

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

Nelson H. F. Beebe  
University of Utah  
Department of Mathematics, 110 LCB  
155 S 1400 E RM 233  
Salt Lake City, UT 84112-0090  
USA

Tel: +1 801 581 5254

E-mail: [beebe@math.utah.edu](mailto:beebe@math.utah.edu), [beebe@acm.org](mailto:beebe@acm.org), [beebe@computer.org](mailto:beebe@computer.org) (Internet)  
WWW URL: <https://www.math.utah.edu/~beebe/>

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**\$#** [BHS<sup>+</sup>10]. 1 [DLR<sup>+</sup>01, DP99, JCF<sup>+</sup>06b, TLMT97]. 2 [EB01, JCF<sup>+</sup>06b].  
3 [CBF01, Cok16, FC01, GGLP02, GMPS04, JCF<sup>+</sup>06a, JDL<sup>+</sup>12, MRM<sup>+</sup>12,  
SGB<sup>+</sup>02, WTSP07]. 4 [FM03c]. 50°S [RWJ06]. 60°N [RWJ06]. 80°E  
[MKB<sup>+</sup>10]. < [RMCAR06]. > [EBG<sup>+</sup>15, OvdRvA<sup>+</sup>22]. - [GAC<sup>+</sup>02]. <sup>10</sup>  
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[BCWT00, BW99a, BOP95, CHL<sup>+</sup>15, CSL<sup>+</sup>07, CMVS<sup>+</sup>10, DKN<sup>+</sup>97,  
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VMGO<sup>+</sup>09, WCL<sup>+</sup>15a, YA03, YCT<sup>+</sup>22, ZGW<sup>+</sup>23]. <sup>21O</sup> [SRF95]. <sup>226</sup> [KL96c].  
<sup>228</sup> [CBB<sup>+</sup>00, KLKB95, LKK<sup>+</sup>95, RKS<sup>+</sup>95]. <sup>230</sup> [AFB<sup>+</sup>94, CAFK03b, FA03,  
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[NZT97]. <sup>3</sup> [JML08, KLLO98, MPS<sup>+</sup>03]. <sup>32</sup> [WBM96]. <sup>33</sup> [WBM96]. <sup>39</sup>  
[SKS<sup>+</sup>16]. <sup>40</sup> [SKS<sup>+</sup>16]. <sup>7</sup> [CLGM05]. <sup>90</sup>  
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<sup>2</sup> [PHD<sup>+</sup>18]. <sup>3</sup> [BZvHH00, ESA<sup>+</sup>09, EAS<sup>+</sup>09, KSS00a, SMCA01]. <sup>3</sup>  
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[Abr19, BSW<sup>+</sup>13]. <sup>C</sup> [BDNS03]. <sup>:</sup> [MBL<sup>+</sup>15]. <sup>Δ</sup>  
[TLP<sup>+</sup>12, ZNM<sup>+</sup>02, BCWT00, BW99a, CHL<sup>+</sup>15, CSL<sup>+</sup>07, CHG15,  
CMVS<sup>+</sup>10, DKN<sup>+</sup>97, DBMI17, GOH<sup>+</sup>15, HFK<sup>+</sup>02, JHHK14, KW00,  
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JCF<sup>+</sup>06a, JCF<sup>+</sup>06b, JDL<sup>+</sup>12, SGB<sup>+</sup>02, TLMT97, WTSP07]. **-diversity**  
[BSW<sup>+</sup>13]. **-hexachlorocyclohexane** [JKB04]. **-phase** [WH98]. **-plane**  
[Abr19]. **-ratio** [GG93, WO99]. **-release** [BBL<sup>+</sup>13]. **-system** [CBB<sup>+</sup>95].

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

**0.5'** [NGM<sup>+</sup>05]. **0°** [FDM<sup>+</sup>97].

**1** [Ano98m, Ano99m, GBH<sup>+</sup>01, GSF<sup>+</sup>19, MDI<sup>+</sup>12, OGC09, OCKA<sup>+</sup>11, PF04a, SVR<sup>+</sup>00, VAK<sup>+</sup>09, WSFB02]. **1/6<sup>o</sup>** [TBBM03]. **10-year** [NLDJ14]. **107C** [Mun16]. **109** [ENM<sup>+</sup>16]. **1093** [GPK02]. **10<sup>o</sup>** [CM99b, PRMM<sup>+</sup>17, SHD<sup>+</sup>96]. **11** [FCP99]. **110<sup>o</sup>** [ADE22, BPD<sup>+</sup>11, BHT22, LHD<sup>+</sup>22, OB22a, PWD<sup>+</sup>11, PPB<sup>+</sup>22, SSJ<sup>+</sup>22, SB22]. **116** [NGM<sup>+</sup>05]. **118** [ULTL16]. **120<sup>o</sup>** [SvdMC<sup>+</sup>16]. **123<sup>o</sup>** [PDB<sup>+</sup>20]. **128<sup>o</sup>** [WMP<sup>+</sup>11]. **12<sup>o</sup>** [LKC96]. **130<sup>o</sup>** [OVKN11]. **132** [CM16a]. **135** [DTWW21]. **140<sup>o</sup>** [BK96a, BPD<sup>+</sup>11, CGR<sup>+</sup>96, FDM<sup>+</sup>97, IF95, KF95, KRB95, LKC96, LBB95, LFHM97, LKK<sup>+</sup>95, MGNB96, NTH10, PH96, RDG<sup>+</sup>95, SLT<sup>+</sup>11, VSSN96, WZW<sup>+</sup>95, PWD<sup>+</sup>11]. **144<sup>o</sup>** [WDG<sup>+</sup>02]. **14<sup>o</sup>** [GCB04]. **150<sup>o</sup>** [BRW00, DNA97, HSK<sup>+</sup>00, NPBS00, NKK<sup>+</sup>00, PNH<sup>+</sup>00, SGW<sup>+</sup>00, TCG00, WvdEM00]. **152<sup>o</sup>** [NPF<sup>+</sup>09]. **153** [RDC<sup>+</sup>18a]. **155<sup>o</sup>** [INTS02, TNIW02]. **165<sup>o</sup>** [DNA97]. **16<sup>o</sup>** [MGK<sup>+</sup>17]. **16S** [MGT16, XGL15]. **170** [HiII<sup>+</sup>20]. **170<sup>o</sup>** [AF01, BL01b, BBA<sup>+</sup>01, BBD<sup>+</sup>03, CWTJ03, DURP03, HFM<sup>+</sup>00, ILWH03, Kas24, LSB<sup>+</sup>02, MAB<sup>+</sup>01, MGC<sup>+</sup>01, SMCA01]. **171<sup>o</sup>** [Kas24]. **175<sup>o</sup>** [IHI<sup>+</sup>97]. **17<sup>o</sup>** [MGK<sup>+</sup>17]. **180** [RTI<sup>+</sup>16]. **180<sup>o</sup>** [GLLC04]. **1816** [GIPLL<sup>+</sup>14]. **1888** [DHST13]. **18<sup>o</sup>** [KEPZ93]. **1902** [SL06]. **1904** [MMN10]. **1906** [WF13]. **1920** [RMBW07]. **1920s** [Dri09]. **1941** [NCL13]. **195** [ELG<sup>+</sup>22a]. **1960s** [Dri09]. **1970** [BPKJ15]. **1980s** [CBK<sup>+</sup>07, KFS<sup>+</sup>10]. **1986** [Duc93]. **1987** [BSMV03]. **1989** [JPSB93]. **1990** [RA98]. **1990s** [AGL<sup>+</sup>19, Dri09, KDU<sup>+</sup>10, KFS<sup>+</sup>10]. **1991** [Dan95]. **1992** [Dan95, IF95, LCR<sup>+</sup>96, RD97]. **1993** [HBK<sup>+</sup>98, SCC98]. **1994** [ERR97, RIBW99]. **1994/1995** [And00]. **1995** [BLB<sup>+</sup>99, CD99, CDA98, DCM<sup>+</sup>99, DMS<sup>+</sup>98, DOB<sup>+</sup>01, GGH98, HKM00, KRF01, LSU04, LCL<sup>+</sup>98, SW01, SMB02]. **1995/1996** [HSK<sup>+</sup>00, KNK15, NKK<sup>+</sup>00, PNH<sup>+</sup>00, TCG00]. **1995/96** [GCR<sup>+</sup>02, GGLP02, VGBGPA02]. **1996** [AE02, Bak98, CES98, CHU<sup>+</sup>00, FBL<sup>+</sup>98, FD98, HCWW01, JWS01, KLLO98, MBF<sup>+</sup>98, NPBS00, RS02, RSP<sup>+</sup>98, SIBW01, SGW<sup>+</sup>00, SB98, WPAP01, WvdE00, Yal01, ZSB01]. **1997** [CRD01, DDK<sup>+</sup>00, TBFP04]. **1997/1998** [GCB04, PF04a, PF04b]. **1997/98** [HVWH09, TBFP04]. **1998** [Ano98k, Ano98m, Ano98j, Ano98l, Ano98h, Ano98n, Ano98i, BCI02, DZY<sup>+</sup>01, DTP<sup>+</sup>05, MLG<sup>+</sup>02, TDKA05, WDG<sup>+</sup>02]. **1998/1999** [BW04]. **1999** [Ano99i, Ano99g, Ano99h, Ano99l, Ano99m, Ano99k, Ano99j, LBB<sup>+</sup>06, RWR<sup>+</sup>02, YTF02]. **1999/2000** [HKN<sup>+</sup>04].

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**3** [BPRS11, CPM<sup>+</sup>18, FdBGP11, SGP<sup>+</sup>11, VvdLS11]. **3-yr** [SHM<sup>+</sup>20]. **3.5**  
 [HB03]. **30-80°** [GR10, SLS<sup>+</sup>10, VKM<sup>+</sup>10]. **30-year** [BSR08]. **3000**  
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**39-year** [OAH<sup>+</sup>16]. **39°** [TCJ<sup>+</sup>11].

**4** [Kyt02b, Kyt02c, PPRL02]. **40-year** [BA02]. **40°** [MWB<sup>+</sup>09]. **40'**  
 [MWB<sup>+</sup>09]. **42** [Ano95b, Ano96f]. **43** [Ano96g, Ano97b]. **44** [Ano97c]. **44°**  
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 [LLM<sup>+</sup>03, MCS<sup>+</sup>03, PNLFS03, RVJG<sup>+</sup>05, SMGB03]. **49°** [LAJP13]. **4MS**  
 [FSP<sup>+</sup>16, COS<sup>+</sup>16, MPM<sup>+</sup>16].

**50** [EWA<sup>+</sup>03a, VSGM03a]. **50°** [BKD06, FUGG<sup>+</sup>09, MHA<sup>+</sup>01]. **50'**  
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**57°** [PDA<sup>+</sup>20]. **58.4.2** [KNV<sup>+</sup>10, NMR10]. **59°** [JWS01, ZSB01].

**6** [RSD<sup>+</sup>97, SDB<sup>+</sup>97]. **60°** [RWL<sup>+</sup>93]. **62°** [GCB04, KNK15]. **6500**  
 [KFS<sup>+</sup>17]. **65°** [Bol08]. **66°** [JPM99]. **67°** [KR95]. **6°**  
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**70°** [TCJ<sup>+</sup>11]. **71°** [Bol08]. **75°** [BKD06]. **76** [GAL<sup>+</sup>20]. **76°** [OA11]. **78°** [Bol08].

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

**94** [Can06]. **95** [LAF<sup>+</sup>02]. **95-year** [OWW<sup>+</sup>12]. **98** [TBFP04]. **99** [RAF<sup>+</sup>14a]. **9°** [MSNL09, MMG98, NLSL09, SFV<sup>+</sup>98].

**A.** [DVS<sup>+</sup>97, DDAH<sup>+</sup>14, DTP<sup>+</sup>05, TFR<sup>+</sup>10]. **A87** [LZS<sup>+</sup>18]. **abbreviated** [MK19]. **ability** [NCT13]. **aboard** [CP22, RSD<sup>+</sup>97]. **above** [Che02, PL24, SHM<sup>+</sup>07]. **abrupt** [WCJ<sup>+</sup>11]. **absence** [LBSB<sup>+</sup>17]. **absolute** [TSDG13]. **Absorption**

[FCG18, AHGCNM<sup>+</sup>04, ASF<sup>+</sup>12, DNA97, MTBB00, MNSMN<sup>+</sup>04, PA25]. **Abundance** [BRCFP23, DTWF17, DCM<sup>+</sup>99, DMC<sup>+</sup>01, DC06, GRWW01, GGDF08, GFS99, JGM09, LLS<sup>+</sup>19, MMY<sup>+</sup>20, MDTS11a, OT10, PGPI<sup>+</sup>13, SBB<sup>+</sup>11, SWSL14, SB05, VSS<sup>+</sup>93, YBC<sup>+</sup>17, APT11, AKK<sup>+</sup>14, ACG<sup>+</sup>17, AGD96, BDR16, BRM18, BEC<sup>+</sup>96, BLB<sup>+</sup>11, BFA<sup>+</sup>08, BDL<sup>+</sup>14, BPM18, BSSK<sup>+</sup>08, BPPJ15, BCB<sup>+</sup>18, BH97, BBB<sup>+</sup>07, BHJ<sup>+</sup>14, BCB07, BL06, BFS<sup>+</sup>17, BGMH01, BBB<sup>+</sup>01, CTW<sup>+</sup>15, CVF11, ILCCC07, CCK<sup>+</sup>16, CSF<sup>+</sup>12, CBS<sup>+</sup>01, CLH<sup>+</sup>00, CG04, CP02, CPEN08, CRBK03, CDJM04, CRI18, DMS<sup>+</sup>10, DEJ08, DSN<sup>+</sup>10, DGMS96, DB05, DVS<sup>+</sup>14, DPS<sup>+</sup>14, DC08, DSJ<sup>+</sup>11, EHK<sup>+</sup>20, FWZM12, FZW<sup>+</sup>13, GGF<sup>+</sup>08, GGAMV<sup>+</sup>23, GSM<sup>+</sup>08, GGC19, GVD<sup>+</sup>97, GCB04, GWP<sup>+</sup>98b, HCWW01, HZL<sup>+</sup>12, HS07, HRM<sup>+</sup>11, JVDH08, JKK<sup>+</sup>10, JSSW14, KBB07, KOM17, KG20, KRW03, KMM<sup>+</sup>08, KL03, KMOM19, KSM<sup>+</sup>11, KRLH14, LCD<sup>+</sup>24, LAMS<sup>+</sup>01, LPA<sup>+</sup>17, LAB<sup>+</sup>17, LPK<sup>+</sup>17, LWSA08, LWW<sup>+</sup>15, LDGH16]. **abundance** [LW10, MAST05, MC18b, MCH22, MO96, MLBB14, MBM<sup>+</sup>00, MQD06, MHG<sup>+</sup>17, NCR<sup>+</sup>08, NB10, NCSB<sup>+</sup>98, OM98, OMG<sup>+</sup>11, OB22a, PLD<sup>+</sup>17, PNH<sup>+</sup>00, PTD<sup>+</sup>14, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PLPS98, PHKW10, QNL<sup>+</sup>16, QLU09, RCW<sup>+</sup>15, RRS<sup>+</sup>98, RCM<sup>+</sup>17, RRK<sup>+</sup>20, RNB07, SMA<sup>+</sup>17, SRS<sup>+</sup>20, SVJRSON04, SVAGRCS04, SWL<sup>+</sup>18, SSMC10, SCD14, SBE<sup>+</sup>07, SBP13, SHM<sup>+</sup>20, SCB<sup>+</sup>16, SNFK20, SNW08, SBS<sup>+</sup>08, TB98, TDvdE<sup>+</sup>10, TRB98, TDKA05, VBM<sup>+</sup>19, VALM17, VHC<sup>+</sup>17, WH01a, WSE<sup>+</sup>16, WvdEM00, WLR<sup>+</sup>00, YSMW05, YSHS08, ZFP<sup>+</sup>16, ZSZ<sup>+</sup>19, ZHB<sup>+</sup>07]. **Abundances** [LKC96, BCKH07, BT03, DBR22, DLB02, DFMG01, JBS<sup>+</sup>98, Kyt02b, MBHN02, SA15b, WCSA<sup>+</sup>16, ZZZ<sup>+</sup>16]. **abundant** [DFJ18]. **abyss** [GMB18, KBK<sup>+</sup>18, KRHS20, TRB98]. **Abyssal** [BEM<sup>+</sup>15, DQSF02, FHK18, GMBL10, HLL<sup>+</sup>10, KBG<sup>+</sup>10, Kha18, LBM10, LJB18, MLP<sup>+</sup>10, MZH<sup>+</sup>10, MMD15, PLS<sup>+</sup>10, PDB<sup>+</sup>20, SRDV07, SWBKK10, VT01, AS01a, Ala15, BGS98, BBL<sup>+</sup>13, BS98, BB98, BGB08, BBR<sup>+</sup>10, BPPJ15, Blu01, BBR<sup>+</sup>18,

BCNS15, BCE18, BSCE15, BFB<sup>+</sup>18, CCBL14, CAK15, CMH<sup>+</sup>20, Dau18, DND04, DJ15, DBS98, DGB<sup>+</sup>98, DBBWH20, DBH<sup>+</sup>20, EGMB13, EMG<sup>+</sup>15, EBGCL08, FHR<sup>+</sup>11, FB15, FBBW<sup>+</sup>10, FSM93, Gol15, GC15, GRB<sup>+</sup>17, GARVK04, HSC<sup>+</sup>07, JT07, Jaž15, JSSW14, KPML20, Kam13, Kam15, Kam18, KWPB15, KME18, KGS23, KKVP15, LSST20, LNJ<sup>+</sup>00, LMS15, LdSN<sup>+</sup>18, LBB<sup>+</sup>07, LS18, MA15, Mar18, MMWM00, MCD<sup>+</sup>09, MMM<sup>+</sup>00, PWCL98, PGF<sup>+</sup>09, PDY20, PRSS23, RJT11, RLB18b, RKB18, RCCP13, RJP18, SS13a, San13, SA18, SW09, SA15b, SBB<sup>+</sup>11, SBE<sup>+</sup>07, SM15]. **abyssal** [SRAL<sup>+</sup>17, SHD<sup>+</sup>96, SBD<sup>+</sup>97, SBG<sup>+</sup>98, SD98, SHM<sup>+</sup>20, SHR20, SPB<sup>+</sup>10, SC15, TWG00, WP00, WCB98, WZB<sup>+</sup>14, ZV13]. **abyssalis** [SM15]. **AbyssBox** [SRS<sup>+</sup>15]. **Abyssorchomene** [DHST13]. **abyssorum** [AM15, DHST13]. **Acanthoscope** [MFB18]. **Acantholaimus** [LdSN<sup>+</sup>18]. **ACC** [VPS97, YLD09]. **accelerated** [RFF<sup>+</sup>02]. **acceleration** [GBC<sup>+</sup>13]. **accommodate** [HM14]. **according** [VSV<sup>+</sup>97]. **account** [BSCE15]. **accounts** [GMR<sup>+</sup>05, MK19]. **Accumulation** [CZP<sup>+</sup>08, CAFK03a, MHK<sup>+</sup>03, ZEGB97, ASH<sup>+</sup>11, BMD<sup>+</sup>17, BAD<sup>+</sup>97, BD94, DPLB94, DeM02, DTP<sup>+</sup>05, HTD00, HFM<sup>+</sup>02, IMP<sup>+</sup>02, bLHsL<sup>+</sup>13, MISC<sup>+</sup>02, MLG<sup>+</sup>04, OMY<sup>+</sup>03, OHT12, RV00, SBH<sup>+</sup>02, TDKA05, ZCP<sup>+</sup>08]. **accuracy** [AGHS04]. **acerata** [LPAR24]. **acid** [BTV<sup>+</sup>11, BBB<sup>+</sup>11b, CHM<sup>+</sup>17, CSW<sup>+</sup>17, FBCN00, GRSW00, KWPB15, KME18, KYKJ16, MSW<sup>+</sup>13, MAB<sup>+</sup>01, MKKF18, NCE<sup>+</sup>23, ÖCB<sup>+</sup>04, PPYN15, PGFP<sup>+</sup>08, RKM23a, RD25, RN96, TYBY06, VVTM97, VCSM09, WPFB11, WPSB11, WPB11]. **acidification** [BJF16, BSN<sup>+</sup>15, GGCM17, HWK<sup>+</sup>14, JFM<sup>+</sup>17, KGdC<sup>+</sup>18, PTM<sup>+</sup>16, PCH<sup>+</sup>22, RBJW16, TPW<sup>+</sup>16, TTL<sup>+</sup>16, VHM17]. **acids** [EPPR09, GGO<sup>+</sup>14, GK02, Har94, ILWH03, KCZ<sup>+</sup>19, Kha18, PRC<sup>+</sup>09, SNIT02, SJSI00, WWH<sup>+</sup>10]. **Acknowledgment** [Ano09c]. **acorn** [APT11, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b]. **Acoustic** [BCT21, BWWG98, BOH<sup>+</sup>04, FWC<sup>+</sup>12, GR10, JKK<sup>+</sup>10, KOO<sup>+</sup>24, KSB<sup>+</sup>03, MSM10, SCPP05, WH01a, ADBW16, ATLD<sup>+</sup>20, BH03, BdBJ<sup>+</sup>14, BSX<sup>+</sup>15, BWS<sup>+</sup>98, BMM<sup>+</sup>99, BTLC98, CDM<sup>+</sup>16, CLB13, DWG<sup>+</sup>15, DTWW17, DO19, DTWW21, DME<sup>+</sup>18, GWP<sup>+</sup>98b, GWP<sup>+</sup>98a, HVBO08, JOD98, KGE<sup>+</sup>04, LWSA08, LDHO<sup>+</sup>14, LCG03, MOT98, MS18, MWB95, OMG<sup>+</sup>11, RDW<sup>+</sup>12, SC10, SWC<sup>+</sup>02, SCGB18, TSSR20, TBPS22, UGSK<sup>+</sup>20, UW99, WGR<sup>+</sup>95, WWB04, WCS07]. **Acoustical** [WMS<sup>+</sup>96, Ano97b]. **Acoustically** [LWA<sup>+</sup>04, PMGH01, ASFI02]. **Acoustically-inferred** [LWA<sup>+</sup>04]. **acoustics** [GSPT13, MGJ<sup>+</sup>18, ŠH11b]. **acquire** [MCH<sup>+</sup>13]. **across** [ADGA01, BTR20, BN04, BBR<sup>+</sup>18, BSRB17, BG09a, BLW<sup>+</sup>09, CG21, CWS05, CL09, Cra97, CHSVB<sup>+</sup>19, DSB<sup>+</sup>18, DHM<sup>+</sup>22, DKGT04, EZB<sup>+</sup>20, EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, ECM<sup>+</sup>06, FWC<sup>+</sup>12, GPCT23, HWS<sup>+</sup>07, HLL<sup>+</sup>09, HWJ20, HLM<sup>+</sup>01, JM15, KBB07, KFHR05, KMK<sup>+</sup>20, KWW<sup>+</sup>12, KHL<sup>+</sup>17, LEP14, MBW<sup>+</sup>03, MY99, MAB<sup>+</sup>01, MWF<sup>+</sup>19, Mun14, Mun16, MKW11, OvdRvA<sup>+</sup>22, Pap05a, PJC19, PBO<sup>+</sup>11, PRMM<sup>+</sup>17, RGTv97, RJB<sup>+</sup>04, RGL<sup>+</sup>06a, SRHP23, SM00, SWK<sup>+</sup>23, SMS01, SLB18, SWC09, SHD<sup>+</sup>96,

