13, SDGH14, SBS+02, SLB+16, SGP+11, SKM+14b, SAL95, TRM+07, TGRB02, TGA+09, TAC+17, TH99, TMTR14]. **water** [VVTM97, VK04, VKM13, VSR+10, VFFM13, VM01, VCO+15, WHL+97, WTS08, WFA+95, WCL+15a, WST15, WWH97, WF99, WGST08, WSFB02, WCJ97, XZM+23, YNG+16, YKS+19, YBRT17, YÇYTKB06, YLBdR03, ZWK+15, Zon97, vBBR+08, ADS+02, ACH02, BCI02, BBR+96, BLB+02, BLdM+02, BLG11, FS05, GHM02, HdVGHM02, HWM02, HFK+02, HD02, IBB+02, JCF+06a, KH02, KKH+02, KLM+02,

KLM13, LB93, LLM+02, MLG+02, MNB02, MYE+02, OHK+02, PG97, RFF+02, SSH+02, SRF09b, Spa99, SGL99, TGFP02]. **water-based** [PFAZL09]. **Water-column** [ADAM02, DFK+06, BT15, CPEN08, GQ09, RTC06, RTFB09]. **water-leaving** [BY04]. **Water-mass** [KHB+04, YCYK10, KM05b]. **water-sediment** [RGHN+97]. **watercolumn** [BCWT00]. **Watermass** [PPB+22, SGA+15]. **Waters** [SJA+97, WWcW+15, ATD+11, ABG+20, ATJ05, Ake19, ADBU18, ACV+01, ABKL96, AL14, ASH+11, AHK99, BDB97, BTP+18, BCM02, BPF+03, BD02, BSSK+08, BPBJ13, BPD+15, BMK09, BL01b, BBB13, CBG02, CHM+17, CKFC18, CMW+05, CFL+16, CKH+08, CWdE99, DMC+17, DHW98, DCD+14, DLW+17, DKJ13, DSJ+11, FPLB+08, FCG18, Fig02, GBG15, GGM+16, GVD+97, GF97, GBVG+02, GZZC10, Had11, HWTP07, HSO04, HA03, HM06, HKM00, HLS+02, HYMD11, HHNK+04, HHKH+04, IKR+12, IPTH03, JRG+22, JCM+13, KAI21, KL06, KMSM11, KL96b, KR95, KSU+06, KMA+18, KN97, KTF07, KTP+05b, LAÁ+14, LPA+17, LAB+17, LSS+11, LJL+12, LGO08, LZC+16, LLG+16, LRM+02, LCR+96, LGB13, LSM96, MN10, MSRM14, MMHB98, Mar18, MLS01, MCM+14, MAK+16, MV99, MV01, MBS+13, MTD+18, Met09, MYL+98, MDGF01, NSKG96, NCR+08]. **waters** [ÑB04, NMC+07, OA11, OW09, PWTH15, PW15, PRC+09, Pap05b, PvRR18, PAVGBG02, PHS+11b, Pin93, PJ99, PDG+03, PdBK+03, PRB+11, RAT+13, RBJW16, RVGF02, SMLP04, SWR+95, SCM+02, SMB+93, SSP14, SLDL93, SSV02, SHH03, SPEPS18, SGA97, SBN+15, SVKT20, SGD14b, SSJ+22, SAM96, SDLZ13, SB05, TAMTC+13, TMH+08, TAB+02, TB98, TLR+00, TLP+12, TS10, TRHA01, TDC08, TNBL95, TWPP07, VLK06, VSM17, VMB17, VMGO+09, VPS97, WKM+07a, WCY05, WS11, WCB98, WYW+02, YCN+10, YHC+11, ZHD+08, ZWM12, ZWK+15, ZDA+16, ZRG16, dLC+14, dSSB+01, vdLCS+11, LSGM02, WKLM15]. **wave** [BOHW22, ERR97, Hen19, JMW+20, Joh96, KWT+16, MS06b, Pal19, Pap05b, PP20, SDL22, SHA04, SBB+05, SFD04, WDFK+22, WZZ+23, Web19, WCK+18, WP17]. **wave