SLH<sup>+</sup>00, SBA<sup>+</sup>20, SKKM20, SBS<sup>+</sup>08, TSP<sup>+</sup>18, THJ<sup>+</sup>05, TNT<sup>+</sup>15, VCSM09, WJ02, Wir94, WOU06, WSB<sup>+</sup>09, YSMW05, vdLCS<sup>+</sup>11]. **across-shelf** [RGL<sup>+</sup>06a]. **Actiniaria** [SS13a, AD08, RLGG07, SSK<sup>+</sup>23]. **Actiniidae** [MBD<sup>+</sup>17]. **Actinopoda** [PPC<sup>+</sup>07]. **actinopterygian** [DLB<sup>+</sup>11]. **Actionable** [RHD<sup>+</sup>18]. **Active** [AML01, MMM<sup>+</sup>13, ACBV<sup>+</sup>18, CPW<sup>+</sup>18, DDB<sup>+</sup>17, DNA97, FC15, GSPT13, GHD<sup>+</sup>18, HBCG14, HS93, HTT15, LVP13, LMKL09, LSA14, LCE<sup>+</sup>23, MWK<sup>+</sup>18, MZR<sup>+</sup>95, OSGS00, OCG<sup>+</sup>09, RVC<sup>+</sup>13b, RAL04, RCG18, RKM<sup>+</sup>23b, SSHB03, SSV02, SO98]. **active-passive** [HS93]. **activities** [Bec97, BGG<sup>+</sup>09, DCK01, JZ01, MORB<sup>+</sup>15, NKA<sup>+</sup>11, PSP<sup>+</sup>09, SLS<sup>+</sup>09, SLD<sup>+</sup>13, WBM96, ZDA<sup>+</sup>16]. **Activity** [NS93, BMRP02, BFL00, BSP00, BHSJ16, BVB<sup>+</sup>14b, BHS<sup>+</sup>10, BEJS93, CRJB08, CDJM04, DKT<sup>+</sup>01, DC08, DBDT03, DKGT04, ERR97, FC15, FD98, FMH<sup>+</sup>02, GQ09, GBVG<sup>+</sup>02, HMGD17, HMLS<sup>+</sup>06, Hol96, HD02, HLM<sup>+</sup>01, IAC<sup>+</sup>03, JBS<sup>+</sup>10, KN97, KSS00a, LWM<sup>+</sup>09, LWL<sup>+</sup>16, LRL<sup>+</sup>22, LNDH<sup>+</sup>17, MGS<sup>+</sup>10, MMSS14, MPTW11, OJK<sup>+</sup>10, PPR<sup>+</sup>20a, PJ99, RSR<sup>+</sup>19, SMGB02, SMGB03, SMB03, TB97, TGA<sup>+</sup>09, TOSH08, ULTL16, ZJA16, ZHB<sup>+</sup>07]. **acuminata** [VSGGPR14]. **acute** [TPW<sup>+</sup>16]. **acutorostrata** [LAP<sup>+</sup>17]. **acutus** [GIPL<sup>+</sup>14, HZL94, PTWM12]. **Adamussium** [SL06]. **Adaptation** [BLM<sup>+</sup>14, AH17, LCT<sup>+</sup>07b, PKZ93, RJP18, XZW<sup>+</sup>19]. **adaptations** [STB<sup>+</sup>17, SBM<sup>+</sup>13]. **Adapted** [VAMPR<sup>+</sup>17, BCN<sup>+</sup>17, PFW<sup>+</sup>09]. **adapting** [RHD<sup>+</sup>18]. **adaptive** [VPdP06]. **ADCP** [FK98, HVBO08, KFH01, SMPSG<sup>+</sup>04, YXC<sup>+</sup>19]. **added** [BMF<sup>+</sup>01]. **addition** [CWTJ03, FSK<sup>+</sup>05, Had11, HNK<sup>+</sup>12, KTP<sup>+</sup>05b, KTB<sup>+</sup>05, LAW<sup>+</sup>05, LSS<sup>+</sup>11, LB98b, PST<sup>+</sup>05, PZK<sup>+</sup>05, SVD97, WN01]. **additions** [BTV<sup>+</sup>11, Thi05]. **Adelaide** [LPAR24]. **adeliae** [CHPF10, NCR<sup>+</sup>08]. **Adélie** [WLR<sup>+</sup>00, CHU<sup>+</sup>00, BHB<sup>+</sup>07, CHPF10, EBG<sup>+</sup>11, ERPFF11, NCR<sup>+</sup>08, PCL22, WLR<sup>+</sup>00, WB03]. **Aden** [GOH<sup>+</sup>15]. **adjacent** [Ala15, Bea09, BPPJ15, BCE18, BMK09, CKFC18, CAK15, GC15, HSS<sup>+</sup>12, JT07, JLY<sup>+</sup>16, Kam15, KWPB15, KTF07, KKVP15, MN10, MA15, MA18a, MA18b, Mar18, MNR<sup>+</sup>11, NMC<sup>+</sup>07, NEN<sup>+</sup>07, OPV11, PWITH15, PW15, RLB<sup>+</sup>18a, SA18, SA15b, SKS<sup>+</sup>23, SNS<sup>+</sup>07, SC15, TAMTC<sup>+</sup>13, TLR<sup>+</sup>00, VVV04b, VD98, VT01, WKLM15, YNK07, YMMC11, ZBC<sup>+</sup>13]. **adjoining** [HHNK<sup>+</sup>04]. **adjoint** [BMRTL93, SOW01]. **adjustment** [DGR02, PN93, WGB01]. **Admiralty** [NKA<sup>+</sup>11, SJD<sup>+</sup>11]. **adopted** [dLWFB08]. **Adriatic** [AAG19, AGM<sup>+</sup>93, KMG<sup>+</sup>20, KLC<sup>+</sup>19, TŠŠ<sup>+</sup>19]. **Adult** [SGI<sup>+</sup>19, CRJ<sup>+</sup>08]. **Adult-mediated** [SGI<sup>+</sup>19]. **Advanced** [MV23, RFF<sup>+</sup>02, PMLM<sup>+</sup>02]. **Advances** [CHS17, HAE<sup>+</sup>15, JFC18, ELP13, MDS<sup>+</sup>16, Pal19, YHC<sup>+</sup>15]. **Advancing** [RBG18]. **Advection** [KCA05, MMHB98, SNFK20, AVS<sup>+</sup>20, BMT20, CAFK03b, CK10, HCG<sup>+</sup>01, SFG98, SHB14, TLW<sup>+</sup>94]. **advective** [DGS<sup>+</sup>05, HSR<sup>+</sup>23, WPLN96]. **Aegean** [DFA<sup>+</sup>20, PVK<sup>+</sup>20, STD<sup>+</sup>20, TGLN93, TKP<sup>+</sup>20, Uys06, VPA<sup>+</sup>20]. **aeglefinus** [BD06]. **aeolian** [VOK<sup>+</sup>24]. **aequalis** [FARLR<sup>+</sup>13]. **Aequorea**

[MCCM<sup>+</sup>98]. **Aerial** [BBL514, MRE<sup>+</sup>11, KI18, LPK<sup>+</sup>17, PLD<sup>+</sup>17]. **Aerobic** [MF09, TŠŠ<sup>+</sup>19, DW15b, SBG<sup>+</sup>98, WCB98]. **Aerosol** [LCW<sup>+</sup>07, BJB<sup>+</sup>06, MHA<sup>+</sup>15, PLL<sup>+</sup>06, bsBD<sup>+</sup>20]. **Aerosols** [TP99, HMA20, SML15, Ste04]. **AESOPS** [SA03, SAM<sup>+</sup>00]. **aff** [GW98]. **affect** [BBR<sup>+</sup>18, RLD<sup>+</sup>15, RCKCK07, TSB<sup>+</sup>14]. **affected** [And00, GGM<sup>+</sup>16, MMWM00, PFAZL09, RNR20, SBB<sup>+</sup>05, ZJA16]. **affecting** [AST<sup>+</sup>05, EGL<sup>+</sup>16, PSUH<sup>+</sup>16, SSG14]. **affinis** [BBB<sup>+</sup>01, HC13]. **affinities** [WAP<sup>+</sup>18, ZRC<sup>+</sup>11]. **Africa** [RLB03, AJP<sup>+</sup>22, Ber24, HSR<sup>+</sup>23, HRSJ23, LTF<sup>+</sup>19, LPPK14, NFD<sup>+</sup>02, RPB02, RLH<sup>+</sup>03, SLC<sup>+</sup>15, WB09, WC07a, YLBdR03]. **African** [BMGC09, SV09, JRG<sup>+</sup>22, KHGL<sup>+</sup>02, MCD<sup>+</sup>09]. **Africanacetatus** [IATK17]. **after** [BSJ13, Blu01, BJSH14, Bor01, EBS99, GBB<sup>+</sup>17, GSB<sup>+</sup>03, GBD<sup>+</sup>11, HML99, Joy16, JBÖ<sup>+</sup>16, LMH<sup>+</sup>18, PJ99, SEM16, SBE<sup>+</sup>99, SDLZ13, TBEW99, VKGP<sup>+</sup>11, YNG<sup>+</sup>16]. **again** [IDSM04]. **against** [PST<sup>+</sup>05]. **Age** [LZL<sup>+</sup>22, VFFM13, WZC<sup>+</sup>19, CBSS02, CCC<sup>+</sup>23, CP02, CRD<sup>+</sup>17, DMH19, EWF<sup>+</sup>18, FHAH16, FNS20, GEP<sup>+</sup>16, HJS<sup>+</sup>10, HSBT19, HSFN13, KM15, MMS<sup>+</sup>19, MO96, MZH16, SHM13, SHPM14, Vri13, WCS07]. **age-0** [CBSS02, CCC<sup>+</sup>23, DMH19, FHAH16, GEP<sup>+</sup>16, HSFN13, MMS<sup>+</sup>19, MZH16, SHM13, SHPM14, WCS07]. **age-1** [SHM13]. **age-class** [EWF<sup>+</sup>18]. **age-composition** [MO96]. **aged** [KFW01]. **agent** [BSSE16]. **agents** [KSDE16, TD16]. **ages** [DNG<sup>+</sup>12, KFTE14, PFDD16]. **agglutinated** [SSSN19]. **aggregate** [PLPS98, SBHS20]. **aggregated** [BS98]. **aggregates** [AZYT16, ESA<sup>+</sup>09, LPA<sup>+</sup>95, dJMTGG11, SCPC98, SBG<sup>+</sup>98, WCB98]. **aggregating** [LMLC<sup>+</sup>17, OLP<sup>+</sup>20]. **Aggregation** [AJ95, BS01, CCH95, PA95, ZD04, AHML95, AGPR95, BRG17, EB01, REWH11]. **aggregations** [BPR<sup>+</sup>10, LWSA08, LWAS08, MGGTM19, RBP<sup>+</sup>05, ZPG14]. **Agriculture** [BH19b]. **Agulhas** [AJP<sup>+</sup>22, BRL<sup>+</sup>03, DKdS<sup>+</sup>03, GNG<sup>+</sup>22, HSR<sup>+</sup>23, HRSJ23, HNCW23, JRJ<sup>+</sup>22, JKJ<sup>+</sup>22, LBR03, MRRG23, MPH<sup>+</sup>22, MLBT25, NGS<sup>+</sup>15, NPA<sup>+</sup>22, PMG<sup>+</sup>22, SBZ<sup>+</sup>03, TBBM03, WW23, vAvVV<sup>+</sup>03]. **aid** [BHS<sup>+</sup>17]. **Air** [ALWW04, DOBH02, JKB04, KOLA<sup>+</sup>18, Zül05, ÁRR02, AKBD13, CMB02, DLF<sup>+</sup>09b, FWG<sup>+</sup>97, FUGG<sup>+</sup>09, GLCP12, GCS<sup>+</sup>12, HLS<sup>+</sup>11, HTS<sup>+</sup>09, ITMG18, KRF01, KFJ<sup>+</sup>05, KIS02, LRFK99, MLS01, MLVM02, OSG<sup>+</sup>13, Pap05a, Sco05, SDCH99, SSC<sup>+</sup>23, TSS<sup>+</sup>02, TSW<sup>+</sup>09, YZZ<sup>+</sup>16, YZZ<sup>+</sup>19]. **air-sea** [SSC<sup>+</sup>23]. **Airborne** [HWS<sup>+</sup>98a, CMV<sup>+</sup>20, THV<sup>+</sup>99, YAS<sup>+</sup>93]. **Akademik** [CP22, Ste13]. **Akashiwo** [OM14]. **Akutan** [FBB<sup>+</sup>13]. **al** [BJF16, BMM<sup>+</sup>99, GAL<sup>+</sup>20, PTMH16, KMSM11, MV99, MHFM15, SBD05, VM01]. **ALACE** [CDDC03]. **alalunga** [WAN<sup>+</sup>15, ZKSS06]. **Alan** [Ano19]. **Alarcón** [TMC04]. **Alaska** [CM16a, DB16, MD17, ALHP18, ARWM13, AISR<sup>+</sup>16, ABC<sup>+</sup>05, BC05, BOHW22, Blo02, BCB<sup>+</sup>18, BZMC20, BMB<sup>+</sup>18, BT04, BWOR22, Cam18, CWS05, CM16b, CP05, CHH19, Cra05, CBPT05, CBA<sup>+</sup>05, DMFD19, DMFB19, DHM<sup>+</sup>22, DTWW17, DO19, DTWW21, DMH19, DBMI17, DHS<sup>+</sup>09, DM16b, DSC<sup>+</sup>19, FME<sup>+</sup>09, GS06a, GSC<sup>+</sup>19, GBS<sup>+</sup>22, GDAMS19, GKR<sup>+</sup>18, HMGD17, HHD<sup>+</sup>09, HLC<sup>+</sup>16, HCG<sup>+</sup>09,



HPH<sup>+</sup>16, HSC<sup>+</sup>19, HDJP05, HNB<sup>+</sup>13, JWO<sup>+</sup>09, JMSW05, KAI21, Kli09, KMOM19, LWO<sup>+</sup>09, LSC05, LCH<sup>+</sup>09, LC16, LCS16, LB18, LDGH16, LBD<sup>+</sup>22, LSWH07, MMS<sup>+</sup>19, MPC99, MHTZ19, MHPS19, MC18b, MCH22, MD14, MHSV18, MOA<sup>+</sup>18, MSK<sup>+</sup>19, MBC<sup>+</sup>09b, MZH16, OMS06, OMAA18, OBH<sup>+</sup>19, PHH<sup>+</sup>16, PWH05, PSZ<sup>+</sup>19, PDC<sup>+</sup>21, RHD<sup>+</sup>18, RDSA<sup>+</sup>21, Roy05, SCD14, SHB14, SDB<sup>+</sup>19, SMBL19, SCB<sup>+</sup>16, SRN02, SBC<sup>+</sup>16, SGM<sup>+</sup>14, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, SMB<sup>+</sup>18, SFB16, SFB19]. **Alaska** [SPP22, TBH09, TMW<sup>+</sup>05, VBM<sup>+</sup>19, WDR05, YSMW05, Zim19, ZDO19]. **Alaskan** [FTT<sup>+</sup>17, BRD<sup>+</sup>18, CBK<sup>+</sup>22, LPM<sup>+</sup>19, OCP18, PAUB19, RHD<sup>+</sup>18, RSC07, RNB07, SBK<sup>+</sup>16, VSM17, ZRG16]. **albacares** [BSN<sup>+</sup>15, DABMAMA04, DWM<sup>+</sup>15, LCW20, WLT20]. **albacore** [DKP<sup>+</sup>17, GDA<sup>+</sup>15, LSNH15, PPYN15, RSB<sup>+</sup>17, SA14, SLHS20, WAN<sup>+</sup>15, ZKSS06]. **albatross** [PWB<sup>+</sup>06, WSP19]. **albatrosses** [KRLH14, SSB<sup>+</sup>06]. **albatrus** [PWB<sup>+</sup>06]. **Alboran** [LGR<sup>+</sup>14, CV17, SABP<sup>+</sup>16]. **Aleutian** [BZMC20, NHCL14, PHH<sup>+</sup>16, RBO07]. **Alexandrium** [ASK<sup>+</sup>05, AKK<sup>+</sup>05, AKM<sup>+</sup>05, AKK<sup>+</sup>14, AJG<sup>+</sup>10, Ano05a, ABS<sup>+</sup>14, BFG<sup>+</sup>10, BKS<sup>+</sup>10, BFK<sup>+</sup>14, BAD<sup>+</sup>14, CTCD05, DPS<sup>+</sup>14, DTP<sup>+</sup>05, EPK<sup>+</sup>10, ESAG10, ER05, GTTKB14, GKQ<sup>+</sup>05, KCMA05, KCA05, KTP05a, LLK05, LTH05, MPH<sup>+</sup>05, MLH14, MTK05, MAST05, MALT05, MTK<sup>+</sup>14, MBC<sup>+</sup>14, PTD<sup>+</sup>14, PHK<sup>+</sup>14, PAM<sup>+</sup>14, PKA05, SKM14a, SMSA05, TFR<sup>+</sup>10, TBT05, TPT05, TMTR14, TB05, TDKA05, VCM<sup>+</sup>14]. **Alexandrium-imposed** [LTH05]. **algae** [BMS<sup>+</sup>18, BMR<sup>+</sup>14, EWBW99, Gra09, RPZ<sup>+</sup>14, Ste10]. **algae-degrading** [RPZ<sup>+</sup>14]. **Algal** [AHHCR23, CCBL14, RVS11, BBLS14, BSG<sup>+</sup>02, DB97a, FMS08, GSMB01, GLW<sup>+</sup>97, Gra09, PLGCL09, RBMY14, RCF<sup>+</sup>16, SM96a, SLT<sup>+</sup>14, SMLS02, TRWB99]. **Algerian** [IFFGL<sup>+</sup>04]. **algorithm** [PW15]. **Algorithms** [COJ<sup>+</sup>09, BMML06, CC15, GG95, KKD06, LMvDA16, PG18, RD97, WPAP01]. **Alicella** [JLL<sup>+</sup>13]. **Alicellidae** [JLL<sup>+</sup>13]. **Alien** [SAKP<sup>+</sup>22]. **Aliphatic** [MRP<sup>+</sup>17, HTPM14, ULH<sup>+</sup>21]. **alisae** [CP18a]. **alkalic** [SWB<sup>+</sup>18]. **alkaline** [KN97]. **Alkalinity** [HM06, Che02, CSL<sup>+</sup>07]. **Alkane** [HT17]. **alkenone** [SBR<sup>+</sup>97]. **Alle** [KH02]. **allocation** [Arm06, SHM13, SH16]. **ALOHA** [CBT01, AML01, BGS<sup>+</sup>08, CTGD08, Chi96, DK96, FSL<sup>+</sup>01, KCD<sup>+</sup>96, KBD<sup>+</sup>01, LAMS<sup>+</sup>01, LDWK96, PLT<sup>+</sup>13]. **Alone** [EGMB13]. **along** [ABC<sup>+</sup>04, AMN<sup>+</sup>02a, AAG02, ADE22, AHVB<sup>+</sup>17, BRG<sup>+</sup>19, BJB<sup>+</sup>06, BK96a, BHS<sup>+</sup>19, BFH<sup>+</sup>11, Ber24, BHSJ16, BFB<sup>+</sup>18, BL01b, BSS15, BBA<sup>+</sup>01, BBD<sup>+</sup>03, BCF<sup>+</sup>04, ÇYB<sup>+</sup>18, CFT<sup>+</sup>04, CGR<sup>+</sup>96, CWTJ03, CRMI18, CMB02, CG04, CAÖT04, DRH<sup>+</sup>09, DONF08, DJR<sup>+</sup>01, Duc08, Dud06, ERPFF11, ECS<sup>+</sup>17, FHR<sup>+</sup>11, FCW<sup>+</sup>15, FG97, GRWW01, GPÇ18, GLLC04, GARVK04, HHH<sup>+</sup>15, HBCG14, HZMH07, HFM<sup>+</sup>00, HSY08, ILWH03, JWO<sup>+</sup>09, JLL<sup>+</sup>15, JBS<sup>+</sup>10, JNBJ17, KNK15, KR95, KRB95, KT02, KDG<sup>+</sup>97, LHD<sup>+</sup>22, LWSA08, LWAS08, LOB<sup>+</sup>09, LSM<sup>+</sup>06a, LWSZ13, LBB95, LBE06, LKK<sup>+</sup>95, MS09, MY99, MPZ04, MGNB96, MKS<sup>+</sup>20, MCD<sup>+</sup>09, MLBB14, MRD13, MLG<sup>+</sup>04, NFD<sup>+</sup>02, NTH10, OBC<sup>+</sup>14, OB22a, OB22b, PHM06, PA25, PDA<sup>+</sup>20, PH96,

PFC19, PSK<sup>+</sup>00b, PHDK11, PGK14, RHL<sup>+</sup>22, RV00, RSB<sup>+</sup>15, RP05, RPZ<sup>+</sup>14, RDC<sup>+</sup>18a, RDC<sup>+</sup>18b, RYT01, SMCA01, SH99c, SLB18, SWL<sup>+</sup>18].  
**along** [SHB14, SZV<sup>+</sup>19, SGB<sup>+</sup>08, SKMDR02, SIFS10, SBK08, SBH<sup>+</sup>02, SSJ<sup>+</sup>22, SKSW02, SSR<sup>+</sup>14, SHY<sup>+</sup>08, SWGPK17, SLP<sup>+</sup>17, SB22, TŠŠ<sup>+</sup>19, TBSP<sup>+</sup>18, TMP<sup>+</sup>13, VKC09, VCDAL14, WLR<sup>+</sup>00, WNA<sup>+</sup>10, WS11, WZB<sup>+</sup>14, Yu03, ZSB01, dCHdOF<sup>+</sup>18, vHHH<sup>+</sup>11]. **along-shelf** [VCDAL14].  
**along-slope** [CRMI18]. **alongshelf** [SMS01]. **Alongshore** [HZN<sup>+</sup>16]. **alpha** [Car07]. **alpha/beta** [Car07]. **alteration** [TGG<sup>+</sup>09, WOM<sup>+</sup>16].  
**Alterations** [DPK<sup>+</sup>14, LLK<sup>+</sup>09]. **altered** [DAA<sup>+</sup>20]. **alternations** [OCT<sup>+</sup>19]. **Alternative** [MMTT<sup>+</sup>20, TCEW07]. **Altimeter** [SJ00, BB03, BSS<sup>+</sup>02, HFKY05, WEB93]. **Altimeter-derived** [SJ00].  
**altimetric** [Mit96]. **altimetry** [KFH01, LM13, MMXS02, SMS03, SMPSG<sup>+</sup>04, WH01b, XAY<sup>+</sup>11].  
**Aluminium** [VVTM97, MvSdBL11]. **aluminum** [CW97, KAI21, PCDM11].  
**alutus** [CM16a, CM16b, SCH<sup>+</sup>19b]. **ALVIN** [RSH10, NKB<sup>+</sup>18]. **Alvinella** [DCA<sup>+</sup>98]. **alvinellid** [PZL<sup>+</sup>09]. **Am** [LLL<sup>+</sup>03, MPS<sup>+</sup>03]. **Amazon** [HMSMK04]. **ambient** [NSvH<sup>+</sup>11, TGRB02, UW99]. **amendments** [JMN<sup>+</sup>15, MAT<sup>+</sup>12, RJM<sup>+</sup>15]. **America** [BMK05, PPM02, SW09].  
**American** [RSCFT<sup>+</sup>16, WLM23, DKP<sup>+</sup>14, FBS94, RSCFT<sup>+</sup>13].  
**americium** [LGP<sup>+</sup>03]. **Amino** [GK02, VCSM09, GGO<sup>+</sup>14, ILWH03, KCZ<sup>+</sup>19, PRC<sup>+</sup>09, SJSI00].  
**Ammodytes** [SLLT10]. **ammonia** [YLD09]. **ammonia-oxidizing** [YLD09].  
**ammonium** [BFT<sup>+</sup>97, BCDV02, CCK<sup>+</sup>16, GMT<sup>+</sup>09, GMLB99, HSS<sup>+</sup>18, MF09, MSRM08, RWJ06, SFW08, SGD14b, WR01]. **ammonium-oxidizing** [HSS<sup>+</sup>18]. **amo** [YLD09]. **AMOC** [CH11, MZD<sup>+</sup>11]. **among** [BSR<sup>+</sup>18, BRBD17, Bro19, CDM23, DFD<sup>+</sup>11, DSC<sup>+</sup>19, IGN<sup>+</sup>10, KCM<sup>+</sup>14, KCL20, MBDB<sup>+</sup>24, NLSL09, OCP18, PKHH17, SW09, SVJ<sup>+</sup>08, WCS07].  
**amongst** [CAGL13]. **Ampelisca** [SR08b]. **ampeliscid** [SW08]. **Amperima** [BBR<sup>+</sup>10]. **Ampharetidae** [KEA<sup>+</sup>17, QRE<sup>+</sup>17]. **Amphimelissa** [MA05].  
**Amphipod** [CBK<sup>+</sup>07, BVL04, DHST13, JLL<sup>+</sup>13, Jaž15, LMLJ18, MMS25].  
**Amphipoda** [HNS<sup>+</sup>11, BV04, DHST13, KGS23, LJB18, SR08b, WT12].  
**amphipods** [AGD96, DEJ08, DYEJ08, HP08, HTD13, KBF<sup>+</sup>08, RJP18, SW08].  
**amplification** [GPC14]. **Amplified** [MN10]. **amplitude** [LH06]. **AMSR** [MS12, OCKA<sup>+</sup>11]. **AMSR-E** [MS12, OCKA<sup>+</sup>11]. **AMT** [BMML06, RPH<sup>+</sup>06, CMB09]. **Amundsen** [AMvD<sup>+</sup>12, ALvD12, BLB<sup>+</sup>11, CKJ<sup>+</sup>16, CCK<sup>+</sup>16, GAL<sup>+</sup>12, GAL<sup>+</sup>20, HKY<sup>+</sup>16, JLY<sup>+</sup>16, KAW<sup>+</sup>16, KCY<sup>+</sup>16, KLJ<sup>+</sup>16, KHL<sup>+</sup>16, KYKJ16, LLK<sup>+</sup>16, LPJ<sup>+</sup>16, MDS<sup>+</sup>16, MAT<sup>+</sup>12, SKK<sup>+</sup>16, TAL<sup>+</sup>12, TLP<sup>+</sup>12, YJL16].  
**anaerobic** [CCK<sup>+</sup>16, GMT<sup>+</sup>09, HSS<sup>+</sup>18, HFL<sup>+</sup>15, TCG<sup>+</sup>18, WJS<sup>+</sup>10].  
**analog** [AWL<sup>+</sup>09]. **analogues** [MR15]. **Analyses** [PPR<sup>+</sup>20b, BS05, BS06, DCC<sup>+</sup>13, GBP00, GKB<sup>+</sup>18, HSHM02, KOS<sup>+</sup>16, KHT<sup>+</sup>20, MC18a, MKKF18, OTNT05, OSCI00, PGFP<sup>+</sup>08, PSK00a, PCP<sup>+</sup>17, RKM23a, WMH<sup>+</sup>07, WPFB11, WPSB11]. **Analysis**

[BES11, DCL<sup>+</sup>21, FGH<sup>+</sup>13a, HA03, KCTG16, MPM<sup>+</sup>16, SMPSG<sup>+</sup>04, BBS<sup>+</sup>20, BGB08, BK96b, BOJ<sup>+</sup>10, CSZ<sup>+</sup>25, CP22, CCM<sup>+</sup>20, COJ<sup>+</sup>09, CHV<sup>+</sup>15, CTW<sup>+</sup>20, CFL<sup>+</sup>16, DF16, Dan95, DRD06, DIM<sup>+</sup>12, DABMAMA04, DBD03, DKC<sup>+</sup>17, DBMI17, DBC<sup>+</sup>02, ETP<sup>+</sup>16, ESK06, FGH<sup>+</sup>13b, GGC19, HGB<sup>+</sup>13, HiI<sup>+</sup>19, HiI<sup>+</sup>20, HRS<sup>+</sup>23, HSR<sup>+</sup>22, HZ19, IS07, JSBC15, JBOH10, KY17, KTSI07, KGW96, KS10, KW00, LDHO<sup>+</sup>14, LM13, LH15, LL13, LPL<sup>+</sup>20, MN10, MMY<sup>+</sup>20, MDI<sup>+</sup>12, MB03, MSJS08, MMT08, NHS<sup>+</sup>13, OAH<sup>+</sup>16, PSK<sup>+</sup>14, PPS<sup>+</sup>16, Pör06, RH14, RWT<sup>+</sup>20, RJDR06, RI05, RVZ02, SSWM18, SE24, SGP<sup>+</sup>11, SSB<sup>+</sup>06, TSW<sup>+</sup>12, VSR<sup>+</sup>00, WZC<sup>+</sup>19, WSB13, WDMEL01, WHLR13, WvdE00, WvdEP<sup>+</sup>10, WLT20, XZW<sup>+</sup>19, YFL<sup>+</sup>23, YQMB20, YBHM05]. **Analytical** [ÇYFB<sup>+</sup>06, OGC09, WLD<sup>+</sup>07]. **analyzed** [IFFGL<sup>+</sup>04, LB98a]. **Analyzing** [KLM13]. **Anammox** [GMT<sup>+</sup>09, BRM18, HSS<sup>+</sup>18]. **Anatolian** [ÇYB<sup>+</sup>18, GPÇ18]. **Anatomy** [ABG<sup>+</sup>20, MFFM03, VPS97]. **anchovy** [CDG00, DFY<sup>+</sup>23, EEAA<sup>+</sup>19, LTL<sup>+</sup>23, MGGTM19, NSBL94, WWH<sup>+</sup>10, DBC<sup>+</sup>19]. **Ancient** [PPM02]. **Andaman** [JMW<sup>+</sup>20, NG10, PS23, VV23]. **ANDEEP** [BDG<sup>+</sup>04, BBB<sup>+</sup>07, BEG07, GJ11, VK04]. **ANDEEP-material** [GJ11]. **anemone** [MBD<sup>+</sup>17, PB13, SS13a]. **Anemones** [AD08, RLGG07]. **Angel** [MLB<sup>+</sup>10]. **angelikae** [Ste13]. **anglerfish** [LAÁ<sup>+</sup>14]. **Angola** [BMD<sup>+</sup>17, DZL<sup>+</sup>17, JBD<sup>+</sup>09, LOB<sup>+</sup>09, OCG<sup>+</sup>09, SBDB09, vCO09]. **Anguilla** [HK19, KT06]. **animal** [ELP13, Fed13, HBM<sup>+</sup>07, TT17, WLD<sup>+</sup>07]. **animal-attached** [HBM<sup>+</sup>07]. **animals** [BCE18, KPML20, KG20, MN10]. **Annelid** [NRSL17, QNL<sup>+</sup>16, VHM17]. **Annelida** [Ala18, AP22, ALSF<sup>+</sup>17, GLMB18, KMA<sup>+</sup>18, KEA<sup>+</sup>17, RRT<sup>+</sup>17, SE07, SSAL<sup>+</sup>17, SRAL<sup>+</sup>17]. **annelidicolous** [CBMM15]. **annelids** [OBKA17]. **annotated** [PDB<sup>+</sup>20]. **Annual** [AvD04, ALvD12, BMH05, BSS<sup>+</sup>02, CSS<sup>+</sup>22a, HM93, HdBB<sup>+</sup>02, LGHD20, LN01, PIP<sup>+</sup>02, PDS00, SFW08, WMC06, AVA23, ASFI02, BCM02, BT04, BD06, CTW<sup>+</sup>15, Chi96, DGA<sup>+</sup>11, FMS08, HLL<sup>+</sup>10, HHH<sup>+</sup>14, HZT<sup>+</sup>06, HXC<sup>+</sup>22, KPPL00, KMDW01, MSGO18, PVRA07, PLHMA06, RMBG11, SMLP04, SNS<sup>+</sup>16, SMS03, WGST08]. **Annular** [MMH<sup>+</sup>08]. **anomalies** [DVS<sup>+</sup>97, GOH<sup>+</sup>15, GOGCDB18, KD13, KLM13, MPZ04, SMH<sup>+</sup>11]. **Anomalous** [AFB<sup>+</sup>94, PLHMA06]. **anomaly** [DGR19, GPMZ<sup>+</sup>10, RdGM<sup>+</sup>09, TGFE02, WTW07]. **Anomura** [CRT<sup>+</sup>00]. **Anoplopoma** [CM16a, CM16b, RDSA<sup>+</sup>21]. **anoxic** [HM06, KMLT06, TBSP<sup>+</sup>18]. **Anoxygenic** [TŠŠ<sup>+</sup>19]. **ANT** [BPRS11, FdBGP11, GJ11, Kyt02b, Kyt02c, RSD<sup>+</sup>97, SDB<sup>+</sup>97, SBvdL<sup>+</sup>02, SGP<sup>+</sup>11]. **ANT-XXIII** [BPRS11, FdBGP11, SGP<sup>+</sup>11]. **ANT-XXIII/3** [BPRS11, FdBGP11, SGP<sup>+</sup>11]. **ANT-XXIV** [FdBGP11]. **ANT-XXIV/3** [FdBGP11]. **Antarctic** [ARW<sup>+</sup>04, ADG<sup>+</sup>08, BLBW<sup>+</sup>11, BSR<sup>+</sup>18, BLO<sup>+</sup>17, BMG<sup>+</sup>17, BCF<sup>+</sup>04, CAMA<sup>+</sup>02, CR06, Can06, CHM<sup>+</sup>17, CA06b, DKS11, DT08, DZ08, DFK<sup>+</sup>06, ERPFF11, EWA<sup>+</sup>03a, ECD<sup>+</sup>17, ECS<sup>+</sup>17, FJF<sup>+</sup>11, GSM<sup>+</sup>08, HBT<sup>+</sup>08, HBO11, ITMG18, JFM<sup>+</sup>17, KNK15, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, KMMS18,

LWSA08, LWAS08, LBM<sup>+</sup>17, LAGK<sup>+</sup>18, LPAR24, MDTS11a, MSI<sup>+</sup>08, MBW<sup>+</sup>08, MSJS08, MMC11b, MdSLH13, NKA<sup>+</sup>11, PDT11a, PHS<sup>+</sup>17b, RVZ02, ŠHW<sup>+</sup>04, ŠH11b, SBS<sup>+</sup>08, TCM<sup>+</sup>04, VFS02, VNBW18, WAL<sup>+</sup>11, dCHdOF<sup>+</sup>18, BDG<sup>+</sup>04, ARLB00, ARNB01, ADBW16, AS02a, AF01, AGW<sup>+</sup>13, AE02, AAMF<sup>+</sup>02, ACSG15, AHV<sup>+</sup>17, Ano06b, ASMM11, ASH<sup>+</sup>11, AHB<sup>+</sup>17, ASF<sup>+</sup>12, BCE<sup>+</sup>07, Bai09, BDE07, BFF<sup>+</sup>07, BLO04, BSS20, BVL04, BV04, Ber07, BCVCHW04, BRW00, BSZ99, Bol08, BSR<sup>+</sup>18, BSCR11, BKPA06, BKCIV10, BBB13, CEG<sup>+</sup>11, CVF11, CHPF10, CMG<sup>+</sup>11, CSW<sup>+</sup>17, CSP05, CMNM16, CWTJ03, CBC02, CKH<sup>+</sup>08, CWD<sup>+</sup>10].

**Antarctic** [DSB<sup>+</sup>18, DURP03, Dal04, DNM<sup>+</sup>16, DVS<sup>+</sup>97, DND04, DDS11, DO01, DK04, DPS<sup>+</sup>11, DKGT04, DLB02, Duc08, DEK<sup>+</sup>08, ETDB11, ECD06, EWA<sup>+</sup>03b, FCG18, Fig02, FG97, FWM<sup>+</sup>11, FMWD07, Gag04, GTSC08, GHM18, GMS<sup>+</sup>02, GSK02, GP08, GAP<sup>+</sup>06, GD07, GJ11, GWD07, GS06b, GDC11, GBVG<sup>+</sup>02, Gut06, GBD<sup>+</sup>11, HNS<sup>+</sup>11, HTA<sup>+</sup>17, HWN<sup>+</sup>04, HKN<sup>+</sup>04, HCWH00, HH03, HWCT08, HWCT11, HKO<sup>+</sup>17, HHP04, HRM<sup>+</sup>11, HPM02, JKK<sup>+</sup>10, JSM<sup>+</sup>16, JBS<sup>+</sup>13, JCM<sup>+</sup>13, JHS<sup>+</sup>17, JSSW14, JH04, JVL<sup>+</sup>16, KGB<sup>+</sup>11, KNK15, KRS<sup>+</sup>11, KKM<sup>+</sup>10, KMB11, Kla97, KHB<sup>+</sup>04, KSM<sup>+</sup>11, KBF<sup>+</sup>08, LCVV06, LSB<sup>+</sup>02, LBR<sup>+</sup>11, LCvdM<sup>+</sup>16, Lar04, LL01, LSS<sup>+</sup>11, LWA<sup>+</sup>04, LT16, LB93, LCG03, LWC05, Lin04, LGBC06, LBE06, LZL<sup>+</sup>22, LRM<sup>+</sup>02, LPAR24, LDD<sup>+</sup>97, MAH<sup>+</sup>12, Mal04, MB07b, MDH08, MDTS11b, Mar19, MGJ<sup>+</sup>18, MOT98, MKB<sup>+</sup>10, MNG<sup>+</sup>11, MTK<sup>+</sup>18, MTD<sup>+</sup>18].

**Antarctic** [MAB<sup>+</sup>01, MSV<sup>+</sup>17, MSvL17, MBOvL08, MHVM<sup>+</sup>08, MBT97, MGC<sup>+</sup>01, MS11, MPTW11, NKK<sup>+</sup>00, NTS<sup>+</sup>11, NRBO<sup>+</sup>05, OMG<sup>+</sup>11, OPDM11, OA11, OSHB07, OCKA<sup>+</sup>11, PHOM09, PH17, PG97, PNH<sup>+</sup>00, PBG07, PDT<sup>+</sup>11b, PB13, PAVGBG02, PHS<sup>+</sup>11b, PG18, PHD<sup>+</sup>11, PHDK11, Pör06, PRMM<sup>+</sup>17, PDTS08, RTB02, RDW<sup>+</sup>22, RPMS95, RAF<sup>+</sup>11, RHPC<sup>+</sup>19, RVS11, RLG07, RQNO04, RQM<sup>+</sup>08, RPZ<sup>+</sup>14, RFB97, SWR<sup>+</sup>95, SM00, SGGW11, SSWM18, SvDMC<sup>+</sup>16, SL06, SH11a, SAVP12, SBB<sup>+</sup>11, SBE<sup>+</sup>07, SLA<sup>+</sup>01, SBM<sup>+</sup>18, SRB<sup>+</sup>11, SK07, SPEPS18, SDB<sup>+</sup>97, SKMDR02, SK02, SMD06, SMS<sup>+</sup>08, SMD08, SMSI08, SMH<sup>+</sup>11, SHW<sup>+</sup>16, SSG<sup>+</sup>11, SGB<sup>+</sup>02, SGP<sup>+</sup>02, SBvdL<sup>+</sup>02, SWGPK17, SLP<sup>+</sup>17, SP06, SKH10b, TGU<sup>+</sup>06, THT11, TNBL95, UWvdE<sup>+</sup>16, URDP01, VMBS03, VBM97, VGBGPA02, VK04, VKGP<sup>+</sup>11, VMB17, VPdP06, VMI<sup>+</sup>08, VPSL15, WMB<sup>+</sup>08, WTS08, WSE<sup>+</sup>16, WBCB06, WGMW10].

**Antarctica** [WGWW11, WGST08, WNA<sup>+</sup>10, WS11, WRBS10, WMA11, WvdE00, WBA03, WPFB11, WZB<sup>+</sup>14, YKY<sup>+</sup>07, You99, dSEDW11, vFvdBB<sup>+</sup>02, vWMR<sup>+</sup>17, vdLBB<sup>+</sup>02, vdLCS<sup>+</sup>11, vGFGS02].

**Antarctica** [CR06, Can06, CDT11, DBDT03, HVBO08, IMP<sup>+</sup>02, MISC<sup>+</sup>02, PIP<sup>+</sup>02, RJGBF02, VSGM03a, AvD04, ALvD12, BS03, BFC<sup>+</sup>06, BS01, BLB<sup>+</sup>11, BN04, BCDV02, BAKF03, CHPS00, CDL<sup>+</sup>00, CCZ<sup>+</sup>21, CHU<sup>+</sup>00, CKJ<sup>+</sup>16, CCK<sup>+</sup>16, CA06b, CMW<sup>+</sup>08, CB01, CMK<sup>+</sup>18, Cri95, CKL03, DBD03, Dia04, DÁSCP02, DDK<sup>+</sup>00, DCC<sup>+</sup>01, EBG<sup>+</sup>11, FMS08, GZGH22, GRS00, GR10, GUSB03, GCJ<sup>+</sup>00, HCL<sup>+</sup>22, HDR<sup>+</sup>11, HB03, HBBD03, HMAW11, HSR<sup>+</sup>16, HSK<sup>+</sup>00, HSD04, HWS<sup>+</sup>07, HWTN22, HZL94, HKY<sup>+</sup>16, JKB04, JR11,

JKK<sup>+</sup>10, JCP<sup>+</sup>22, JLY<sup>+</sup>16, JFK<sup>+</sup>10, KFG<sup>+</sup>03, KRW03, KGB<sup>+</sup>14, KCY<sup>+</sup>16, KLJ<sup>+</sup>16, KHL<sup>+</sup>16, KL03, KMD<sup>+</sup>01, LRR<sup>+</sup>04, LPJ<sup>+</sup>16, LXWC21, LCDS00, LT03, MMTT<sup>+</sup>20, MBS<sup>+</sup>13, MGH<sup>+</sup>16, MLH<sup>+</sup>22, NPBS00, NKK<sup>+</sup>00, NVK<sup>+</sup>04, NCR<sup>+</sup>08, OVKN11, PNH<sup>+</sup>00, PDT<sup>+</sup>10, PEC<sup>+</sup>04, PBO<sup>+</sup>11, PDBH03, RJT11, RCF<sup>+</sup>08, RCF<sup>+</sup>16, RBS<sup>+</sup>17b, RHZ<sup>+</sup>03, SCM<sup>+</sup>02, SRS<sup>+</sup>20, SMV<sup>+</sup>03, SFW08, SLS<sup>+</sup>10, SHWW22, SRF95, SMHB00]. **Antarctica** [SDKH03, SBKS03, SBG<sup>+</sup>03, SGW<sup>+</sup>00, SGD<sup>+</sup>03, SHC<sup>+</sup>00, SSH<sup>+</sup>00, TCG00, TWD<sup>+</sup>08, TLP<sup>+</sup>12, TMT<sup>+</sup>11, TML<sup>+</sup>16, TKF16, VSGM03b, VMF<sup>+</sup>16, WvdEM00, WT12, WLA11, WLR<sup>+</sup>00, WNRM08, WMP<sup>+</sup>11, WSL<sup>+</sup>11, YJL16, ZGGF22, bsBD<sup>+</sup>20, vdMLB<sup>+</sup>11, BTFB12, BTC13, CWEHT22, LPAR24, SDMC03, VVM<sup>+</sup>12, ZDW<sup>+</sup>20]. **antarcticum** [OMG<sup>+</sup>11]. **antarcticus** [LZL<sup>+</sup>22, NCL13, PB13]. **ANTARES** [DRBM97, Gai97, PPRL02]. **Antares-4** [PPRL02]. **ANTARES-I** [DRBM97, Gai97]. **Antartica** [GSK96]. **Anthozoa** [SS13a, Dau18, MBD<sup>+</sup>17, RLGG07, dMGPT<sup>+</sup>14]. **Anthropogenic** [AAW<sup>+</sup>16, DCC<sup>+</sup>17, MDTG13, PDG<sup>+</sup>03, SZB<sup>+</sup>19, Wal94a, Aar03, AAG06, Ano96f, AAL<sup>+</sup>17, BCWT00, BFM<sup>+</sup>14, CHL<sup>+</sup>95, FPB<sup>+</sup>14, IPTH03, MHK<sup>+</sup>03, OGJ<sup>+</sup>19, PWF03, RPF01, ZMYS13, KGdC<sup>+</sup>18]. **anticipated** [ML20]. **anticyclonic** [EMW<sup>+</sup>08, IFFGL<sup>+</sup>04, LML<sup>+</sup>01, MRL01, MML06, PWH05, RSC07, WR01]. **Antifreeze** [CDT11]. **Antimony** [CCFL01, RZS<sup>+</sup>16]. **antioxidant** [TTDR13]. **Antipatharia** [ROS<sup>+</sup>17, YBRT17, dMGPT<sup>+</sup>14]. **Antipathella** [ROS<sup>+</sup>17, dMGPT<sup>+</sup>14]. **ANTXXIV** [VvdLS11]. **ANTXXIV-3** [VvdLS11]. **any** [PHH<sup>+</sup>16]. **AOAC** [DRR<sup>+</sup>14]. **AOL** [YAS<sup>+</sup>93]. **AOSN** [FH09, RDL<sup>+</sup>09, DJCF09]. **AOSN-II** [FH09, RDL<sup>+</sup>09, DJCF09]. **aperture** [JLAD95]. **aphyonid** [MGN<sup>+</sup>18]. **aplacophoran** [SI09]. **Aplustridae** [CC13]. **apparent** [BHS<sup>+</sup>10]. **appendicularians** [ADS<sup>+</sup>02]. **appendix** [Ano96d, CDB94]. **applicability** [SJL05]. **applicable** [Ano17f, Ano17g, Ano17h]. **Application** [CAJE15, GGP<sup>+</sup>14, KBE<sup>+</sup>04, YKN07, AS02a, DLR<sup>+</sup>01, DRR<sup>+</sup>14, FSG02, FCP99, KS10, PDC<sup>+</sup>21, RSC<sup>+</sup>09, SAM96, XSL<sup>+</sup>17, ZRG16]. **Applications** [DGN96, GBS<sup>+</sup>22, PAR<sup>+</sup>08, BL06, HLHW24, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, SS05b]. **applied** [FNYK02]. **apply** [PTO<sup>+</sup>16]. **Applying** [HCJ<sup>+</sup>22, SOW01]. **appraisal** [Sha01]. **Appreciation** [Ano12, Ano13a, Ano13b, Ano16, SYR<sup>+</sup>11]. **approach** [AST07, ATLD<sup>+</sup>20, AGN<sup>+</sup>02, BdBJ<sup>+</sup>14, BDL<sup>+</sup>14, BCH<sup>+</sup>19, DWW<sup>+</sup>02, EHB19, FSP<sup>+</sup>16, GMB13, HFM<sup>+</sup>02, HGK<sup>+</sup>18, HAM<sup>+</sup>15, HD14, KYS94, KYW20, KRAS24, LDHO<sup>+</sup>14, LVP13, LS17, MYN<sup>+</sup>96, PCDM11, PWL07, PK03, PCB<sup>+</sup>17, QED<sup>+</sup>14, RN06, STB<sup>+</sup>17, SRAs<sup>+</sup>24, SBL<sup>+</sup>18, SZB<sup>+</sup>19, SSB<sup>+</sup>06, SSB<sup>+</sup>07, TTLP06, TVL<sup>+</sup>00, TBSP<sup>+</sup>18, TTL<sup>+</sup>16, ZMYS13]. **Approaches** [SDGH14, ETP<sup>+</sup>16, NB10, DHS<sup>+</sup>14]. **approch** [CTH<sup>+</sup>98]. **approximation** [SJL05]. **April** [Ano98m, BSMV03, DTP<sup>+</sup>05, IF95, TDKA05, Ano00m, Ano22a, Ano23a, Ano24a, Ano25a, BCI02, CRD01, MLG<sup>+</sup>02, VPK<sup>+</sup>19]. **Apulia** [BFT10].