-current** [PP20]. **wave-dependent** [SDL22]. **wave-induced** [KWT+16, WDFK+22, WZZ+23, Web19]. **wave-planed** [WCK+18]. **waveguide** [GK04]. **Waves** [CK10, ASM06, AHN23, BSS+02, BVGE+06, CW22, CIMT19, CH19, DBG+16, GK04, Hen19, HGM+11, Hol06, KVPK20, LH06, MV19, Pap05a, San13, SVKT20, SPD+11, WCL22]. **Wax** [PTWM12]. **way** [AS02a]. **WE92** [SSK+07, SSK+05]. **Weather** [SBG+03, BG08, PGS14, RBH+20]. **web** [ADV+01, AM07, COV+08, CNOC13, DRD06, DIM+12, DGK10, DSN+20, EMV09, FHT+14, GGH+00, HS01, HFK+02, HAM+15, IBD10, JCF+06b, JSM+16, KYW20, MD17, NA13, PCP+17, SVR+00, SAM+12, SCSMT20, Thi05, TVL+00, VS99, VSR+00, WMH+07, WWH+10, WAV+12]. **web-based** [DIM+12]. **webs** [AMK+05, BFM+14, CS20, FTT+17, HWCT11, MMTT+20, PTO+16, PDS+17, PDTS08, RJDR06, RWN+08, Row13, vOSG+11]. **Weddell**

[Dia04, HWS+07, JR11, TWD+08, VSC+11, ASMH08, BG08, BN04, CMK+18, CL06, CG04, DFMW13, DAGK+17, FHR+11, FHvFM08, FMWD07, GMS+02, GBH+17, GHG+04, HNW+08, HAGW+13, HHW+08, HKSV11, Hil04, HdBB+02, HSD04, HHR+08, IGP+06, JTT04, JT07, KDMH18, KGB+14, KMM+08, KFHR05, LRH+11, LBB+07, MB07a, MGMP02, McP08, MDT+08, MPHF02, RJT11, RVGF02, REWH11, SSMM+08, SSHM+08, SF99, SHA02, SRDV07, SRH+11, SWH08, VVV04b, ZHD+08, vHHH+11, vdLCS+11].
**Weekly** [CRP+05]. **Weibe** [Ano97b]. **Weichselian** [SSR+14]. **weight** [BMHR08, GEP+16]. **weight-dependent** [BMHR08]. **Weiss** [IFFGL+04]. **well** [Joy16, JBÖ+16, PWMC01, PFAZL09, RKB18, SSAF02]. **well-mixed** [PWMC01]. **well-preserved** [SSAF02]. **Wellhead** [CDM+16]. **WEST** [Ano06f, CHM+17, CG21, DHS+14, DNR20, DRR17, HNM+20, KFS+17, LBM+17, MS18, NMR10, NRH+20, RTM+20, RAB+17, Rog17, SBBP+15, SBC17, VTD+20, VM01, Bol08, CKH+08, Dal04, DNK+08, DK04, Duc08, DEK+08, GRWW01, HVWH09, HTA+17, JGM09, KB95, KHB+04, LWA+04, MDH08, MT11, MAR+15, MSV+17, MS12, MTMH11, MFS+23, Pin93, RAL04, RQNO04, RQM+08, SSWM18, SG99, SZV+19, SK02, TBW+11, TWPP07, VMI+08, WMB+08, WZL+16, WNA+10, WRS99, ZRC+11, ZGGF22, LLR+06, LWDH06, VLK06, WLD+06, AJR+15, BMG+17, BMGC09, DKS11, DT08, DFK+06, GFK24, GSM+08, IYM10, JFK+10, JFM+17, KKSA19, LWL+24, LDBS+17, LWZ+23, LGR+14, MCD+09, MSJS08, NWZL23, NMR10, PMJW10, PPZ93, PHS+17b, SMCA01, SV09, SWLL23, SBS+08, SKH10b, TFR+10, VJP+10, WB09, WGMW10, WNA+10, WRBS10].