**Apulian** [Di 10, MTR<sup>+</sup>10, SC10]. **Aqaba** [BKP<sup>+</sup>19]. **Aqua** [CWP<sup>+</sup>15]. **aquaculture** [OSM<sup>+</sup>20]. **aquaria** [LPdR<sup>+</sup>14]. **aquarium** [KKM<sup>+</sup>10]. **aqueous** [PFAZL09, SLS<sup>+</sup>09]. **Aquitanian** [ERB<sup>+</sup>99, dMCNC99]. **ARABESQUE** [Bur99]. **Arabian** [BG09a, CL09, GBSL98, GNHS05, HLL<sup>+</sup>09, JJVH18, KFH01, KRG<sup>+</sup>01, LG00, LG09, LMB<sup>+</sup>98, LGML00, Men23, MCG<sup>+</sup>98, PPZ93, PSAY20, RMM05, SMBM99, SW00, WJD<sup>+</sup>00a, ZB00, AYN19, AYMSAS19, ASFI02, BN05, BDF00, BRM18, BRJM18, BE00, BEGC04, BMB<sup>+</sup>01, BMC99, BL99, BCBF03, BH19a, BDM<sup>+</sup>03, BFL00, BSP00, BL00, BSS<sup>+</sup>00, BSS<sup>+</sup>02, BDR<sup>+</sup>03, BLW<sup>+</sup>09, BLB<sup>+</sup>99, BLC<sup>+</sup>02, BBA<sup>+</sup>98, BGH<sup>+</sup>19, BBB<sup>+</sup>01, CLC<sup>+</sup>98, CD99, CWB02, CB00a, CM00, CDA98, CLH<sup>+</sup>00, CML<sup>+</sup>09, DC00, DCM<sup>+</sup>99, DMS<sup>+</sup>98, DOB<sup>+</sup>01, DG18, DSC<sup>+</sup>01, EBS99, EOB03, FLTV97, FL02, FWR<sup>+</sup>02, FK98, FHW06, GGRW99, GGH98, GGH<sup>+</sup>00, GMR<sup>+</sup>05, GMLB99, GBLS00, GBBS00, GW98, GRSW00, GGRW98, HP98, HML99, HLS<sup>+</sup>02, HDPI99, HKMS03, HXC<sup>+</sup>22, JTW00, JPZ93, JLB<sup>+</sup>99, KMD<sup>+</sup>99, KMDW01, KBSS93, KSS00a, KW00, KN05, KSS<sup>+</sup>00b, LRGH<sup>+</sup>05, LBC<sup>+</sup>98]. **Arabian** [LB98a, LLB<sup>+</sup>00, LMB<sup>+</sup>98, LJBF00, LL00, LCL<sup>+</sup>98, LWGS00, LOFC00, MGHN01, MDH<sup>+</sup>98, MTBB00, MPS<sup>+</sup>21, MGN99, MMWM00, MV99, MDO<sup>+</sup>98, MBM<sup>+</sup>00, ML20, MCS<sup>+</sup>99, MFM<sup>+</sup>18, MPS<sup>+</sup>03, MMM<sup>+</sup>00, MBG09, NISG05, NS93, OHFW93, PLdL97, PL00, PSK00a, PMGH01, PTA<sup>+</sup>99, PJ99, PS05, PDS00, PVT<sup>+</sup>21, RSR05, RJDR06, RSF<sup>+</sup>99, RHI00, RI05, RIBW99, RSW<sup>+</sup>00, RNP93, RBB<sup>+</sup>97, Sam01, SSI<sup>+</sup>99, SBS<sup>+</sup>00, SBD05, SWC09, SOS01, SE24, SW01, SRP<sup>+</sup>98, SLH<sup>+</sup>00, Smi01, SSR96, SP00, SBE<sup>+</sup>99, SZS<sup>+</sup>07, SBS<sup>+</sup>02, SJSI00, TBEW99, TLF97, Tho24, TP99, TLR<sup>+</sup>00, TWG00, VJF23, WPHL02, WBJ<sup>+</sup>98, WFR<sup>+</sup>02, WJD<sup>+</sup>00b, WMM02, WDMEL01, WGG98, WP00, Wit00, WLL00, WLC99, WRS99, Zon97, dSG09a]. **Arabian/Persian** [PSAY20]. **aragonite** [MCM<sup>+</sup>14]. **Arc** [Lin04, TTD13]. **Archaea** [TGA<sup>+</sup>09, WLM23, MTDK98]. **archaeal** [BRJM18, LTG<sup>+</sup>09, NKA<sup>+</sup>11, QLU09, SPEPS18, XGL15]. **archaeobacterial** [GD07]. **archaeological** [BOC18, DCS<sup>+</sup>18]. **archaic** [GAP<sup>+</sup>06, BSCR11]. **Archipelago** [CSS<sup>+</sup>10, ES04, NCT13, CHH<sup>+</sup>22, FPGH02, MDG13, RVC<sup>+</sup>13b, ATI<sup>+</sup>23, BNM<sup>+</sup>07, DAN23, GBL<sup>+</sup>08, TRM<sup>+</sup>07, VFFM13]. **archipelagos** [CSM13b]. **Archipiélago** [SCC98]. **archival** [CFK15, TCEW07]. **archived** [LSL<sup>+</sup>15]. **Arctic** [Ano05b, CGG<sup>+</sup>12, GCS<sup>+</sup>12, GH05, GHS09, HD07, LJL<sup>+</sup>12, LGK15, MORB<sup>+</sup>15, MBL<sup>+</sup>15, MWFS17, ORFA<sup>+</sup>14, PSA14, RGS<sup>+</sup>97, SSF97, SSH09, YKJ<sup>+</sup>15, Arr15, Arr16, ATN<sup>+</sup>12, BFL<sup>+</sup>20, BKP<sup>+</sup>20, BDL<sup>+</sup>22, BFD<sup>+</sup>23, BBLS14, BCWT00, BIH10, BH97, BHK<sup>+</sup>10, CFK15, CSA<sup>+</sup>09, CAS<sup>+</sup>97, CMNO23, CDM23, CWP<sup>+</sup>15, CLQ<sup>+</sup>18, CAC<sup>+</sup>97, CLGM05, CGG<sup>+</sup>19, Cra97, CMPB18, CJM<sup>+</sup>22, DBJ97, DTWF17, DTWW17, DTWW21, DLWW23, DBMI17, DSW20, DCF<sup>+</sup>18, DGS<sup>+</sup>05, DGT17b, DSYH09, EAF<sup>+</sup>17, FPLB<sup>+</sup>08, Fer06, FNS20, FTT<sup>+</sup>17, GMD07, GVW<sup>+</sup>19, GGCM17, GLW<sup>+</sup>97, GBI10, GNB<sup>+</sup>17, GMCF19, GKBG17, GF97, HHH<sup>+</sup>15, HMGD17, HTPM14,

HCAK17, HM14, HC05, HALV18, HK07, HPK<sup>+</sup>97, HEW15, INTS02, JYM<sup>+</sup>15, JDL<sup>+</sup>12, JLJ<sup>+</sup>12, KM05a, KCZ<sup>+</sup>19, KB95, KMC05, KHC<sup>+</sup>09, KEA<sup>+</sup>17, KH10, KCO<sup>+</sup>19, LKD<sup>+</sup>15, LCS<sup>+</sup>06, LKJ<sup>+</sup>15, LDG<sup>+</sup>23, LMvDA16, LLM<sup>+</sup>17, Liv95, LPMS09, LWJR22, MBI<sup>+</sup>10, MEB<sup>+</sup>23]. **Arctic** [MGK19, MS12, MSGO18, MSV18, MES97, MKH<sup>+</sup>05, MWFS17, NPF<sup>+</sup>09, NED09, OACA19, PLL<sup>+</sup>06, PWP<sup>+</sup>05, PLGCL09, PFPJ<sup>+</sup>09, PDE<sup>+</sup>16, PHKW10, RLB<sup>+</sup>18a, RHK<sup>+</sup>10, RFF<sup>+</sup>02, RWRS08, RHD<sup>+</sup>18, RFQ99, RKS<sup>+</sup>95, SSLP95, Svdlm95, SE95, SFPH<sup>+</sup>08, SCGB18, SBSW07, SFP<sup>+</sup>09, TCH<sup>+</sup>16, VSFF09, WHF<sup>+</sup>19, WLM23, WBO07, WYOS18, WWH97, Whe97, WWN<sup>+</sup>22, WTT<sup>+</sup>20, WCJ97, YHK15, YBHM05, ZCG<sup>+</sup>12, ZWL<sup>+</sup>22]. **Arctocephalus** [AHB<sup>+</sup>17]. **Arcturoid** [GMB18]. **Area** [BJK<sup>+</sup>22, DKC<sup>+</sup>17, GASGB<sup>+</sup>14, AMJRD19, AAMF<sup>+</sup>02, BM17, BCNS15, BCE18, BEM<sup>+</sup>15, BFG<sup>+</sup>10, BVGE<sup>+</sup>06, COV<sup>+</sup>08, CSGV13, CWJ99, CDJM04, DJC<sup>+</sup>14, EMG<sup>+</sup>15, FB15, FEB<sup>+</sup>15, FSG02, FS14, GHIM04, HH93, HDF<sup>+</sup>01, IMP<sup>+</sup>02, LUV99, LWDH06, LMS15, LGO08, LVP15, Mah16, MB15, MXC15, MQACB08, MHM<sup>+</sup>14, PWMCO1, PAUB19, PFAZL09, SdS01, SP09, WSP19, vGCM00]. **Areas** [LVP<sup>+</sup>17, PRDB<sup>+</sup>17, Ala13, AE02, BCVCHW04, CSM<sup>+</sup>13a, CLQ<sup>+</sup>18, DC12, HD17, HSC<sup>+</sup>19, HWCT08, HON<sup>+</sup>13, JT07, KCD<sup>+</sup>17, KGB16, LCWJI<sup>+</sup>19, LPAR24, LPS14, MBDB<sup>+</sup>24, OMAA18, RNP93, SAG<sup>+</sup>10, SKS<sup>+</sup>23, SNS<sup>+</sup>07, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, VGBGPA02, VVV04b, WLZ<sup>+</sup>19, WCS07, YLG<sup>+</sup>18, YNK07]. **Argentina** [RDdL<sup>+</sup>13, FSCC07, HZS00, MP17, PRP15, SGB14]. **Argentine** [AFM93, AHK99, BW93, EI93, FSM93, Led93, MF93a, OA11, RWG93, WEB93, Wea93]. **Argo** [PVT<sup>+</sup>21, CSZ<sup>+</sup>25, CWS<sup>+</sup>23, DS24, Fre13, Gou05, JBC<sup>+</sup>21, KK20, MPS<sup>+</sup>21, PK13, PPR<sup>+</sup>20b, WXL<sup>+</sup>23]. **ARGOS** [RTC<sup>+</sup>07]. **armatus** [MSW<sup>+</sup>13, RCCP13]. **aromatic** [HTPM14, HT17, LTS<sup>+</sup>97, WSS<sup>+</sup>08]. **array** [ARLB00, GMCF19, KCO<sup>+</sup>19, MT98, WWB04]. **arrowtooth** [DDAH<sup>+</sup>14, DMH19, SCH<sup>+</sup>19a]. **Arsenic** [BSE<sup>+</sup>16, CCFL01, PSP<sup>+</sup>09, RZL<sup>+</sup>10, RZS<sup>+</sup>16, TD16, WSLC15]. **Artedidraconidae** [LCVV06]. **Artic** [Ano96f, CHL<sup>+</sup>95]. **articulata** [JR11]. **artificial** [AS01a, STF09, Tho97]. **artisanal** [TMGLM19]. **ASAR** [OCKA<sup>+</sup>11]. **ascertained** [LMLC<sup>+</sup>17]. **Asellota** [EGMB13, KBK<sup>+</sup>18, Gol15, Gol18, GM22, MB07b, MB15, MB18, MG22, RHW04, RMBW07]. **asexual** [TGU<sup>+</sup>06]. **Asia** [GKB19]. **Asian** [JRK<sup>+</sup>17, WKM<sup>+</sup>07b, WKM<sup>+</sup>07c, Bro19, BH19b, LP19, PH19, SPDW19, Sum19]. **Aspects** [BCP<sup>+</sup>15, KBSS93, OVKN11, ASB<sup>+</sup>02]. **asperum** [WZC<sup>+</sup>19]. **asphalt** [FYS<sup>+</sup>17, NMN<sup>+</sup>17]. **assay** [EPK<sup>+</sup>10, PBG<sup>+</sup>10]. **assemblage** [ILCCC07, CSGV13, DSE<sup>+</sup>14, GVW<sup>+</sup>19, GAP<sup>+</sup>06, KRHS20, LS14a, LHZJ13, MKKB14, MSK<sup>+</sup>06, MSS<sup>+</sup>02, MBO07, WAP<sup>+</sup>18]. **assemblages** [ATJ05, Ala22, AAG02, AFC<sup>+</sup>17, ARB<sup>+</sup>13, ANS<sup>+</sup>11, AKHR<sup>+</sup>20, BAS00, BHS<sup>+</sup>19, BH94, BSCR11, BBW<sup>+</sup>15, CBNR<sup>+</sup>09, CPF<sup>+</sup>14, CJA<sup>+</sup>06, CG21, CDM23, CD20, CHR97, CPA<sup>+</sup>11, DHS<sup>+</sup>14, FKS18, FS14, GCCG13, GPCT23, GDAMS19, GMBL10, GSdS<sup>+</sup>14, HNM<sup>+</sup>20, Hec94, HSR<sup>+</sup>22, Hus16,

IMG<sup>+</sup>19, IKR<sup>+</sup>12, JTW00, JBD<sup>+</sup>09, KBG<sup>+</sup>10, KNI<sup>+</sup>05, LWDH06, LWSZ13, LBB<sup>+</sup>07, MBI<sup>+</sup>10, MRMP09, NSWY20, NHBM10, OKY<sup>+</sup>17, OT12, PWCL98, PMS<sup>+</sup>20, PZL<sup>+</sup>09, QSA<sup>+</sup>09, RVZ02, SKdS<sup>+</sup>14, Sor99, SPB<sup>+</sup>10, SB22, SRS11, Tan03, TT05, TVLB08, TMP<sup>+</sup>13, VGBGPA02, VH99, VTD24, VT01, WAM<sup>+</sup>18, WRBS10, ZBC<sup>+</sup>13]. **assess** [FSP<sup>+</sup>16, MBP<sup>+</sup>20]. **Assessing** [BS21, BHS<sup>+</sup>10, CMG<sup>+</sup>11, CNOC13, FA03, GWP<sup>+</sup>98b, HPWP07, Hei02, PSUH<sup>+</sup>16, Pas18, SSSN19, SMH<sup>+</sup>06, SSP<sup>+</sup>09, TBPS22, Vri09, DTB<sup>+</sup>02, TBSP<sup>+</sup>18]. **Assessment** [COS<sup>+</sup>16, CWP<sup>+</sup>15, DM16a, LL13, MB96, MFN<sup>+</sup>02, PPR<sup>+</sup>20a, SHS<sup>+</sup>12, STP<sup>+</sup>16, VTA<sup>+</sup>11, ATI<sup>+</sup>23, APB<sup>+</sup>09, BFH<sup>+</sup>23, CDM23, CML<sup>+</sup>14, DMC<sup>+</sup>17, DBG<sup>+</sup>16, EHB19, FBP<sup>+</sup>17, GGP<sup>+</sup>14, HCBP97, HIA<sup>+</sup>16, KFW01, LTG<sup>+</sup>09, LTF<sup>+</sup>19, LCL<sup>+</sup>22, Lip01, NP03, RP18, RDSA<sup>+</sup>21, TRF<sup>+</sup>97, WSL07, WPW<sup>+</sup>14, YKSI19, BKS<sup>+</sup>16, ESW<sup>+</sup>16, Mah16]. **assessments** [IHPA16, SPW<sup>+</sup>22]. **assimilated** [FHW06]. **Assimilation** [Fri01, SP09, CFZ<sup>+</sup>18, FM03c, HDGM19, HFKY05, LHS96, LDWK96, MD14, OBM<sup>+</sup>93, SRA<sup>+</sup>09, SJL05, SS01, TDC08, WO99]. **assimilative** [CLF<sup>+</sup>09, MHB<sup>+</sup>23]. **assist** [AKZL16]. **associated** [Ala22, AP22, dSVC<sup>+</sup>14, BW04, Ber24, BPKJ15, BCKH07, BRBD17, BAKF03, BPR<sup>+</sup>10, BVGE<sup>+</sup>06, BLC<sup>+</sup>08, CBNR<sup>+</sup>09, CR06, CdST<sup>+</sup>17, CH24, Cha03, CSG<sup>+</sup>15, CKJ<sup>+</sup>16, CCK<sup>+</sup>16, COQ<sup>+</sup>18, CCM15, CTT09, EHL02, ERR97, EHK09, FR10, FSK<sup>+</sup>02, GLCU<sup>+</sup>17, HDR<sup>+</sup>11, HLL<sup>+</sup>10, HMA20, JCF<sup>+</sup>06b, KLLO98, KKK<sup>+</sup>17, LBV<sup>+</sup>08, LSUB94, LSM<sup>+</sup>06a, LPPCF10, LXS<sup>+</sup>13, LMLC<sup>+</sup>17, MCS<sup>+</sup>09, NMN<sup>+</sup>17, OGG<sup>+</sup>15, OB22a, OLP<sup>+</sup>20, PLRV22, Pas16, PHD<sup>+</sup>18, PZL<sup>+</sup>09, PRSS23, SMZ<sup>+</sup>08, SYT<sup>+</sup>10, SL94, SAVP12, SBBP<sup>+</sup>15, SZH<sup>+</sup>04, SSAL<sup>+</sup>17, SS02, SSI19, SM03, SSS<sup>+</sup>11, Sot09, TSS<sup>+</sup>21, Thu06, TLR<sup>+</sup>00, WPD22, WCH<sup>+</sup>93, WCB98, ZPG14, ZPT<sup>+</sup>13, ZA16]. **associates** [BVL04]. **association** [ALH<sup>+</sup>01, AHVB<sup>+</sup>17, ADG<sup>+</sup>08, ACG<sup>+</sup>17, BDL<sup>+</sup>14, GS06a, NKA<sup>+</sup>11, PGPP<sup>+</sup>13, SPH<sup>+</sup>08, YBC<sup>+</sup>17, TTU01]. **associations** [BWH<sup>+</sup>17, HSY08, KFW01, LWAS08, MBB<sup>+</sup>02, NYH<sup>+</sup>20, OMS06, SJJ19, YSMW05, YSBH06]. **assumptions** [GLF<sup>+</sup>03]. **asteroid** [FSG02, MMD15]. **Asteroidea** [Mah16]. **Astrid** [DKdS<sup>+</sup>03, vAvVV<sup>+</sup>03]. **asymmetry** [DWW<sup>+</sup>02, MS12]. **asymptotic** [CJ19, Mar19]. **At-sea** [CFGR07, WJR<sup>+</sup>16]. **Atheresthes** [DDAH<sup>+</sup>14, DMH19, SCH<sup>+</sup>19a]. **athesphatos** [BG10]. **Atlantic** [AFB<sup>+</sup>94, ARK<sup>+</sup>94, Ang10, Ano96g, BBB94, BMK96, Bea09, BDL<sup>+</sup>14, BA94, Bis94, BRP<sup>+</sup>13, BY04, BHLS15, BAC<sup>+</sup>15, BWH<sup>+</sup>17, BJ15, BSS15, BOJ<sup>+</sup>10, CFJL96, CAGL13, CdST<sup>+</sup>17, CMT93, CRR01, CPH01, CNM17, CWdE99, DMJ93, DKT<sup>+</sup>01, DOBH02, DGN96, DSE<sup>+</sup>14, DKQ<sup>+</sup>93, FBS94, FS05, FHR<sup>+</sup>14, FCW<sup>+</sup>15, FPW02, FKH13, GG93, GdSP11, GNT<sup>+</sup>17, GOP<sup>+</sup>01, HCBL<sup>+</sup>17, HAH<sup>+</sup>01, HC13, HS93, HM93, HFP94, JKB04, JLL<sup>+</sup>15, JPM99, KM96, KFF<sup>+</sup>94, KD01, LRFK99, LSUB94, LDBvdB17, LDHI93, LDFS93, LL13, LTS<sup>+</sup>13, LN01, MHS01, MP17, MK96, MRD13, MTM<sup>+</sup>13, NTF01, NKB<sup>+</sup>18, NESB<sup>+</sup>15, OLG<sup>+</sup>01, QW15, RTFB09, ROL<sup>+</sup>15, RSB<sup>+</sup>15, RDFS93, SH00, SSUB15, SBP13, SSAL<sup>+</sup>17, SLB13a, SKdS<sup>+</sup>14, SE14, SPB<sup>+</sup>10, SGL99, SS99a, SJST13, Ste04, SCB<sup>+</sup>01, SLB13b, SMB03, SS13b,