**westerly** [ERR97, RMCAR06]. **Western** [BLO+17, BLI+09, CDT11, FJF+11, HDR+11, JDBP+05, LOA13, MDTS11a, ORFA+14, PLD+17, PDA+17, SS99a, SDGH14, TCJ+11, ASMH08, AV97, ACBV+18, Ala13, AKH+02, ATLD+20, ACR+20, AHV+17, BRCFP23, BFD+23, BG08, BMCF97, BLO04, BBN97, BS21, BPM18, BCDV02, BSZ99, BLS+97, BSW+13, BG09b, CSA+09, CBCT09, CZP+08, CDRA08, CMB+97, CWP+15, CW97, CCC+03, CRR01, CG04, CMTS97, CNM17, CCFL01, CC01, DSB+18, DBJ97, DB05, DDB+97, EBG+22, EMB+22, FL02, FHvFM08, FKH13, GP08, GBH+17, GDAMS19, GGLP02, GWDP11, GVD+97, GNB+17, GMC97, GK02, HNW+08, HHH+15, HOD+09, HHH+93, HTS+09, HHW+08, HWCT08, HHP04, HZN+16, HPK+97, HHR+08, INTS02, IIM+09, JCP05, JYM+15, JLJ+12, KM05a, KSH+09, KOS+16, KNG02, KCA05, KBVM13, KMM+08, KYI10a, KHC+09, KY17, KTSI07, KSU+08, KT02].
**western** [KNI+05, LLD+17, LDHI93, LLH+15, LSGM02, LIS+02, LLK+09, LSA14, LRDS18, LLK05, LAT+18, MN10, MPH+95, MPG+97, MGR+03a, MDTS11b, MM97, MCPA02, MCSF15, MAK+16, MES+23, McP08, MPJ+13, MSvL17, MDT+08, MSS+02, MHVM+08, MSM10, MR08, MQD06, MBTM97, MST+14, MHM+14, NHS+09, NOT+09, NSLAP+17, NTF01, NPF+09, NTK+09, NMWH19, OE06, OYK15, OKY+17, OTN16, PAVGBG02, PKA95, PPT+10, PBN10, PHDK11, PGK14, PRSS23, PHKW10, RR96, RV00, RMC+08, RF99,

RHPC+19, RHI00, RTM14, RL97, RFLW00, RN96, SSSN19, STK02, STN+09, SiSA+02, STF09, SSMM+08, SSHM+08, SNIT02, SSK+07, SDB+19, SGA97, SE95, SMS+08, SMD08, SFH+18, SMSI08, SGM+14, SWH08, SAM96, SMSA05, SLB+15, SKF+10, SFP+09, TT05, TRF+97, TNIW02, VMB17, VKM13, WT14, WLZ+19, WZW+22, WTCB09, WYL+20, WC07a, YWI+02]. **western** [YTF02, YHK15, YWW23, YKO15, YOI+09, ZCG+12, vWMR+17, Ano05b, ANI09, BIP+02, BTP+18, Bat01, BLBW+11, BOB20, BSR+18, BCF+04, CHG20, CB18, CPS05, DCA09, DBL+19, DGS+05, ERPFF11, ECD+17, ECS+17, FMZ15, FMFW07, GCS+12, GCR+02, Gau07, GOM+09, GH05, GHS09, HWTP07, HBT+08, HZL+12, HC05, HM06, HFM+00, IBK+11, IABR+17, KNV+10, KMC05, LPA+17, LWSA08, LWAS08, LJL+12, LFKF+17, MSI+08, MISC+02, MORB+15, MJG+13, Men23, MM15, MMMC07, PIP+02, PDT11a, PKW07, PWP+05, RMBG11, RBCG10, SAKP+22, SAG+10, SSH09, SSK+05, ŠHW+04, ŠH11b, SABP+16, SKW07, SYK+13, TCM+04, TWD+08, VNBW18, VKM+10, WGNH15, WAL+11, WDC+15, WCL+15b, YKJ+15, ZCP+08, TMP+13]. **WESTPAC** [ZMYS13]. **Westward** [SWO10, MRC05, RSC07]. **westward-propagating** [MRC05]. **wet** [LT16]. **whale** [ALSF+17, AGW+13, BJK+22, BCKH07, BFS+17, BOH+04, CdST+17, DBL+19, DCF+18, EF98, ESWL20, ECM+06, FRH+98, LAP+17, MGJ+18, MHSV18, OCP18, SSAL+17, SRAL+17, ŠHW+04, ŠH11b, SMB+98, SCGB18, TCM+04, TSSR20, TMBTS09, ZFP+16]. **whale-fall** [ALSF+17, SSAL+17, TMBTS09]. **Whales** [LCD+24, BRG17, BCT21, BEC+96, Ber07, COQ+18, CBK+07, LSHB09, MBG18, MML07, MT98, MSM10, MHM+14, OMAA18, PTS17, RHB+04, SGB+08, SFH+18, SMB+18]. **Where** [BBG15, BY09, BCBB12]. **Whirl** [HKM00, WWS02]. **whisker** [GHM18]. **white** [MDC+10, RAT+13]. **white-beaked** [RAT+13]. **Whittard** [MTM+13]. **whole** [DVC14, SBL+18]. **Wicksten** [SR08b]. **Wide** [STM04a, STM04b, ATI+23, DLL+15, MW05b, XSL+17]. **widely** [KGB+14]. **Widening** [RJB+04]. **Widespread** [KDSR19]. **wild** [WWB04]. **wildlife** [EBM+18]. **Wilkes** [EWA+03a, EWA+03b, BCA+03, DBD03, DBDT03, WLR+00]. **William** [Cam18, CBA+05, GKR+18, LB18, LMH+18, MC18b, MOA+18, SNMH18]. **Williams** [Ano97c, DCBS98]. **williamsae** [KMA+18]. **Wind** [LDG94, VLSS+04, AGGdC14, AAG19, BV98, DBG+16, DRVVS+14, DDLK06, DKI+00, ERR97, FLLGR04, HH05, HWL06, HNB+13, KKD06, LLR+06, LCD01, LPM+19, LDW22, MBNB+08, NI10, NR00, OACA19, PN93, PPL+19, PF06, RMCAR06, SCL+04, SP19a, SRW+10, SSSC19, SGW+15, WLD+06, YAOW05, Ano06f]. **wind-driven** [LLR+06, LPM+19, MBNB+08, NR00]. **wind-energy** [HWL06]. **wind-event** [DRVVS+14]. **wind-forced** [PPL+19]. **Wind-induced** [VLSS+04]. **wind-stress** [AAG19, KKD06, YAOW05]. **Winds** [MS01, AVS+20, BLD+06, KB99, LC16, LCS16, LWL+24, LPPK14, PBS06, RAC+20, SF11, SMH+11, ZG15]. **Winners** [LWJR22]. **Winter** [AHB+17, ARW+04, BFH+11, BCF+04, GBP21, KHB+04, PEC+04,

SLC+20, SP19b, SBS+02, TT01, ZZM+13, ZNPR09, ADG+08, BSM01a, CRF04, CMB02, DNM+16, DJFK+22, DC06, ERPFF11, FGW02, FMS08, GKR+18, GSdS+14, HLL+10, HMS+13, HAGW+13, HH20, HHX+10, HZN+16, HPS+11, JH04, KSM+11, LCD01, LTW+11, LHZ+16, LPM+15, MBHP99, MCBC08, MNG+11, MBC+20, NSY04, NVK+04, OVKN11, PF02, PMLM+02, PWP+05, PMM+16, PFX+02, RCF+08, RBO07, RQNO04, RFHL99, SCGDU09, SvdMC+16, Sco05, SMP+15, SKF+10, TMT+11, THT11, TML+16, UWvdE+16, VMF+16, WSE+16, WMP+11, YH10, ZZP04].
**winter-early** [OVKN11]. **winter-spring** [MNG+11, UWvdE+16].
**winter-transformed** [PWP+05]. **winter/spring**
[DC06, PFX+02, SvdMC+16]. **wintering** [SMB+18]. **Wintertime**
[KFJ+05, WB03, ST13, WMM02]. **WIOURI** [RT20]. **wise** [BRJM18].
**within** [BPKJ15, BHSJ16, BNFS01, BAR+02, CAS+97, CCW+08, DNM+16, DCF+18, FRBB10, GGI03, GK16, HA10, HO99, JLY+16, JTDG13, KFG+03, KCMA05, KRW03, KGB16, KCO+19, LVJC17, LPA+17, LAB+17, LDHO+14, LGF03, LGML00, LMKL09, MBNB+08, MASVB+19, MRLL01, MR01, NS93, NSKG96, NRSL17, NOFP14, NSMBN08, NMWH19, PSE+93, RMBW07, RLVF02, RJWD01, SLDL93, SSHB03, SBA+20, Sor99, SGD+03, SAL95, VKGQ+09, VMM+08, VVV04b, VMI+08, VD98, WDM+05, Wit00].