TRB98, TCJ<sup>+11</sup>, TRM<sup>+15</sup>, Wal94a, WCH<sup>+93</sup>, WBBM01]. **Atlantic**  
 [WBML06, Wir94, WSLC15, YQMB20, You99, ZBC<sup>+13</sup>, ZPT<sup>+13</sup>, ABD<sup>+13</sup>,  
 ADV<sup>+01</sup>, APB<sup>+09</sup>, AGL<sup>+19</sup>, ACV<sup>+01</sup>, ACG<sup>+01</sup>, ARB<sup>+13</sup>, ARC02, ANL13,  
 ABKL96, AKBD13, Ano99a, AMV<sup>+09</sup>, Ark13, AHVB<sup>+17</sup>, AL13, BC11,  
 Bae11, BJB<sup>+06</sup>, BMS<sup>+18</sup>, BMGF93, BMP<sup>+09</sup>, Bat01, BSK<sup>+97</sup>, Bau02,  
 BDWG02, BFDB17, Bec97, BMML06, BJA13, Ber24, BMS99, BGWF08,  
 BW99a, BBR<sup>+10</sup>, BG94, BSJ13, BCH<sup>+11</sup>, BBR<sup>+18</sup>, BSZ99, BNP<sup>+09</sup>,  
 BRBD17, BLG11, BHAL13, BG10, BBB<sup>+07</sup>, BHJ<sup>+14</sup>, BFB<sup>+18</sup>, BSW<sup>+13</sup>,  
 BCL14, BZvHH00, BR14, BD06, BEJS93, CVA<sup>+13</sup>, CAH<sup>+09</sup>, CFK15,  
 CSEP<sup>+17</sup>, CHN<sup>+10</sup>, CSM<sup>+13a</sup>, CPF<sup>+14</sup>, CH11, CRDP02, CSM13b, CM99a,  
 CZVR02, CWWB04, CFT<sup>+04</sup>, COJ<sup>+09</sup>, CM03, CBW01, CMH09, CW09,  
 CSH<sup>+13</sup>, CAJE15, CGPM13, CHV09, CSGV13, CSCP13, CLJ<sup>+13</sup>, CLB13,  
 CHR97, CBS11, CPA<sup>+11</sup>, CM99b, CCFL01, CC01, DLR<sup>+01</sup>, DDN<sup>+04</sup>,  
 DMC<sup>+17</sup>, DSK<sup>+13</sup>]. **Atlantic**  
 [DTB<sup>+02</sup>, DB97a, DONF08, DJR<sup>+01</sup>, DKJ13, Dri09, DSW20, DOC01, DB97b,  
 DH93, Dud06, DHST13, DJC<sup>+14</sup>, DFMG01, EQW<sup>+13</sup>, EHL02, EWP<sup>+99</sup>,  
 FVW08, FRW00, FWS94, FHP94, FS07, FD01, FUGG<sup>+09</sup>, FCBD08, FCAD04,  
 Fro04, FPB04, FYS<sup>+17</sup>, GGF<sup>+08</sup>, GRWW01, GLCU<sup>+17</sup>, GOD<sup>+01</sup>, GWR93,  
 GM11, GSW99, GCI<sup>+01</sup>, GGDF08, GSW<sup>+09</sup>, GDA<sup>+15</sup>, GBSL98, GMBL10,  
 GAJ<sup>+13</sup>, GAHD<sup>+17</sup>, GLMB18, HTD00, HT01, Ham07, HHH<sup>+93</sup>, HMW<sup>+15</sup>,  
 HAF<sup>+15</sup>, HCWW01, HH93, HIK<sup>+08</sup>, HWP<sup>+11</sup>, HDF<sup>+01</sup>, HdMR<sup>+99</sup>,  
 HZT<sup>+06</sup>, HMC09, HK07, HTD13, HSY08, HMSMK04, HWJ20, JSBC15,  
 JZ93, JPSB93, JWS01, JR04, JAP<sup>+13</sup>, JNBJ17, KBK<sup>+18</sup>, KBG<sup>+10</sup>, KSL<sup>+04</sup>,  
 KRF01, KD13, KJB<sup>+08</sup>, KCM<sup>+14</sup>, KFS<sup>+17</sup>, KSU<sup>+06</sup>, KMK<sup>+20</sup>, KMKA20,  
 KPBK08, KLM<sup>+11</sup>, KEPZ93, KST<sup>+99</sup>, KLM13, LVJC17, LRGH<sup>+05</sup>, LOA15,  
 LPD<sup>+17</sup>, LNJ<sup>+00</sup>, LSdC<sup>+10</sup>, LAÁ<sup>+14</sup>, LML<sup>+01</sup>, LB93, LOA13, LMG93].  
**Atlantic** [LH01, LH08, LWC05, LAJP13, LLM<sup>+17</sup>, LS18, LBB11, LMLC<sup>+17</sup>,  
 LBB<sup>+06</sup>, LGB13, LFKF<sup>+17</sup>, MBW<sup>+03</sup>, MAH<sup>+12</sup>, MZD<sup>+11</sup>, MFB18, MH93,  
 MFG<sup>+93</sup>, MR01, MC09, MLP<sup>+10</sup>, MPL15, MD06, MS99, MLS01, Mas01,  
 MCB<sup>+15</sup>, MB03, MA05, MSW<sup>+13</sup>, MSD<sup>+18</sup>, MHFM15, MKD<sup>+20</sup>, MRMP09,  
 MDG13, MG13, MBK97, MdBL<sup>+11</sup>, Mil94b, MGR03b, MWB<sup>+09</sup>, MGK<sup>+17</sup>,  
 MBMGK08, MFE<sup>+02</sup>, MKW11, MR15, NHH<sup>+13</sup>, NMK<sup>+20</sup>, NDT<sup>+01</sup>,  
 NHS<sup>+13</sup>, NRBO<sup>+05</sup>, OBC<sup>+14</sup>, OL15, OUJ<sup>+19</sup>, OGBF08, OPB15, PPA10,  
 PLS<sup>+10</sup>, Pak04, PF04a, PF04b, PH17, PK08, PP93, PWCL98, PKR<sup>+01</sup>,  
 PRDB<sup>+17</sup>, PGPI<sup>+13</sup>, PPRHLF02, PB08, PBN10, PMM<sup>+94</sup>, PGS14, PSB14,  
 PPFS17, PPM02, PSE<sup>+93</sup>, PGPP<sup>+13</sup>, PHH<sup>+06</sup>, PD01, PBB<sup>+13</sup>, QTPS97,  
 QB02, RCL<sup>+09</sup>, RH99, RRL<sup>+14</sup>, ROS<sup>+17</sup>, RLD<sup>+15</sup>, RHK<sup>+11</sup>, RWJ06,  
 RSB<sup>+17</sup>, RSW<sup>+13</sup>, RHB<sup>+04</sup>, RvAH10, RKHK<sup>+11</sup>, RF99, RLB18b]. **Atlantic**  
 [RKB18, RPF01, RCCP13, RWL<sup>+93</sup>, RHJ06, RPH<sup>+06</sup>, RHJL09, RMPI<sup>+17</sup>,  
 RCM<sup>+17</sup>, RFLW00, SA14, SHI06, SMB<sup>+13</sup>, SSP14, SKC99, SLdB<sup>+15</sup>,  
 SLDL93, SAA<sup>+17</sup>, SBG05, SSMC10, SFV<sup>+01</sup>, SBB<sup>+11</sup>, SWB<sup>+09</sup>, SRDV07,  
 SLHS20, SFR<sup>+06</sup>, SRF<sup>+09a</sup>, SF11, SPF<sup>+94</sup>, SML15, SSV02, SBP13,  
 SRAL<sup>+17</sup>, SRBR05, SKW<sup>+04</sup>, SVS93, SGB<sup>+08</sup>, SBK08, Sor99, SABP<sup>+16</sup>,  
 SMA01, SHY<sup>+08</sup>, SS99b, SKKM20, SBvDL<sup>+02</sup>, SWGPK17, SLP<sup>+17</sup>, SMM<sup>+06</sup>,

THJ<sup>+</sup>17, TZS<sup>+</sup>01, THZ06, THM<sup>+</sup>13, TTLP06, TGK<sup>+</sup>11, TSPH09, TBBM03,  
 TLK<sup>+</sup>02, TLP<sup>+</sup>19, TCH<sup>+</sup>16, VKG93, VALM17, VSS<sup>+</sup>93, VCRDF99, VM01,  
 VCR02, VCO<sup>+</sup>15, WH01a, WCJ<sup>+</sup>11, WW04a, WHNS04, Wat09, WB01,  
 dLWFB08, WBM<sup>+</sup>10, Wil98, WR01, WR15, WW04b, Wun13, Yal01,  
 YSC<sup>+</sup>20, YSHS08, YS01, ZV13, ZBVH<sup>+</sup>00, dMGPT<sup>+</sup>14, vdLBB<sup>+</sup>02, HTT15].  
**atlanticus** [EWP<sup>+</sup>99]. **Atlantis** [GTB15]. **Atmosphere**  
 [GSF<sup>+</sup>19, GSF<sup>+</sup>20, AGL<sup>+</sup>19, BPF<sup>+</sup>03, DWW<sup>+</sup>02, FAC<sup>+</sup>24, KD13, KFA<sup>+</sup>20,  
 Mas01, MW06, NHS<sup>+</sup>09, RFHL99, SWLL23, SDMS06, WBA03].  
**Atmosphere-Ocean** [GSF<sup>+</sup>19, GSF<sup>+</sup>20]. **Atmospheric**  
 [BA02, GCN<sup>+</sup>97, HSR<sup>+</sup>23, KMT20, KWN<sup>+</sup>09, TP99, WBJ<sup>+</sup>98, BJB<sup>+</sup>06,  
 CBBM12, CKH<sup>+</sup>05, CB09a, DWBP13, DLF<sup>+</sup>09b, DBL<sup>+</sup>05, DJCF09, EHL02,  
 HSR<sup>+</sup>16, Hei02, JDL<sup>+</sup>22, LRFK99, MSM<sup>+</sup>02, MCJ<sup>+</sup>99, Mun07, NMW<sup>+</sup>09,  
 PW05, PNL<sup>+</sup>19, PMJ20, RW95, SYT<sup>+</sup>10, SBD05, SZG<sup>+</sup>13, SLB13a,  
 SUK<sup>+</sup>06, TMP<sup>+</sup>19, WBO07, YK16]. **atomic** [LZS<sup>+</sup>18]. **attached**  
 [HBM<sup>+</sup>07, LWW<sup>+</sup>15, RVS11]. **attachment** [MCS07, RCKCK07]. **attempt**  
 [Gut06]. **attending** [ACD<sup>+</sup>17]. **Attenuation**  
 [CWWB04, RRWR08, BTS<sup>+</sup>08, CGR<sup>+</sup>96, DO96, SWR<sup>+</sup>95, SBHS20, SM96a].  
**attracting** [MDSA19]. **attributes** [HMAW11, MK21, MA09, Zim19].  
**Atwater** [FR10]. **augment** [NBBBT13]. **augmenting** [BL06]. **August**  
 [Ano00k, Ano98k, Ano98j, Ano99i, Ano22b, Ano23b, Ano24b, ACG<sup>+</sup>17,  
 Dan95, GGH98, HKM00, HLS<sup>+</sup>02, LCK95, PC08, RBP<sup>+</sup>05]. **Austral**  
 [Ano95b, ADG<sup>+</sup>08, BSM01a, BLO04, BCH<sup>+</sup>11, BND<sup>+</sup>04, CRF04, CBJ<sup>+</sup>23,  
 DSN<sup>+</sup>20, DO01, DZ08, FG97, FWM<sup>+</sup>11, FPGH02, Fro04, FPB04, GCB04,  
 HMS<sup>+</sup>13, HHW<sup>+</sup>08, HKN<sup>+</sup>04, JH04, KYKJ16, MAB<sup>+</sup>01, NTH10, PAM<sup>+</sup>04,  
 PF04a, PF04b, PDA<sup>+</sup>20, PMS<sup>+</sup>20, Pee97, PRB<sup>+</sup>11, QTPS97, QB02, RCF<sup>+</sup>08,  
 SLC<sup>+</sup>20, SCM<sup>+</sup>02, SRS<sup>+</sup>20, SMS<sup>+</sup>07, SSHM<sup>+</sup>08, SLMP07, SMP<sup>+</sup>15,  
 SDB<sup>+</sup>97, SLP<sup>+</sup>17, TPS<sup>+</sup>15, VPS97, VKM<sup>+</sup>10, YMC<sup>+</sup>22, ZZP04, ÁRR02,  
 AAMF<sup>+</sup>02, ARW<sup>+</sup>04, BTR95, BLO<sup>+</sup>17, BRSIW95, CRDP02, GCR<sup>+</sup>02,  
 GGLP02, HSK<sup>+</sup>00, KNV<sup>+</sup>10, KHB<sup>+</sup>04, LAF<sup>+</sup>02, NKK<sup>+</sup>00, PNH<sup>+</sup>00,  
 PAVGBG02, SHGB95, TCG00, VFS02, VABCR<sup>+</sup>24, WAPL95, WPW95].  
**austral-winter** [HMS<sup>+</sup>13]. **australe** [ASMM11]. **Australia** [PvRR18,  
 PHE<sup>+</sup>18, BSG<sup>+</sup>11, BOB20, BGDT11, BHS<sup>+</sup>17, DPS<sup>+</sup>11, ETDB11, HWTP07,  
 HYMD11, HF21, IIM02, KBW<sup>+</sup>11, MGJ<sup>+</sup>18, MMC11b, PKW07, SKW07,  
 TBW<sup>+</sup>11, TRHA01, TWPP07, WGW11, WAP<sup>+</sup>18, WAM<sup>+</sup>18, YHC<sup>+</sup>11].  
**Australian** [Beg18, BPM18, BSL11, CMC11, DSvR<sup>+</sup>18, EMEP18, EPHE18,  
 FKS18, FBPG18, HDD<sup>+</sup>11, HGM<sup>+</sup>11, HRM<sup>+</sup>18, LBR<sup>+</sup>11, MBG18, MDJS11,  
 MMMC07, OGRdO18, Pas18, PvRR18, SYB<sup>+</sup>11, SRS11, STS11, WAP<sup>+</sup>18,  
 WAM<sup>+</sup>18, YHC<sup>+</sup>11, vRPD<sup>+</sup>18, APT11, BES11, ETD<sup>+</sup>11, FMFW07, Gau07,  
 KNK15, NHD11, PHD<sup>+</sup>11, dSEDW11]. **australis** [MB07a]. **Authigenic**  
 [FC15, GF07, NEO<sup>+</sup>07, PUP<sup>+</sup>07, ÇYB<sup>+</sup>18, LMG17, LSL<sup>+</sup>15, PBVC<sup>+</sup>16,  
 RH07, SHM<sup>+</sup>07]. **Author** [Ano96a, Ano01a, Ano95g]. **automated**  
 [SMY<sup>+</sup>98]. **Automatic** [TAB<sup>+</sup>16]. **Autonomous**  
 [RDL<sup>+</sup>09, BCT21, BKY<sup>+</sup>17, CSW<sup>+</sup>18, CB09b, KR11, KOR06, MCM<sup>+</sup>14,  
 PNS<sup>+</sup>09, FH09, HLR<sup>+</sup>09]. **autotrophic** [DB97a, MLK<sup>+</sup>12, YLD09, Yal01].

**autotrophy** [RvAH10]. **autumn** [AHGCNM<sup>+</sup>04, AGM<sup>+</sup>93, BRG17, BSKD<sup>+</sup>07, COQ<sup>+</sup>18, FPLB<sup>+</sup>08, FWC<sup>+</sup>12, FPGH02, LHZ<sup>+</sup>16, NPA<sup>+</sup>22, PAM<sup>+</sup>04, PMG<sup>+</sup>22, WAW05b, ZSZ<sup>+</sup>19]. **AUV** [PGM<sup>+</sup>15]. **availability** [BFSK08, BCG04, GGCM17, KY17, LG09, LL01, LRN<sup>+</sup>14, NTK<sup>+</sup>09, PDE<sup>+</sup>16, RBS<sup>+</sup>17b, VM13, WWC<sup>+</sup>19, ZAC<sup>+</sup>15]. **averaged** [SF11, SS13b]. **AVHRR** [FCP99, OMS06]. **AVHRR-derived** [OMS06]. **AVHRR/NOAA** [FCP99]. **AVHRR/NOAA-11** [FCP99]. **Avilés** [SGPD<sup>+</sup>14, GBDM<sup>+</sup>14, LPS14]. **avulsions** [SSHB03]. **Axial** [MTB09]. **Axiidae** [Mar18]. **Axis** [BvWR<sup>+</sup>20, CTW<sup>+</sup>20, CD20, CS20, KFA<sup>+</sup>20, LWB<sup>+</sup>20, RWT<sup>+</sup>20]. **Azores** [BRP<sup>+</sup>13, PNLFS02, PNLF02, PNLFS03, AGS<sup>+</sup>02, CP13, CSM<sup>+</sup>13a, CGPM13, DONF08, HMM<sup>+</sup>02, MDG13, PPM<sup>+</sup>17, PNLF02, PGPI<sup>+</sup>13, PGPP<sup>+</sup>13, RVC<sup>+</sup>13a, RVC<sup>+</sup>13b, ROS<sup>+</sup>17, SMB<sup>+</sup>13, SWZA02, SAM05, SBK08, THM<sup>+</sup>13, VFFM13, dMGPT<sup>+</sup>14].

**B** [Ano97c, Eif05, LWAS08, ONSSVGR04, WW04a, EGOO22, EBG<sup>+</sup>22]. **B.** [BRG17]. **Ba** [JDS<sup>+</sup>08]. **Bab** [Sme04, SJM02]. **batchi** [MCCM<sup>+</sup>98]. **back** [IDSM04]. **backarc** [iITT<sup>+</sup>15]. **Background** [KL96a, VGD14]. **backscatter** [LCG03, WH01a, WGR<sup>+</sup>95]. **backscattering** [Ano97b, FCG18, LLK<sup>+</sup>16, WMS<sup>+</sup>96]. **Bacteria** [TGA<sup>+</sup>09, BRM18, BCG04, BCO<sup>+</sup>96, BAKF03, CKJ<sup>+</sup>16, GMT<sup>+</sup>09, HSS<sup>+</sup>18, JBR<sup>+</sup>18, KBLA97, KSH<sup>+</sup>09, KRB95, KHC<sup>+</sup>09, KMO<sup>+</sup>10, KFK06, LDHI93, LH01, LWW<sup>+</sup>15, LIS<sup>+</sup>02, LLT<sup>+</sup>00, MFM<sup>+</sup>18, PvRR18, RRMM05, RJM<sup>+</sup>15, SSV02, TR02, VKGP<sup>+</sup>11, WLM23, ZXLL10, ZHK<sup>+</sup>05]. **Bacterial** [AHR<sup>+</sup>06, BFL00, DSJ<sup>+</sup>11, GCB04, HHH<sup>+</sup>15, JBS<sup>+</sup>98, LXS<sup>+</sup>13, LBGW97, MQD06, MBT97, RBA<sup>+</sup>01, RSF<sup>+</sup>99, SSLA95, SNW08, TB97, TOSH08, YNK07, ADBU18, AZYT16, BN97, BRJM18, BCN<sup>+</sup>16, BFML<sup>+</sup>08, BGG<sup>+</sup>09, DKT<sup>+</sup>01, DC08, DCK01, DDK<sup>+</sup>00, GKB<sup>+</sup>18, HRM<sup>+</sup>06, JJVH18, JMN<sup>+</sup>15, JS14, KKK<sup>+</sup>17, KMC05, KNC<sup>+</sup>09, LLK<sup>+</sup>09, MNB02, OCL<sup>+</sup>08, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, RSR<sup>+</sup>19, RGS<sup>+</sup>97, SBSH99, SIS<sup>+</sup>02, SGC03, SPEPS18, TGRB02, WvdEM00, XGL15, YNG<sup>+</sup>16, ZDA<sup>+</sup>16, ZSB01]. **Bacterioplankton** [Duc93, DQC95, GVD<sup>+</sup>97, HZL<sup>+</sup>12, KHE<sup>+</sup>11, PJ99, CDS96, DKQ<sup>+</sup>93, DSC<sup>+</sup>01, DCC<sup>+</sup>01, HKY<sup>+</sup>16, MPTW11, ORFA<sup>+</sup>14, XZW<sup>+</sup>19, ZFA<sup>+</sup>02]. **Bacterivory** [Wei99, RPAD99, SSV02]. **BAD** [GWP<sup>+</sup>98b]. **Baeonectes** [MGE13]. **Baffin** [HdVGHM02]. **Bahamas** [BBW<sup>+</sup>15, PP13]. **Bahamian** [YERT13]. **Bahia** [DCH04, ONSSVGR04, SVJRSON04, RAR04]. **Baiona** [BFG<sup>+</sup>10]. **bait** [KJB<sup>+</sup>08]. **Baited** [JSWB21, LDBvdB17, LLM<sup>+</sup>17, CLJ<sup>+</sup>13]. **Baiyun** [MWS<sup>+</sup>15]. **Baja** [DCH04, AMJRD19, AHGCNM<sup>+</sup>04, DGR19, ECM<sup>+</sup>06, RAL04, SMPSG<sup>+</sup>04]. **Balaena** [OCP18]. **Balaenoptera** [BRG17, ESWL20, LAP<sup>+</sup>17, MHM<sup>+</sup>14]. **balance** [AKH<sup>+</sup>02, AMV<sup>+</sup>09, BBB94, BMK<sup>+</sup>13, CW97, FDC<sup>+</sup>18, HCBP97, HdBB<sup>+</sup>02, LGO08, MBK08, MBW<sup>+</sup>08, Qua97, RdGM<sup>+</sup>09, RJWD01, SPSM23, SFR<sup>+</sup>06, SLB<sup>+</sup>16, TRF<sup>+</sup>97]. **balanced** [MMTT<sup>+</sup>20, SCSMT20]. **balances** [LST<sup>+</sup>11]. **Balearic** [COS<sup>+</sup>16, GLCU<sup>+</sup>17, PRDB<sup>+</sup>17]. **Baleen**