**WOCE** [BTRL99, FM03c, SWCB02, WSFB02]. **WOCE-SVP** [BTRL99].
**WOD** [CMR+18]. **wollastoni** [ROS+17]. **Wood**
[SBBP+15, ACD+17, BPKJ15, KB15, NMS09]. **Wood-associated**
[SBBP+15, BPKJ15]. **Woodfall** [Sig17]. **Woodward** [Ano97c]. **work**
[OAH+16, ROY13, Ver13]. **works** [Row13]. **Workshop** [Ano05c, WHLR13].
**world**
[BSCR11, LKLK17, Aar03, HWL06, MDGF01, NP03, RDP+02, CMR+18].
**worldwide** [NCSO13]. **worm** [BAKF03, DCA+98, PGC+11]. **worms**
[ALSF+17, APT11, BTM+98, ELG+22a, ELG+22b, MA13, MA18b, QNL+16].
**wrong** [BHS+10].

**X** [AWL+09, RSD+97, SDB+97]. **X-ray** [AWL+09]. **X/6**
[RSD+97, SDB+97]. **xenophyophore** [VWTK18]. **Xenophyophores**
[GdSP11]. **XGBOOST** [GGAMV+23]. **xi** [Ano96l]. **XII** [Kyt02b, Kyt02c].
**XII/4** [Kyt02b, Kyt02c]. **XIII** [SBvdL+02]. **XIII/2** [SBvdL+02]. **Xiphias**
[LPK+17]. **Xisha** [TWL+15]. **XXIII/3** [BPRS11, FdBGP11, SGP+11].
**XXIV** [GJ11]. **XXIV/2** [GJ11]. **XXIV/3** [FdBGP11].

**Yakutat** [JWO+09]. **Year** [Ano14, CBK+22, SGL99, WMA11, AAL+17, BEGC04, BA02, BSR08, CMC+02, DSC+01, DABF+16, FM03b, ITT12, JVDH08, JMM+13, KAHS20, KC04, LWO+09, LK98, LWL+16, NLDJ14, OAH+16, OWW+12, ROPB03, SBM16, SHR20, SGM+02, SLLT10, TMP+19, TWD+08, TTA+16, VMF+16, WAW05b]. **year-class** [LWO+09]. **Year-long** [SGL99]. **Year-round** [CBK+22, DSC+01]. **year-to-year** [SBM16]. **Years** [MSS15, BIP+02, BM17, BFSK08, BSJ13, Bor01, CAFK03a, CCC+23,

DPK+14, DKP+14, DZY+01, DFA+20, Fir96, FMH+02, GNT+17, GSB+03, IOTS16, IPLCHRMR19, JBÖ+16, LTF+19, LJHAA19, LM13, LPM+19, LMH+18, LZZ+16, LBJ+13, MRB+14, MLH14, MTG18, NCR+08, PDK+14, PdBK+03, RRL+14, RMD+12, RLPF07, Sag18, SRY04, SSK+05, SSK+07, SKM+12, SDK+16, SGM+14, SFB16, YSBH06]. **Yelkouan** [POİ17]. **Yellow** [LYN+13, LS10, NLY+13, SFW+13, SFZ+13, AIW03, GZZC10, HZZ10, JZX10, JLR+13, LHZJ13, LXS+13, RZL+10, SZG+13, SLZ+16, SDLZ13, SHY10, TSZ10, TSZT13, WWH+10, WSLP10, WYT19, YKSI19, YH10, ZSKL19, ZQW19, ZXLL10, ZZX+13, ZXH+13]. **yellowfin** [BSN+15, DABMAMA04, DWM+15, DKP+17, HHMF11, LCW20, LGP+15, WLT20]. **Yemen** [DDB+97]. **yield** [HWN+04, SS01, ZSKL19]. **yields** [Ake19, MTBB00, VMBS03]. **yongei** [SI09]. **York** [RGS+15]. **Yoron** [DAN23]. **young** [GK16, LCH+09, NMWH19, SLLT10, vAvVV+03]. **young-carrying** [GK16]. **young-of-the-year** [SLLT10]. **Yukon** [ARWM13, MHG+17, NAT+12]. **Yutu** [CW22].

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