[DBL<sup>+</sup>19, ZFP<sup>+</sup>16, PTS17, RHB<sup>+</sup>04]. **Bali** [SNH<sup>+</sup>23, SRAs<sup>+</sup>24]. **ballast** [ALH<sup>+</sup>01, APLW09, LPW<sup>+</sup>09]. **ballasting** [ESA<sup>+</sup>09, EAS<sup>+</sup>09, ZdBB<sup>+</sup>07]. **Baltic** [LL14, BSE<sup>+</sup>16, BKS<sup>+</sup>16, GK16, KGB16, OT10, SKH<sup>+</sup>10a]. **Baltimore** [BWH<sup>+</sup>17]. **bamboo** [STR<sup>+</sup>14]. **band** [BCT21, SL11]. **Banda** [HXF<sup>+</sup>23]. **Bank** [Ano97b, AJP<sup>+</sup>22, Di 10, GASGB<sup>+</sup>14, HC13, NHH<sup>+</sup>13, PR05, SKdS<sup>+</sup>14, GSM<sup>+</sup>08, LDG94, MDC<sup>+</sup>10, ADGA01, ABB<sup>+</sup>01, AGD96, BDW<sup>+</sup>96, BBR<sup>+</sup>96, BSM01b, BHC<sup>+</sup>01, BL04, BD06, BK96b, BGMH01, CRD01, CPF<sup>+</sup>14, CBF01, CHV09, CBS<sup>+</sup>01, DVC14, DPS<sup>+</sup>14, DL01, DC06, FC01, GDE<sup>+</sup>96, GTTKB14, GNG<sup>+</sup>22, GDM<sup>+</sup>25, HSR<sup>+</sup>23, HRSJ23, HLNO96, HF01, HNCW23, IAA96, JRJ<sup>+</sup>22, JKJ<sup>+</sup>22, JCF<sup>+</sup>06a, JCF<sup>+</sup>06b, LCD01, LMDW06, LB96, LM96, LCR<sup>+</sup>96, LM01, LBB<sup>+</sup>06, LPS14, LLW01, MRRG23, MB96, MS01, MC06, MB01, MPH<sup>+</sup>22, MLW<sup>+</sup>01, MTK<sup>+</sup>14, MO96, MT96, NLHB01, NDE14, NDG96, NPA<sup>+</sup>22, PWMC01, PTD<sup>+</sup>14, PMG<sup>+</sup>22, RPJ<sup>+</sup>06, RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TMTR14, TLW<sup>+</sup>94, WPLN96, WMS<sup>+</sup>96, WB96, WBBM01, WBML06, WBI<sup>+</sup>01, WOU06, YO96]. **Banks** [DPK<sup>+</sup>14, DKP<sup>+</sup>14, PDK<sup>+</sup>14, DMS<sup>+</sup>10, SMD06]. **Banzare** [WMP<sup>+</sup>11]. **Baranof** [SBK<sup>+</sup>16]. **Barbara** [GBG15, KTL<sup>+</sup>00, MPB<sup>+</sup>18, OS04, Thu98]. **barbatus** [CBK<sup>+</sup>22]. **barcode** [ABE<sup>+</sup>11, BOJ<sup>+</sup>10, JBOH10]. **Barcoding** [DLB<sup>+</sup>11, OBPY10, BHK<sup>+</sup>10, HNS<sup>+</sup>11, WBCB06]. **Barents** [PTP09, PKA95, AI09, CZP<sup>+</sup>08, CDRA08, DEJ08, DYEJ08, HK08, KBE<sup>+</sup>04, LSHB09, LD07, MA09, MR08, NVBJ08, ODR<sup>+</sup>09, PAR<sup>+</sup>08, RRWR08, RMC<sup>+</sup>08, RWRS08, SEN<sup>+</sup>95, SNW08, SESS08, TRH<sup>+</sup>08, TOSH08, WCB08, YD09, Ynd09, ZCP<sup>+</sup>08, ZNPR09]. **Barite** [HZMH07, PG07]. **Barite-forming** [HZMH07]. **Barium** [DJS<sup>+</sup>08, GF97, DSO<sup>+</sup>97, DC96, NISG05, PHS<sup>+</sup>17b]. **Barkley** [JMM<sup>+</sup>13]. **Barnard** [RMBW07]. **Baroclinic** [PN93, AGHS04, KAW<sup>+</sup>16, LH08, LBB11, SHA04]. **barotropic** [AGHS04, KAW<sup>+</sup>16, SJL05]. **barred** [WYL<sup>+</sup>20]. **barriers** [BHC<sup>+</sup>17, GGI03, YSC<sup>+</sup>20]. **Barrow** [LMM<sup>+</sup>17, LRDS18, OACA19, PNL<sup>+</sup>19, PPL<sup>+</sup>19, RLB<sup>+</sup>18a, SP19b]. **base** [BBS<sup>+</sup>20, NCSB<sup>+</sup>98]. **Based** [SSH<sup>+</sup>11, AH17, ALH<sup>+</sup>01, Arm06, BCBB12, BLBW<sup>+</sup>11, BSN18, BJP<sup>+</sup>22, BGMH01, CDDC03, CDM23, CC03, DIM<sup>+</sup>12, DGT<sup>+</sup>17a, DFMW13, DW15b, Eks07, EHB19, EMV09, GMCR18, GSC<sup>+</sup>19, GKB19, GAHD<sup>+</sup>17, HLC<sup>+</sup>16, HPH<sup>+</sup>16, HIN<sup>+</sup>02, HXC<sup>+</sup>22, HAD19, ITM<sup>+</sup>12, ITK<sup>+</sup>16, JBOH10, JDL<sup>+</sup>22, JBD<sup>+</sup>09, KOS<sup>+</sup>16, KR11, KY17, KHT<sup>+</sup>20, LXWC21, LPM<sup>+</sup>19, LCL<sup>+</sup>10, MGJ<sup>+</sup>18, MDTS08, MPH<sup>+</sup>16, MARFP08, MBMGK08, MRM<sup>+</sup>12, MLG<sup>+</sup>04, NKE11, NAT<sup>+</sup>12, NGF09, NHS<sup>+</sup>13, OTNT05, PCT18, PA25, PTD<sup>+</sup>17, PJLO<sup>+</sup>17, PCP<sup>+</sup>17, PFAZL09, QQJ<sup>+</sup>21, ROPB03, RSB<sup>+</sup>17, RSW<sup>+</sup>13, RTC<sup>+</sup>07, RDSA<sup>+</sup>21, SIA<sup>+</sup>05, STJ<sup>+</sup>08, SAA<sup>+</sup>17, Sch02a, SRAs<sup>+</sup>24, SNMH18, SLP<sup>+</sup>09, STP<sup>+</sup>16, SVS<sup>+</sup>20, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, TSS<sup>+</sup>02, TCM<sup>+</sup>22, TT05, TTU01, TSSR20, TdFAL19, TTL<sup>+</sup>16, VSGGPR14, VvdLS11, WMH<sup>+</sup>07, WZC<sup>+</sup>19, WLC99, WCL<sup>+</sup>15b, WPFB11,

ZQ97, ZHM<sup>+</sup>24, ANL13, CTW<sup>+</sup>20, GDD<sup>+</sup>09, PBG<sup>+</sup>10]. **Baseline** [MAH<sup>+</sup>12, CM99b, HRM<sup>+</sup>18, MPB<sup>+</sup>18]. **baselines** [LGP<sup>+</sup>15]. **Basin** [Ano96f, Ano05b, ASV18, BSM01a, BTP<sup>+</sup>18, CSG<sup>+</sup>15, CHL<sup>+</sup>95, DLL<sup>+</sup>15, Gol18, GH05, GHS09, GC18, HAH<sup>+</sup>01, HB19, HBSV24, MB18, MML06, MW05b, MTMK<sup>+</sup>13, MPB<sup>+</sup>18, NRH<sup>+</sup>06, OGG<sup>+</sup>20, PUP<sup>+</sup>07, PFAZL09, SBQ<sup>+</sup>02, Sot09, Thu98, ZT00, ZB00, ACBV<sup>+</sup>18, BMD<sup>+</sup>17, BGS09, CKH<sup>+</sup>05, CHN<sup>+</sup>10, DM16a, DC08, DKP<sup>+</sup>17, EFR<sup>+</sup>19, Ell93, GKH<sup>+</sup>07, GBPB<sup>+</sup>13, GHD<sup>+</sup>18, HC05, HBV19, HBVG20, HBVG22, HWJ20, IFFGL<sup>+</sup>04, iTT<sup>+</sup>15, KM05a, KK20, KMO09, LMS09, MGE13, Mar13, MLBT25, PNLFS02, PNLFS03, SVKT20, SMG<sup>+</sup>07, WC06a, YHK15, DSW20, ABG<sup>+</sup>20, AZK<sup>+</sup>20, AFM93, AHK99, ALT<sup>+</sup>13, AKHR<sup>+</sup>20, BW93, BN04, BIH10, Bor01, BCP<sup>+</sup>15, BLP<sup>+</sup>15, BRSB16, CHW<sup>+</sup>12, CB00b, DB05, DH97, DZL<sup>+</sup>17, DQSF02, EMV09, FSM93, FKW01, GBG15, GBO01, GMC<sup>+</sup>12, HKR<sup>+</sup>01, HZL<sup>+</sup>12, HFM<sup>+</sup>02, HO99, JSP<sup>+</sup>17, KNK15, KWA<sup>+</sup>20, KME18, KKK<sup>+</sup>17, KTL<sup>+</sup>00]. **Basin** [KHL<sup>+</sup>01, KVPK20, Kos01, KFW01, KH10, KWH<sup>+</sup>05, KHH<sup>+</sup>17, LF07, Led93, LWL<sup>+</sup>16, LKTS01, MWS<sup>+</sup>15, MBI<sup>+</sup>10, MA18a, MF93a, MvSHD01, MAR<sup>+</sup>17, MWV<sup>+</sup>05, MKKF18, MKVT<sup>+</sup>04, MSBS01, ÖHÜ<sup>+</sup>93, PG97, PPRL02, PVRA07, RBA<sup>+</sup>01, RWG93, RSN01, SMB<sup>+</sup>93, SdS01, SA18, SLM<sup>+</sup>20, SSI19, SM01, STWW01, TSP<sup>+</sup>18, TTW<sup>+</sup>05, TCG<sup>+</sup>18, ULH<sup>+</sup>21, WWL02, WEB93, Wea93, Wei15, dSSB<sup>+</sup>01]. **Basin-scale** [HAH<sup>+</sup>01, NRH<sup>+</sup>06, SMG<sup>+</sup>07]. **Basin-wide** [DLL<sup>+</sup>15, MW05b]. **Basins** [DLHH11, CRS<sup>+</sup>19, GK16, KMK<sup>+</sup>20, KMKA20, LVJC17, MS11, PVK<sup>+</sup>20, SvdLM95, SKKM20, SJA<sup>+</sup>97, TKP<sup>+</sup>20, vCHM18, VVTM97]. **Basinwide** [DSC<sup>+</sup>01]. **basis** [Tho04]. **bassana** [GMD07]. **batch** [MNB02]. **batch-culture** [MNB02]. **Bathyal** [BJA13, CSCP13, CLJ<sup>+</sup>13, FS14, LAJP13, PP13, ARB<sup>+</sup>13, BGB08, CC13, CBW01, Dau18, DND04, EGMB13, GM22, GBBS00, Gri13, HSR<sup>+</sup>22, HTD13, JT07, Kam13, KCM<sup>+</sup>14, KPBK08, LG98, LBB<sup>+</sup>07, LPS14, Mar18, MCD<sup>+</sup>09, PHS17a, PRSS23, RJT11, SW09, WSF<sup>+</sup>24]. **bathyal-abyssal** [Dau18]. **Bathycallisoma** [LMLJ18]. **Bathyconchoecetta** [CB18]. **Bathylagus** [LZL<sup>+</sup>22]. **Bathymetric** [MC15, PC98, RE98, RHM13, CLW<sup>+</sup>23, CSF<sup>+</sup>12, GJ11, MBMM<sup>+</sup>99, OBKA17, QSA<sup>+</sup>09]. **Bathymetry** [PS03, Bol08, MP94, RCF<sup>+</sup>08, RKB18, SC10, ZDO19]. **bathypelagic** [BHS<sup>+</sup>10, CHN<sup>+</sup>10, GD07, KSS00a, LTG<sup>+</sup>09, NTA<sup>+</sup>10, OGBF08, RSR10, SNS10, YLD09]. **BATS** [Ano96g, BMK96, CRR01, DGN96, GOP<sup>+</sup>01, KM96, MHS01, OLG<sup>+</sup>01, SCB<sup>+</sup>01, SMB03, AL13, HBCO01, HA96, Lip01, SMA01]. **Bay** [ARW<sup>+</sup>04, ADG<sup>+</sup>08, BLO<sup>+</sup>17, CHM<sup>+</sup>17, CCZ<sup>+</sup>21, CLW<sup>+</sup>23, CMW<sup>+</sup>08, CWJ99, CDT11, DDLK06, DTP<sup>+</sup>05, DWHM06, EBM<sup>+</sup>25, FJF<sup>+</sup>11, FMS08, FS14, GBDM<sup>+</sup>14, GSF<sup>+</sup>19, GSF<sup>+</sup>20, HLR<sup>+</sup>09, HWTN22, HVBO08, HBO11, JCP<sup>+</sup>22, KL06, KKD06, KC00, KD00, LBM<sup>+</sup>17, LPAR24, LPS14, MDTS11a, MMTT<sup>+</sup>20, MBW<sup>+</sup>08, MZG<sup>+</sup>24, MLH<sup>+</sup>22, NKA<sup>+</sup>11, OC00, PLRV22, PC00, PC18, PEC<sup>+</sup>04, PKA05, RAC<sup>+</sup>20, RLP<sup>+</sup>98, RCF<sup>+</sup>08, RBS<sup>+</sup>17b, SRS<sup>+</sup>20, SHD<sup>+</sup>14, SFW08, SRC98, SJD<sup>+</sup>11, SAB<sup>+</sup>07, TDKA05, UPS04, WCD<sup>+</sup>09, WDKC00, ZHY<sup>+</sup>13, TMC<sup>+</sup>14, ZGW<sup>+</sup>23, AML<sup>+</sup>19, ARWM13, Ake19,

AGGdC14, AVS<sup>+</sup>20, AHV<sup>+</sup>17, BSMV03, BLO04, BH99a, BPF<sup>+</sup>03, BS21, BFG<sup>+</sup>10, BMT20, CFR<sup>+</sup>14, CFL<sup>+</sup>99, CMP14, CCP<sup>+</sup>18, CRF04, Cha03, CRP<sup>+</sup>05, CWL<sup>+</sup>23, DAKR20, DHCV19, DGP20, DS24, DT08, EHB19, EWP<sup>+</sup>99, EEAA<sup>+</sup>19, ERB<sup>+</sup>99, ER05, FGF<sup>+</sup>14, FCP99, GSP14, GMR<sup>+</sup>05, GLM04]. **Bay** [GSM<sup>+</sup>20, GGT<sup>+</sup>02, HdVGHM02, HHH<sup>+</sup>14, HdMR<sup>+</sup>99, HKFL03, HTW14, HCG19, IDSM04, IKQU03, JLM20, JRKR19, JCP05, JMW<sup>+</sup>20, JWCC99, KWF<sup>+</sup>19, KCA05, KSB<sup>+</sup>03, KVL<sup>+</sup>19, KDSR19, LCD<sup>+</sup>24, LUV99, LFPC14, LAB<sup>+</sup>17, LCL<sup>+</sup>22, MGR<sup>+</sup>03a, MDTS11b, MPH<sup>+</sup>05, MLH14, MDSA19, MSB<sup>+</sup>03, NSKG96, NWZL23, PCT18, PLRV22, PDT11a, PS20, PLA<sup>+</sup>17, PS19, PLPS98, Pin93, PGS14, PWJF20, PFW<sup>+</sup>20, PPM02, PP20, PSWF19, RH99, RDL<sup>+</sup>09, RHPC<sup>+</sup>19, RRS<sup>+</sup>98, RSSM19, RBCG10, SSSN19, SP19a, SSSC19, SLP<sup>+</sup>09, SGJ<sup>+</sup>20, SP09, SRA<sup>+</sup>09, SGI<sup>+</sup>19, SWDB<sup>+</sup>14, SMS03, Sor99, SE14, UIS<sup>+</sup>03, VLSS<sup>+</sup>04, VJP<sup>+</sup>10, VMB17, VDS<sup>+</sup>20, VLP<sup>+</sup>17, WMB<sup>+</sup>08, WTJ<sup>+</sup>19, Yu03, ZZP04, dLC<sup>+</sup>14, dMCNC99, vdBGM<sup>+</sup>17]. **Bay/California** [HLR<sup>+</sup>09]. **Bayesian** [KG20, Pas18, PFAZL09, SVS<sup>+</sup>20]. **be** [CHG15, EBG<sup>+</sup>15, KBB07, OSM<sup>+</sup>20, AFB<sup>+</sup>94, CAFK03b, CLGM05, YKS03]. **beaches** [LMH<sup>+</sup>18]. **beaked** [BCT21, RAT<sup>+</sup>13]. **Beam** [CGR<sup>+</sup>96, CWD<sup>+</sup>10, DBBWH20, DO96, MP94, NCSB<sup>+</sup>98, SWR<sup>+</sup>95]. **beamforming** [MT98]. **bearded** [CBK<sup>+</sup>22]. **bearing** [AS01a, CC13, LCK<sup>+</sup>18, NCK<sup>+</sup>22, OCG<sup>+</sup>09, PBVC<sup>+</sup>16]. **Beaufort** [AGP05, BHMC05, BBH05, CMV<sup>+</sup>20, EGG<sup>+</sup>05, FNS20, Gra09, HCS05, LGC<sup>+</sup>12, LPM<sup>+</sup>19, LFC16, OCP18, PCAS05, PPF<sup>+</sup>15, CMNO23, DB05, GNB<sup>+</sup>17, LRDS18, MSM10, SFH<sup>+</sup>18, WDM<sup>+</sup>05, WCC05]. **Béchervaise** [NCR<sup>+</sup>08]. **bed** [HvH04, LB14, Zim09]. **Bednarsek** [PTMH16]. **beds** [BBS<sup>+</sup>20, KBFH14]. **Before** [Joy16, JR04, ULTL16]. **Behavior** [ANI09, RZL<sup>+</sup>10, BCF<sup>+</sup>04, BHBC08, CHPF10, CW97, CP05, DFMW13, EWG94, NSBL94, PP13, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16, RQNO04, RG06a, RG06b, SMA<sup>+</sup>17, TLW<sup>+</sup>94, TT17, VF08, WAN<sup>+</sup>15, ZWQ<sup>+</sup>19, ZD04]. **Behavioral** [PCL22, SM12, SFMG13, MT98, VALW23]. **Behaviors** [KPML20, NOT<sup>+</sup>09, TMH<sup>+</sup>08, TNS<sup>+</sup>09]. **behaviour** [ATM<sup>+</sup>07, BCE<sup>+</sup>07, BFDB17, BGOL01, CRS<sup>+</sup>19, CW15, ELP13, EPHE18, GMD07, GSPT13, GJC98, HAGW<sup>+</sup>13, KKM<sup>+</sup>10, KYS94, KBR18, MBTM97, PBD<sup>+</sup>02, RAR04, RTC<sup>+</sup>07, RCKCK07, TCEW07, UGSK<sup>+</sup>20, WH01a, WMB<sup>+</sup>08, WLR<sup>+</sup>00, YKN07]. **Behavioural** [MCB<sup>+</sup>15, WHLR13]. **behaviours** [FKW01]. **behind** [AGL<sup>+</sup>19]. **Belgica** [LDBvdB17, WLA11]. **Belief** [Pas18]. **Bellingshausen** [Ano95b, PAM<sup>+</sup>04, SMS<sup>+</sup>08, WLA11, Ald95, AS95, BTR95, BRSIW95, BES95, BOP95, Cri95, Kyt02a, LTW<sup>+</sup>11, MAH<sup>+</sup>12, MWB95, OCKA<sup>+</sup>11, PRA<sup>+</sup>95, RAF<sup>+</sup>11, RHB<sup>+</sup>95, SHGB95, SRF95, TO95, TOP95, WAPL95, WGR<sup>+</sup>95, WPW95, XAY<sup>+</sup>11]. **Belt** [OSCS04]. **Beluga** [SFH<sup>+</sup>18, EF98, SCGB18]. **belyaevi** [SC15]. **benchmark** [XA09]. **beneath** [ADBW16, APP<sup>+</sup>14, BW99b, HSM11, LGML00, SvdMC<sup>+</sup>16, SHM<sup>+</sup>11].

**benefit** [WTT<sup>+</sup>20]. **Bengal** [Ake19, EHB19, GSF<sup>+</sup>19, GSF<sup>+</sup>20, AML<sup>+</sup>19, AVS<sup>+</sup>20, BSMV03, BPF<sup>+</sup>03, BS21, BMT20, Cha03, CRP<sup>+</sup>05, DAKR20, DGP20, DS24, GMR<sup>+</sup>05, GSM<sup>+</sup>20, GGT<sup>+</sup>02, HKFL03, HCG19, IKQU03, JLM20, JRKR19, JMW<sup>+</sup>20, KWF<sup>+</sup>19, KSB<sup>+</sup>03, KVL<sup>+</sup>19, KDSR19, MGR<sup>+</sup>03a, MDSA19, MSB<sup>+</sup>03, NSKG96, PLRV22, PS20, PS19, PWJF20, PFW<sup>+</sup>20, PP20, PSWF19, RAC<sup>+</sup>20, RSSM19, SSSN19, SP19a, SSHB03, SSSC19, SGJ<sup>+</sup>20, SMS03, SAB<sup>+</sup>07, UIS<sup>+</sup>03, VDS<sup>+</sup>20, WTJ<sup>+</sup>19, Yu03]. **Benguela** [Ber24, GBP00, RG03, SGD<sup>+</sup>14a, SCGDU09]. **Bentart** [Can06]. **Benthic** [AAG02, BGB08, BG94, BN04, BJSH14, CR06, Can06, CDRA08, CL09, DDB<sup>+</sup>97, DJC<sup>+</sup>14, EWP<sup>+</sup>99, Har11, HBT<sup>+</sup>08, IBD10, KCZ<sup>+</sup>19, KGB16, KRHS20, MBI<sup>+</sup>10, MS09, MFG<sup>+</sup>04, Pfa93, PHK<sup>+</sup>14, QSA<sup>+</sup>09, RWG93, SMCA01, VSR<sup>+</sup>10, WLM23, vWDB<sup>+</sup>01, AKI<sup>+</sup>16, BGS98, BS98, BB98, BAD<sup>+</sup>97, BW99a, Bla94, BMOW09, BBR<sup>+</sup>18, BFM<sup>+</sup>14, BSP00, BNKJ23, BEZ<sup>+</sup>22, BBLE24, BVB14a, BDG<sup>+</sup>04, BVB<sup>+</sup>14b, BW14, BFS<sup>+</sup>17, CMP14, CDM23, CB18, CBW01, CBS<sup>+</sup>01, CRM<sup>+</sup>16, CSG<sup>+</sup>13, CG04, CKB<sup>+</sup>07, DGN<sup>+</sup>17, DC08, DCR94, DFA<sup>+</sup>20, DGS<sup>+</sup>05, DGT14, FHT<sup>+</sup>14, Gag04, GMR<sup>+</sup>09, GCCG13, GBSL98, GGT<sup>+</sup>02, GRSW00, GHM02, GSB<sup>+</sup>03, GDM<sup>+</sup>25, GG02, HDK08, HDR<sup>+</sup>11, HT17, HDF<sup>+</sup>01, HZS00, HSM<sup>+</sup>01a, Hil94, HRM<sup>+</sup>18, HWS<sup>+</sup>13, HSC<sup>+</sup>07, JBD<sup>+</sup>09, KPML20, KCTG16, KBKW13, KCY<sup>+</sup>16, KMA<sup>+</sup>18, KSS<sup>+</sup>00b, LEP14, LWM<sup>+</sup>09, LBE06, LCT<sup>+</sup>07b, LRDS18, LT03, LWGS00]. **benthic** [Lut09, MRRG23, MMS<sup>+</sup>16, MC18a, MSD<sup>+</sup>18, MGK19, MSJS08, MGK<sup>+</sup>17, MKH<sup>+</sup>05, MR08, MB08, NCSB<sup>+</sup>98, PDK<sup>+</sup>14, PHS17a, PSK00a, PGPP<sup>+</sup>13, PBO<sup>+</sup>11, PDTS08, RBA<sup>+</sup>01, RdGM<sup>+</sup>09, RMC<sup>+</sup>08, RSN01, RLG07, RPZ<sup>+</sup>14, SSSN19, SCD14, SNPS01, SS09, SKdS<sup>+</sup>14, SBD<sup>+</sup>97, SHM<sup>+</sup>20, SHM<sup>+</sup>01, SLZ<sup>+</sup>16, SSR<sup>+</sup>14, SP06, SBS<sup>+</sup>08, SNK07, TDCV<sup>+</sup>06, WHF<sup>+</sup>19, WSF<sup>+</sup>24, WWC<sup>+</sup>19, WACGH11, Wil08, WGMC14, WTA<sup>+</sup>18, WP00, WSB<sup>+</sup>09, WZB<sup>+</sup>14, XSM<sup>+</sup>19, Sor99]. **benthic-pelagic** [CBS<sup>+</sup>01]. **benthic** [CA06b, DBBWH20, SMD06]. **benthic-pelagic** [CA06b, DBBWH20, SMD06]. **Benthocometes** [GPCC<sup>+</sup>17]. **benthopelagic** [CM00, CMH09, PCP<sup>+</sup>17]. **Benthos** [BHMK08, RK08, SJD<sup>+</sup>11, CA06b, CLGM05, DSD12, JMM<sup>+</sup>13, MBP<sup>+</sup>20, SL94, GG02]. **Benthosema** [WL20]. **berglax** [PK08]. **Bering** [CSE<sup>+</sup>22, CCL<sup>+</sup>14, CCS<sup>+</sup>16, CHH<sup>+</sup>21, CBSS02, DTWF17, DKZP16, ENM<sup>+</sup>16, GCCG13, HCAK17, KKSA19, LS12, Lin16, LWJR22, LMC<sup>+</sup>12, MG22, MiSW08, MSRM08, RKM23a, RD02, SKS<sup>+</sup>16, SSDA13, SH02, SDK<sup>+</sup>16, SWSL14, SWG14, VSM17, WSB13, ZFP<sup>+</sup>16, AM22b, ATJ05, Ala22, AP22, ASF<sup>+</sup>16, ATN<sup>+</sup>12, AKI<sup>+</sup>16, AM07, BDR16, BH14, BFD<sup>+</sup>23, BZ20, BMK<sup>+</sup>13, Blo02, BA02, BEZ<sup>+</sup>22, BZMC20, BWC<sup>+</sup>02, BOKA16, CHW<sup>+</sup>12, CAS<sup>+</sup>16, CMNO23, CG07, CP22, CDRB16, CMC<sup>+</sup>05, Cok16, CKS05, CLPL<sup>+</sup>09, CJF<sup>+</sup>12, CSG<sup>+</sup>13, CGG<sup>+</sup>19, CP02, CBK<sup>+</sup>07, CKB<sup>+</sup>07, CPEN08, CBK<sup>+</sup>22, CMB12, CML<sup>+</sup>14, DF16, DEL<sup>+</sup>17, DAA<sup>+</sup>20, DSD12, DDAH<sup>+</sup>14, DC12, DGK<sup>+</sup>22, DABF<sup>+</sup>16, ENM<sup>+</sup>14, EGL<sup>+</sup>16, EZB<sup>+</sup>20, EBG<sup>+</sup>22, ESWL20, ESDM13, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, FBB<sup>+</sup>13, FHAH16, FMC<sup>+</sup>20, FJR<sup>+</sup>20, FWZM12, FZW<sup>+</sup>13, FAMY20, GEP<sup>+</sup>16, GdRGH<sup>+</sup>14,

GGC19, GM22, GLSK<sup>+17</sup>, GBC<sup>+05</sup>, HPS<sup>+13</sup>, HPL<sup>+12</sup>]. **Bering** [HS13, HSFN13, HSHM02, HGB<sup>+13</sup>, HGB<sup>+16</sup>, HKC<sup>+21</sup>, HRS<sup>+23</sup>, HH20, HBC<sup>+12</sup>, HHH<sup>+22</sup>, HWS<sup>+13</sup>, HSW<sup>+02</sup>, HBJ02, HSSN08, HRK14, HRG<sup>+16</sup>, HBB<sup>+13</sup>, HON<sup>+13</sup>, Hus16, IS07, ITT12, IOTS16, IKR<sup>+12</sup>, ITK<sup>+16</sup>, JHHK14, KHS<sup>+02</sup>, KT05, KBVM13, KAHS20, KKT16, KAM<sup>+20</sup>, KMO09, KGS23, KIM08, KL13, KLD21, KRLH14, KCL20, Lad14, LGC<sup>+12</sup>, LZZ<sup>+16</sup>, LBM<sup>+20</sup>, LS14b, LSOM16, MHO02, Mac08, MMY<sup>+20</sup>, MCM<sup>+14</sup>, MA09, MDH16, MGC<sup>+14</sup>, MLK<sup>+12</sup>, MFS<sup>+23</sup>, MKD23, MCL<sup>+12</sup>, MHG<sup>+17</sup>, NAT<sup>+12</sup>, NBB<sup>+02</sup>, NHCL14, NCK<sup>+22</sup>, NCE<sup>+23</sup>, NSWY20, NYH<sup>+20</sup>, NBCT13, NBBBT13, NZT97, OHT12, OYM<sup>+13</sup>, OM16, OTNT05, OTA<sup>+05</sup>, OSCS04, OS02, OT12, OAH<sup>+16</sup>, OBA02, OWW<sup>+12</sup>, PHH<sup>+16</sup>, PSHF<sup>+13</sup>, PSUH<sup>+16</sup>, PBVC<sup>+16</sup>, PCH<sup>+22</sup>, PC08, PSS<sup>+16</sup>, PAUB19, PRSS23, POA<sup>+16</sup>, RS02, RDW<sup>+12</sup>, RTI<sup>+16</sup>, RBO07, RRK<sup>+20</sup>, RKM<sup>+22</sup>, RKM<sup>+23b</sup>, SMZ<sup>+08</sup>, SBM16, SSK<sup>+23</sup>]. **Bering** [SA18, SSR13, SKS<sup>+23</sup>, SHM13, SZH20, SKR<sup>+12</sup>, SSE<sup>+14</sup>, SNS<sup>+16</sup>, SMB<sup>+17</sup>, SS02, SDAH<sup>+12</sup>, SHR02, SKSW02, SBS07, SFK<sup>+12</sup>, SKM<sup>+12</sup>, SBB<sup>+19</sup>, SGM<sup>+14</sup>, SL12, SHPM14, SF08, SKM<sup>+14b</sup>, SMLS02, SAB08, Tak05, TRO16, TT05, TSOT16, TKF07, TIS<sup>+13</sup>, TTA<sup>+16</sup>, UKM16, UKJ<sup>+20</sup>, VNA<sup>+16</sup>, VCDAL14, WOS12, WBA<sup>+17</sup>, WOM<sup>+16</sup>, WWV12, WWN<sup>+22</sup>, WCS07, YCA<sup>+20</sup>, Zar16, ZWM12]. **beringiensis** [AM22a]. **Bermuda** [Ano96g, BMK96, CRR01, DGN96, MK96, SCB<sup>+01</sup>, ANL13, CFJL96, CRR01, DZY<sup>+01</sup>, DOC01, GOP<sup>+01</sup>, HTD00, HT01, HBCC13, KM96, MHS01, OLG<sup>+01</sup>, RAL<sup>+01</sup>, SWO<sup>+01</sup>, SKM01, SMA01, SMB03]. **beta** [Car07]. **Betamorphia** [RMBW07]. **better** [DLWW23]. **between** [ATM<sup>+07</sup>, Ano97b, Ano05d, AGP05, ASF<sup>+12</sup>, BPD<sup>+11</sup>, BL99, BCBF03, BMK05, BRW00, BKD06, BWAS02, BHSJ16, BGKB06, BKS<sup>+10</sup>, BHS<sup>+10</sup>, CFGR07, CPF<sup>+14</sup>, CFL<sup>+99</sup>, CMT93, CD20, CJF<sup>+12</sup>, CSG<sup>+13</sup>, CBK<sup>+07</sup>, CM01, CBA<sup>+20</sup>, DMFB19, DEL<sup>+17</sup>, DSN<sup>+10</sup>, DONF08, DMW<sup>+07</sup>, DJR<sup>+01</sup>, DJC<sup>+14</sup>, EQW<sup>+13</sup>, FUGG<sup>+09</sup>, GLCU<sup>+17</sup>, GSC<sup>+19</sup>, GSGS01, HBP<sup>+14</sup>, HHMF11, HV98, HSFN13, HGK<sup>+18</sup>, HCG<sup>+09</sup>, HSC<sup>+19</sup>, HWCT11, HD02, JCP05, JRG<sup>+22</sup>, JML08, KNK15, KDU<sup>+10</sup>, KHGL<sup>+02</sup>, KFS<sup>+10</sup>, KSM<sup>+11</sup>, LVJC17, LPZ<sup>+04</sup>, LR97, LMG93, LG98, LW15, LZC<sup>+16</sup>, LW10, LGVK<sup>+14</sup>, LZZ<sup>+16</sup>, LTH05, MDJS11, MGS<sup>+10</sup>, MKB<sup>+10</sup>, MBS05, MCS<sup>+09</sup>, MST<sup>+14</sup>, NRS14, NDG96, OCT<sup>+19</sup>, PBG07, PSK00a, PMM<sup>+94</sup>, PRMM<sup>+17</sup>, RWJ06, RPM07, RW95, RHB<sup>+95</sup>, RNB07, SWR<sup>+95</sup>, SCGDU09, SLT<sup>+11</sup>, SFR<sup>+06</sup>, SRC98, SLP<sup>+09</sup>, SIS<sup>+02</sup>, SH16, SDMS06, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, SZS<sup>+07</sup>]. **between** [SLB<sup>+15</sup>, JMP<sup>+19</sup>, TDvdE<sup>+10</sup>, UPS04, VRL<sup>+02</sup>, WMS<sup>+96</sup>, WCL<sup>+15b</sup>, YSAER25, YFL<sup>+23</sup>, YD09, YK05, ZJFV15, ZGGF22, ZSB01, vdLBB<sup>+02</sup>, vdMLB<sup>+11</sup>]. **Beyond** [GAHD<sup>+17</sup>, Phi17, HD17]. **BGC** [CSZ<sup>+25</sup>, DS24]. **BGC-Argo** [CSZ<sup>+25</sup>, DS24]. **bias** [WCJ<sup>+11</sup>]. **biases** [LWS21]. **bibliography** [EG96]. **biennial** [MV19]. **Bifurcation** [PUB<sup>+06</sup>]. **bigeye** [DKP<sup>+17</sup>]. **bigger** [MCH<sup>+13</sup>]. **Bight** [Beg18, BWH<sup>+17</sup>, KFF<sup>+94</sup>, PvrR18, WAP<sup>+18</sup>, ARC02, AFB<sup>+94</sup>, ARK<sup>+94</sup>, BBB94, BPM18, BA94, Bis94, BPD<sup>+15</sup>, BY04, CZVR02, CP03, DOBH02, DTB<sup>+02</sup>, DSvR<sup>+18</sup>, EMEP18, EPHE18, FWS94, FHP94, FPW02, FKS18,



FBPG18, HRM<sup>+</sup>18, HFP94, LSUB94, MBG18, OGRdO18, Pas18, PHE<sup>+</sup>18, RTFB09, SPF<sup>+</sup>94, VCR02, Wal94a, WAM<sup>+</sup>18, Wir94, vRPD<sup>+</sup>18]. **bights** [PMM<sup>+</sup>94]. **bijuga** [RRS<sup>+</sup>98]. **billed** [TMH<sup>+</sup>08, WTI<sup>+</sup>20]. **billfish** [CWSH20, YHC<sup>+</sup>11]. **billfishes** [LH15]. **Bimodal** [LL14]. **binding** [BBB13, GBL<sup>+</sup>08, Sei13]. **Bio** [Ano07c, BRPI02, FCG18, Fig02, FWM<sup>+</sup>11, HBM<sup>+</sup>07, KGB06, MAA<sup>+</sup>04, MAA<sup>+</sup>05, Pon07, PVT<sup>+</sup>21, RTM<sup>+</sup>20, SWO<sup>+</sup>01, dCHdOF<sup>+</sup>18, AL98, ARLB00, ANS<sup>+</sup>11, BBLS14, DMS<sup>+</sup>98, DNK<sup>+</sup>08, ELP13, HWS<sup>+</sup>98a, IHSS<sup>+</sup>10, JBB<sup>+</sup>13, KMD<sup>+</sup>99, KFS<sup>+</sup>17, KBE<sup>+</sup>04, LBV<sup>+</sup>08, MFH04, NTK<sup>+</sup>09, PTA<sup>+</sup>99, SSI<sup>+</sup>99, SCM<sup>+</sup>08, WMC06, WTSP07, MPS<sup>+</sup>21, PPR<sup>+</sup>20b]. **bio-** [LBV<sup>+</sup>08]. **Bio-Argo** [PVT<sup>+</sup>21, MPS<sup>+</sup>21, PPR<sup>+</sup>20b]. **bio-availability** [NTK<sup>+</sup>09]. **bio-diversities** [KFS<sup>+</sup>17]. **bio-loggers** [JBB<sup>+</sup>13]. **Bio-logging** [Ano07c, HBM<sup>+</sup>07, Pon07, ELP13]. **Bio-optical** [BRPI02, FCG18, Fig02, FWM<sup>+</sup>11, KGB06, MAA<sup>+</sup>04, MAA<sup>+</sup>05, SWO<sup>+</sup>01, AL98, ARLB00, DMS<sup>+</sup>98, DNK<sup>+</sup>08, IHSS<sup>+</sup>10, KMD<sup>+</sup>99, KBE<sup>+</sup>04, MFH04, PTA<sup>+</sup>99, SSI<sup>+</sup>99, SCM<sup>+</sup>08, WTSP07]. **bio-optics** [BBLS14, HWS<sup>+</sup>98a]. **Bio-physical** [RTM<sup>+</sup>20, dCHdOF<sup>+</sup>18, ANS<sup>+</sup>11, WMC06]. **Bioaccumulation** [BIP<sup>+</sup>02, KSDE16]. **Bioactive** [BLO<sup>+</sup>17, NEN<sup>+</sup>07]. **Bioavailability** [GWZ16, DB05, NKF<sup>+</sup>10]. **bioavailable** [Rai11]. **biochemical** [ABC<sup>+</sup>04, BHS<sup>+</sup>10, CKJ<sup>+</sup>16, CKL03, DM16a, FLLGR04, HJS<sup>+</sup>10, HPL<sup>+</sup>12, JKP<sup>+</sup>17, KJL<sup>+</sup>17, MiSW08, PVK<sup>+</sup>20]. **Biocomplexity** [NL11]. **biodegradability** [BS01]. **Biodegradation** [SKD<sup>+</sup>16, LAPL<sup>+</sup>16]. **Biodiversity** [AFC<sup>+</sup>17, CPA<sup>+</sup>11, DCH04, GLMB18, GBD<sup>+</sup>11, LGBC06, MB13, MCB18, MDC<sup>+</sup>10, MBG<sup>+</sup>24, NG10, SLdB<sup>+</sup>15, ALSF<sup>+</sup>17, BDG<sup>+</sup>04, BBB<sup>+</sup>07, BE09, BEB11, BM15, CHS17, EMG<sup>+</sup>15, EAB<sup>+</sup>20, GCKC07, GDC11, LMG17, LdSN<sup>+</sup>18, Lut09, MWF<sup>+</sup>19, MMS25, NG07, OFV09, OPDM11, PGZ<sup>+</sup>09, RE98, RKB18, Rog00, SGB14, SO98, SV09, Sig17, SLM98, TDCV<sup>+</sup>06]. **Bioenergetic** [MBC<sup>+</sup>09b]. **bioenergetics** [DSBS20, KKUK10]. **bioerosion** [BFT10]. **biofilms** [BGCH20, OGG<sup>+</sup>15]. **Biogenic** [BAD<sup>+</sup>97, Cri95, KNB11, QB02, RGTv97, VQ97a, VQ97b, ZWC<sup>+</sup>15, AAMF<sup>+</sup>02, BSB<sup>+</sup>99, BBA<sup>+</sup>01, CAFK03a, CDH<sup>+</sup>00, DURP03, DeM02, DBN<sup>+</sup>11, FBS94, FGW02, FPB04, GRD<sup>+</sup>08, GBP00, HTML98, HML99, HM93, ITK<sup>+</sup>16, JDS<sup>+</sup>08, KBV<sup>+</sup>97, KWW<sup>+</sup>12, KLD21, LGHD20, LSST20, LQF<sup>+</sup>02, MHB<sup>+</sup>95, MDT<sup>+</sup>08, NAB<sup>+</sup>02, NW01, NRM<sup>+</sup>99, PSK00a, RBP<sup>+</sup>94, RSR<sup>+</sup>00, SSH<sup>+</sup>02, SVC<sup>+</sup>08, SVR<sup>+</sup>00, SMCA01, SL94, SNIT02, STD<sup>+</sup>20, SBD<sup>+</sup>97, SAB<sup>+</sup>07, TRWB99, VSR<sup>+</sup>00, WKM<sup>+</sup>07a]. **Biogeochemical** [Ano99a, Ano05c, AMN<sup>+</sup>02b, BMO93, CGG<sup>+</sup>12, CMW<sup>+</sup>05, CW97, CVM<sup>+</sup>01a, CVM<sup>+</sup>01b, DCSV19, GHGMI05, HWC07, JBS<sup>+</sup>10, MGS<sup>+</sup>10, QTPS97, STN<sup>+</sup>09, SDKH03, SHC<sup>+</sup>00, SMB03, TIKS03, ZHX<sup>+</sup>16, BSG<sup>+</sup>11, Bat01, BTFB12, BNM08, BGS<sup>+</sup>08, CSZ<sup>+</sup>25, CM03, CLMK13, CWS<sup>+</sup>23, CL09, DRD06, DZY<sup>+</sup>01, DGR19, DGT14, FML<sup>+</sup>93, Gai97, Gre01, GGSC03, HKR<sup>+</sup>01, HMGD17, HLL<sup>+</sup>10, Hat02b, Hei02, HLM<sup>+</sup>01, JBC<sup>+</sup>21, KHL<sup>+</sup>15, LWLS98, LCS<sup>+</sup>06, LPSS03, LCL<sup>+</sup>10, LBJ<sup>+</sup>13, MGH<sup>+</sup>16, MDTG13, NC97,

PMJ20, PLR02, RTFB09, SKM01, SSP<sup>+</sup>06, SH10, SLP<sup>+</sup>17, TVL<sup>+</sup>00, TO95, TCH<sup>+</sup>16, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, WCMB06]. **biogeochemistries** [GMLB99]. **Biogeochemistry** [Bau02, HC01, MGR<sup>+</sup>03a, NG07, RI25, WSLC15, XGF18, AF01, BBLS14, Boy02, BG09a, BAR<sup>+</sup>02, CVM<sup>+</sup>01b, CW09, CCFL01, DGK<sup>+</sup>22, DKS03, DWJ<sup>+</sup>15, GAL<sup>+</sup>12, GAL<sup>+</sup>20, JAM<sup>+</sup>14, KGHA<sup>+</sup>01, KGB06, LCvdM<sup>+</sup>16, MSD<sup>+</sup>18, MNPT06, NTA<sup>+</sup>10, NL11, PLS<sup>+</sup>10, PL00, RZS<sup>+</sup>16, RSA<sup>+</sup>10, SM96a, SDB<sup>+</sup>97, SCB<sup>+</sup>01, SBvdL<sup>+</sup>02, VCSM09, WWW<sup>+</sup>02, WKM<sup>+</sup>07c, WRS99]. **Biogeographic** [Wat09, CPF<sup>+</sup>14, PB08, WSF<sup>+</sup>24, WAP<sup>+</sup>18]. **Biogeographical** [STD<sup>+</sup>20, AM22b, BVB14a, VTD24]. **Biogeography** [CHG20, JNBj17, KB15, PWN<sup>+</sup>11, RLGG07, SO98, AM24, BCVCHW04, BTM<sup>+</sup>98, BKS<sup>+</sup>10, GO10, GCKC07, GAJ<sup>+</sup>13, HPN<sup>+</sup>12, HXC<sup>+</sup>22, LGBC06, OA11, TB98]. **biogeography-based** [HXC<sup>+</sup>22]. **Biography** [EG96]. **Biological** [CGG<sup>+</sup>19, DPLB94, Dia04, EMB<sup>+</sup>22, EDF<sup>+</sup>04, ECD<sup>+</sup>17, GMCf19, Hin09, KTP<sup>+</sup>20b, KCO<sup>+</sup>19, LMDW06, MQ01, MPH<sup>+</sup>95, MLS<sup>+</sup>06, MK19, PST<sup>+</sup>05, SID19, SVS<sup>+</sup>20, SBB<sup>+</sup>19, TRM<sup>+</sup>07, AST<sup>+</sup>05, ACFS02, ANS<sup>+</sup>11, ARF<sup>+</sup>13, BNM<sup>+</sup>07, BL99, BLSW05, BB09, BNM08, BCW03, BLD<sup>+</sup>06, BL08, BHS<sup>+</sup>10, CCG04, CHU<sup>+</sup>00, CBSS02, CWTJ03, CPC<sup>+</sup>03, CL09, CJM<sup>+</sup>22, DLR<sup>+</sup>01, Dan95, DSN<sup>+</sup>10, DHS<sup>+</sup>14, DP07, DP99, DGN96, DGT14, DJC<sup>+</sup>14, DC96, ELB<sup>+</sup>02, Eck94, FVSRR14, FC01, GMR<sup>+</sup>05, GLF<sup>+</sup>03, GFW07, GHB<sup>+</sup>05, HV98, HBC<sup>+</sup>23, HIA<sup>+</sup>16, HIN<sup>+</sup>02, HKMS03, HBM<sup>+</sup>07, HAD19, JCD<sup>+</sup>03, JAM<sup>+</sup>14, KSBK01, KBVM13, KRG<sup>+</sup>01, KND<sup>+</sup>08, LBSB<sup>+</sup>17, LR97, LBD<sup>+</sup>02, LAP<sup>+</sup>17, LMG17, LDG94, LNDH<sup>+</sup>17, MSF<sup>+</sup>22, MALT05, MBLM03, MKS<sup>+</sup>20, MNR<sup>+</sup>11, MPH<sup>+</sup>16, MFE<sup>+</sup>02, MWB95, NKD<sup>+</sup>08, NPBS00, NW01, NZT97, PBFS06, PWTH15, PWMC01, PPRHLF02, PGK14, RLB<sup>+</sup>18a, RPB02]. **biological** [RB06, RSB<sup>+</sup>17, RD16, SM00, SH99c, SRC98, SNMH18, SFV<sup>+</sup>98, SMSA05, SCQ<sup>+</sup>09, SYB<sup>+</sup>11, TSS<sup>+</sup>02, Tho04, TLMT97, WRZ<sup>+</sup>19, WHNS04, WB96, WBBM01, YHC<sup>+</sup>11]. **biological-physical** [DGN96, LDG94]. **biological/oceanographic** [CHU<sup>+</sup>00, NPBS00]. **biological/physical** [DP99]. **biologically** [CWWB04, FLTV97]. **Biology** [BKPA06, CG15, DCA<sup>+</sup>98, GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10, MBD<sup>+</sup>17, PDH<sup>+</sup>11, Urb20, CHS17, FARLR<sup>+</sup>13, GTSC08, HSBT19, KP10, KVMO25, LH08, MT11, MEB<sup>+</sup>23, NB10, Phi17, QRE<sup>+</sup>17, ROS<sup>+</sup>17, SCB<sup>+</sup>01, TPW07, VAM97, WYL<sup>+</sup>20]. **Bioluminescence** [MBC<sup>+</sup>09a, HIK<sup>+</sup>08]. **bioluminescent** [GDD<sup>+</sup>09]. **biomagnification** [FHT<sup>+</sup>14, FTT<sup>+</sup>17]. **Biomarker** [LLH<sup>+</sup>15, BNP<sup>+</sup>09, PDS00, SHS<sup>+</sup>12, WPHL02]. **Biomarker-derived** [LLH<sup>+</sup>15]. **biomarkers** [BGG<sup>+</sup>09, FBBW<sup>+</sup>10, SNIT02, WHL<sup>+</sup>97, WLP<sup>+</sup>09, YBHM05]. **Biomass** [GLLC04, HWN<sup>+</sup>04, HKY<sup>+</sup>16, KRB95, LDHI93, MSK<sup>+</sup>06, NMC<sup>+</sup>07, RHB<sup>+</sup>04, TLSY11, VALM17, WDKC00, Ake19, ACBMQ08, AGAB19, ALR<sup>+</sup>14, ASFI02, BMHR08, BPD<sup>+</sup>11, BSK<sup>+</sup>97, Bec97, BWS<sup>+</sup>98, BGB08, BDL<sup>+</sup>14, BSSK<sup>+</sup>08, BL00, BH97, BSL08b, BFS<sup>+</sup>17, BL01b, CTBNL08, CSW<sup>+</sup>17, CLSS15, CAC<sup>+</sup>97, CJF<sup>+</sup>12, CBK<sup>+</sup>07, CPEN08, CBA<sup>+</sup>05, DLLK15, DLR11, Dem04, DC08, DCM<sup>+</sup>99, DB97a, DKI<sup>+</sup>00, ESK06,

EGL<sup>+</sup>16, FLLGR04, FMS08, FPB04, FC09, GVW<sup>+</sup>19, GGC19, GS08, GFS99, Gra09, HAH<sup>+</sup>01, HHH01, HZL<sup>+</sup>12, HKN<sup>+</sup>04, HHNK<sup>+</sup>04, HP08, HSZS17, KFG<sup>+</sup>03, KMDW01, KLM<sup>+</sup>02, KMK<sup>+</sup>20, KWW04, KWW<sup>+</sup>12, KSM<sup>+</sup>11, KSS<sup>+</sup>00b, LB07, LAMS<sup>+</sup>01, LDS<sup>+</sup>08, LHD<sup>+</sup>22, LJHAA19, LWSA08, LWAS08, MPZ04, MC05, MPH<sup>+</sup>95, MGHN01, MHS01, MC09, MBMM<sup>+</sup>99, MGK19, MNSMN<sup>+</sup>04, MAT<sup>+</sup>12, MNV<sup>+</sup>20, MPTW11, NMK<sup>+</sup>20, OHK<sup>+</sup>02, PF02, PAVGBG02, Pee97, PHH<sup>+</sup>06, RRMM05, RVJG<sup>+</sup>02]. **biomass** [RVJG<sup>+</sup>05, RWN<sup>+</sup>08, SCD14, SOS01, SBSH99, SBP13, SMHB00, SDKH03, SMS<sup>+</sup>08, SWSL14, SNW08, SPH<sup>+</sup>08, TOSH08, TSW<sup>+</sup>12, TLSW15, TRB98, UKM16, VSGM03a, VSGM03b, VGBGPA02, VFS02, VSS<sup>+</sup>93, WSE<sup>+</sup>16, WMW<sup>+</sup>20, WZW<sup>+</sup>95, WJD<sup>+</sup>00a, WJD<sup>+</sup>00b, WGG98, Yal01, YCA<sup>+</sup>20, YBC<sup>+</sup>17, ZJH08, ZSKL19, ZWJ<sup>+</sup>19, ZXLL10, vC97]. **biomes** [SDB<sup>+</sup>18]. **biomimetic** [AWL<sup>+</sup>09]. **biominerals** [ILWH03]. **BioOptics** [SWO<sup>+</sup>01]. **Biophysical** [GWR93, SRW<sup>+</sup>10, YSC<sup>+</sup>20, DS24, HHD<sup>+</sup>09, HGB<sup>+</sup>13, HGB<sup>+</sup>16, HCG<sup>+</sup>09, JRG<sup>+</sup>22, Rai14, SS05a, SS05b, SHB14, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a]. **Biopolymer** [TGRB02]. **bioproductivity** [MT15]. **bioregional** [FKS18]. **Bioregionalization** [HSR<sup>+</sup>22]. **bioregions** [WAV<sup>+</sup>12]. **Biosonar** [RAT<sup>+</sup>13]. **biosphere** [GFK24, LWWF18]. **biostratigraphy** [Hus16, IOTS16, OSHB07, TSOT16]. **biota** [GFS99, HTPM14, HDF<sup>+</sup>01, MS18, PSK00a, PFG<sup>+</sup>03, SRB<sup>+</sup>11]. **biotag** [BKST13]. **biotic** [JB01, MPB<sup>+</sup>18]. **biotopes** [DHS<sup>+</sup>14, MG22]. **BIOTRANS** [Pfa93]. **Bioturbation** [GAC<sup>+</sup>02, MMWM00, SKM14a, STWW01, TWG00, CAC<sup>+</sup>97, DCR94, ESDM13, GSW99, MDTS08, PDSS96, SMB<sup>+</sup>98, SLH<sup>+</sup>00, YCT<sup>+</sup>22]. **biovolume** [CLB13, ZSZ<sup>+</sup>19]. **biramosa** [Gol18]. **bird** [CRI18, JVDH08, KRW03, ZPG14]. **birds** [CTH<sup>+</sup>98, GSK96, HDJP05, MK19, SBA18, YSBH06]. **Birstein** [Mal15]. **birsteini** [BPKJ15, GMB18]. **Biscay** [CMP14, CWJ99, EBM<sup>+</sup>25, FGF<sup>+</sup>14, GBDM<sup>+</sup>14, LPS14, Sor99, AGGdC14, BH99a, CFR<sup>+</sup>14, CFL<sup>+</sup>99, EWP<sup>+</sup>99, EEAA<sup>+</sup>19, ERB<sup>+</sup>99, FCP99, FS14, GSP14, GLM04, HHH<sup>+</sup>14, HdMR<sup>+</sup>99, JWCC99, LUV99, LFPC14, LAB<sup>+</sup>17, PLA<sup>+</sup>17, Pin93, PGS14, RH99, SHD<sup>+</sup>14, SGI<sup>+</sup>19, SWDB<sup>+</sup>14, SE14, VLP<sup>+</sup>17, WC01b, WC01a, dLC<sup>+</sup>14, dMCNC99, vdBGM<sup>+</sup>17]. **Bivalve** [Kam18, BBS<sup>+</sup>20, GGC19, MGK19, TMBTS09]. **bivalves** [BLM<sup>+</sup>10, BSW<sup>+</sup>13, CMVS<sup>+</sup>10, GGCM17, Kam13, Kam15, KCD<sup>+</sup>17, Lin04, SW09, YBC<sup>+</sup>17]. **Bivalvia** [SGB14, BBAL<sup>+</sup>20, KKVP15, LVJC17, vCO09]. **biweekly** [RSSM19]. **Black** [HM06, KBE<sup>+</sup>04, MCK<sup>+</sup>19, CCM<sup>+</sup>20, EWF<sup>+</sup>18, HZWW16, KFTE14, LAÁ<sup>+</sup>14, RVC<sup>+</sup>13a, ROS<sup>+</sup>17, VM13, WSP19, CBBM12, ÇYFB<sup>+</sup>06, ÇYAYT06, ESK06, GLK<sup>+</sup>06a, GLK<sup>+</sup>06b, KFK06, KMLT06, KOR06, MQD06, Mur06, OE06, POI17, RTC06, UFAK06, Uys06, WYPY06, YCD<sup>+</sup>06, YET06, YÇYTKB06]. **black-footed** [WSP19]. **black-legged** [VM13]. **Blake** [SS99a, WMB<sup>+</sup>13]. **Blanco** [BPS00, vGTG<sup>+</sup>00]. **Blanes** [AFC<sup>+</sup>17]. **bleaching** [SYK<sup>+</sup>13]. **Bleeker** [SNH<sup>+</sup>23, SWK<sup>+</sup>23]. **Bligh**

[NHH<sup>+</sup>13]. **block** [FR10, MP94]. **Blocking** [SWO10]. **Blood** [Sei13]. **Bloom** [DMJ93, GG93, LDFS93, PSL507, ARLB00, APL<sup>+</sup>23, AKM<sup>+</sup>05, AS95, BBL514, BEGC04, BMGF93, BCDV02, BFG<sup>+</sup>10, BM07, BFK<sup>+</sup>14, BL01b, BNFS01, BAR<sup>+</sup>02, CTBNL08, CGM<sup>+</sup>07, CCS<sup>+</sup>16, CKJ<sup>+</sup>16, CWS<sup>+</sup>23, CFL<sup>+</sup>16, CCH95, DD95, DKGT04, DH93, DKQ<sup>+</sup>93, DCC<sup>+</sup>01, FD01, FS02, FBCP01, GWR93, GSB<sup>+</sup>23, HBSL01, HOD<sup>+</sup>09, HHH<sup>+</sup>93, HKY<sup>+</sup>16, IGN<sup>+</sup>10, IHSS<sup>+</sup>10, IPH<sup>+</sup>17, JCF<sup>+</sup>06a, JCF<sup>+</sup>06b, JBM<sup>+</sup>08, KAHS20, KYI10a, KYI10b, KUN10, KIN<sup>+</sup>10, KMO<sup>+</sup>10, KS10, LS14a, LMG93, LDHI93, LL95, LYN<sup>+</sup>13, LDGH16, LHZJ13, LXS<sup>+</sup>13, LSS<sup>+</sup>07, MSF<sup>+</sup>22, MH93, MFG<sup>+</sup>93, MLH14, MMT08, MSH<sup>+</sup>07, MHP<sup>+</sup>07, MZR<sup>+</sup>95, MSTT07, MKS<sup>+</sup>02, NKF<sup>+</sup>10, NSY04, NRS14, NKB95, NED09, OM14, OCL<sup>+</sup>08, OE06, OHS10, OT10, OS02, ORFA<sup>+</sup>14, PSA14, PA95, PVRA07, RWR<sup>+</sup>02, RMC<sup>+</sup>93, RWZ<sup>+</sup>02, RMPI<sup>+</sup>17, STN<sup>+</sup>06, SLS<sup>+</sup>07, SVC<sup>+</sup>08, SF10, SVS93, SSLA95, SLT<sup>+</sup>14, SPB<sup>+</sup>14, SMGB02, SMGB03, SFB16]. **bloom** [SDLZ13, SKH<sup>+</sup>10a, TS93, TFR<sup>+</sup>10, TSN<sup>+</sup>06, VPA<sup>+</sup>20, VKGP<sup>+</sup>11, VPP07, VSS<sup>+</sup>93, WCH<sup>+</sup>93, WGR<sup>+</sup>95, WABW02, WLD<sup>+</sup>06, WTZ02, WLH<sup>+</sup>16, Wya14, YOK<sup>+</sup>10, YOO<sup>+</sup>10, YK04, YOI<sup>+</sup>09, ZZX<sup>+</sup>13, vdLBB<sup>+</sup>02, BFF<sup>+</sup>10, KCMA05, RFB97]. **bloom-forming** [SKH<sup>+</sup>10a]. **bloom-recurrent** [BFG<sup>+</sup>10]. **Blooms** [Ano05a, KCA05, AMvD<sup>+</sup>12, AGPR95, AKK<sup>+</sup>14, APP<sup>+</sup>14, BLB<sup>+</sup>02, CMBPM04, DLG<sup>+</sup>14, DRD06, DVS<sup>+</sup>97, DPS<sup>+</sup>14, DTP<sup>+</sup>05, GAL<sup>+</sup>12, GAL<sup>+</sup>20, HK08, HKO<sup>+</sup>17, JLR<sup>+</sup>13, LLK05, LvDA14, LPM<sup>+</sup>15, LG15, MPS<sup>+</sup>21, MTK<sup>+</sup>14, OS04, PTD<sup>+</sup>14, PGS14, PSAY20, RBMY14, SAVP12, SSE<sup>+</sup>14, SMSA05, SNW08, SBH<sup>+</sup>01, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, TSZT13, TAL<sup>+</sup>12, TPT05, TMTR14, TB05, TDKA05, VABCR<sup>+</sup>24, YNG<sup>+</sup>16, ZAC<sup>+</sup>15, ZZZ<sup>+</sup>16, ZXH<sup>+</sup>13]. **blowout** [HSB<sup>+</sup>16, Joy16, JBÖ<sup>+</sup>16, LAPL<sup>+</sup>16, WPB<sup>+</sup>16, YNG<sup>+</sup>16]. **blubber** [FPHH<sup>+</sup>09]. **Blue** [BCB<sup>+</sup>18, FRH<sup>+</sup>98, BRG17, BOH<sup>+</sup>04, ECM<sup>+</sup>06, MGJ<sup>+</sup>18, SHW<sup>+</sup>04, SH11b, TSSR20]. **Bluefin** [KHT<sup>+</sup>20, BFDB17, EMEP18, EPHE18, GLCU<sup>+</sup>17, HHMF11, IABR<sup>+</sup>17, KOT<sup>+</sup>20, NDD<sup>+</sup>14, PHE<sup>+</sup>18, RSB<sup>+</sup>17]. **bluntnose** [CW15]. **BNL** [BSP00]. **Board** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, DB16, BM15, HZK<sup>+</sup>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, Ano24i, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano25b, Ano25c]. **Bodega** [DDLK06, DWHM06, KL06, KKD06]. **Bodies** [Bro19]. **Body** [BZMC20, LBE06, MCBC08, DKP<sup>+</sup>14, GEP<sup>+</sup>16, RE98, VM13]. **Bohai** [NLS<sup>+</sup>10, XZM<sup>+</sup>23]. **boiling** [BAC<sup>+</sup>02]. **boiling-water** [BAC<sup>+</sup>02]. **Bomb** [KMS<sup>+</sup>02, DTB<sup>+</sup>02]. **bombs** [KCTG16]. **Bone** [ALSF<sup>+</sup>17, ACD<sup>+</sup>17]. **Bone-eating** [ALSF<sup>+</sup>17]. **bones** [QRE<sup>+</sup>17]. **boobies** [YKN07]. **border** [YLG<sup>+</sup>18]. **Borderland** [HZMH07, WCK<sup>+</sup>18, HHH<sup>+</sup>15]. **boreal**

[DSW20, PFPJ<sup>+</sup>09]. **boreal/Arctic** [DSW20, PFPJ<sup>+</sup>09]. **borealis** [AI09, MHM<sup>+</sup>14, NA09]. **Boreogadus** [CMNO23, CSS<sup>+</sup>22b, DTWF17, EG0022, HTPM14, HCAK17, MEB<sup>+</sup>23, ODR<sup>+</sup>09]. **Börje** [EG96]. **born** [KNB<sup>+</sup>24]. **Bornholm** [BRSB16]. **Boston** [MS09]. **both** [HHKH<sup>+</sup>04]. **bottle** [LLB<sup>+</sup>00, LCL<sup>+</sup>09, SGP<sup>+</sup>11, TRM<sup>+</sup>15, ZOB<sup>+</sup>96]. **bottles** [GRC<sup>+</sup>03, SHF<sup>+</sup>95]. **Bottom** [ACSG15, DGN<sup>+</sup>17, GZGH22, GMS<sup>+</sup>02, LB93, NGS<sup>+</sup>15, PHOM09, PG97, SFW<sup>+</sup>13, ABS<sup>+</sup>14, BN05, BBLE24, BRSB16, CBCT09, CIMT19, CMH<sup>+</sup>20, DPK<sup>+</sup>14, DBDT03, DBL<sup>+</sup>19, EBG<sup>+</sup>11, EWP<sup>+</sup>99, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, GBG15, HB03, HMLS<sup>+</sup>06, HTM<sup>+</sup>03, HHR<sup>+</sup>08, IMP<sup>+</sup>02, KM98, KL13, LNJ<sup>+</sup>00, Led93, LWC05, LSM96, LAT<sup>+</sup>18, MPV<sup>+</sup>11, MISC<sup>+</sup>02, MCM<sup>+</sup>14, MAK<sup>+</sup>16, MDTS08, MHK<sup>+</sup>03, NC97, PR05, RVD<sup>+</sup>10, SHA02, SKGD14, SMS20, SS99a, SL12, TWL<sup>+</sup>15, TIS<sup>+</sup>13, WCB98, ZWM12, ZDA<sup>+</sup>16, KNK15]. **bottom-current** [Led93]. **bottom-following** [PR05]. **Bottom-up** [NGS<sup>+</sup>15, SFW<sup>+</sup>13]. **bottom-water** [HHR<sup>+</sup>08, LAT<sup>+</sup>18]. **bottom-waters** [LSM96]. **bottoms** [DCH04]. **Bougainvilliidae** [SC15]. **bound** [CSS<sup>+</sup>02, MP99, MGC<sup>+</sup>14]. **boundaries** [BM17, CCM15, JCP17, MHC<sup>+</sup>10, WSF<sup>+</sup>24]. **Boundary** [Car01, CK03, JDBP<sup>+</sup>05, KHGL<sup>+</sup>02, LOA13, MS06b, MJG<sup>+</sup>13, PLRV22, RMBG11, RFQ99, RMK<sup>+</sup>14, Sor99, SHKW05, TCJ<sup>+</sup>11, AFB<sup>+</sup>94, BGS98, BS98, BB98, BVB<sup>+</sup>14b, CBW01, DDL06, DJCF09, EWG94, FKS18, JDL<sup>+</sup>22, KNB<sup>+</sup>24, KFJ<sup>+</sup>05, LS04, LYL22, LBB11, MMS<sup>+</sup>16, MRC05, NPF<sup>+</sup>09, NZT97, OKY<sup>+</sup>17, Ou05, PSK<sup>+</sup>00b, PC98, RRL<sup>+</sup>14, RF99, SS09, SHFM01, SHM<sup>+</sup>20, SS99a, SM01, WSF<sup>+</sup>24, Wir94]. **boundary-layer** [DDL06, KFJ<sup>+</sup>05]. **Bowers** [OTN16, SKS<sup>+</sup>16, WOM<sup>+</sup>16]. **bowhead** [COQ<sup>+</sup>18, DCF<sup>+</sup>18, MSM10, OCP18, SCGB18]. **box** [CWJ99, FB15, PCDM11, LRM<sup>+</sup>02, VLR<sup>+</sup>02]. **BP** [HSB<sup>+</sup>16, RTI<sup>+</sup>16]. **Br** [GAC<sup>+</sup>02]. **brachycephalum** [BKPA06]. **Brachyura** [VAM97]. **Brahmaputra** [CRP<sup>+</sup>05]. **Branchiopoda** [dLC<sup>+</sup>14]. **brandtae** [MGE13]. **Bransfield** [BIP<sup>+</sup>02, BTP<sup>+</sup>18, Fig02, GCR<sup>+</sup>02, LAF<sup>+</sup>02, MISC<sup>+</sup>02, PIP<sup>+</sup>02, RVZ02, VFS02, ÁRR02, BCDV02, CR06, DÁSCP02, GGLP02, LHKHH10, ME02, vCHM18]. **Brazil** [FYS<sup>+</sup>17, GSMG04, HO99, IATK17, MAR<sup>+</sup>17, NGF09, PFAZL09]. **Brazilian** [AL14, MTG18, NKA<sup>+</sup>11]. **breach** [WWN<sup>+</sup>22]. **break** [AAG02, CBCT09, CJF<sup>+</sup>12, HLM<sup>+</sup>01, JWC<sup>+</sup>01, LWL<sup>+</sup>16, MiSW08, SHM<sup>+</sup>01]. **break-slope** [AAG02]. **break-up** [CJF<sup>+</sup>12]. **breaking** [Pap05b, YWW23]. **breakup** [KWT<sup>+</sup>16]. **breccia** [PPR<sup>+</sup>20a]. **breeding** [CWEHT22, EQW<sup>+</sup>13, HPS<sup>+</sup>13, NCR<sup>+</sup>08, WTT<sup>+</sup>20]. **brevis** [LWZ<sup>+</sup>23]. **bridges** [BHC<sup>+</sup>17]. **Bridging** [KR07]. **brief** [BMO93, CPM<sup>+</sup>18, DFF02, LPSS03, SD08, TZ09]. **brine** [ABG<sup>+</sup>20, GDL22, WJS<sup>+</sup>10]. **brines** [CRS<sup>+</sup>19]. **Bringing** [SCQ<sup>+</sup>09]. **Brinton** [MFL10]. **Brisingenes** [Mah16]. **brisingid** [Mah16]. **Bristol** [ARWM13]. **British** [DCS<sup>+</sup>18, HBCG14, PDC<sup>+</sup>99, WWB04, HSBT19, KM15, MY99, MPZ04, NDE14, Pin93]. **Brittle** [SN00]. **Broad**

[DLR11, TDCV<sup>+</sup>06, JKK<sup>+</sup>10, MLW<sup>+</sup>01]. **Broad-scale**  
 [TDCV<sup>+</sup>06, JKK<sup>+</sup>10, MLW<sup>+</sup>01]. **BROKE** [NPBS00, JFK<sup>+</sup>10, NMR10, PMJW10, SKH10b, VJP<sup>+</sup>10, WGMW10, WNA<sup>+</sup>10, WRBS10, WvdE00].  
**BROKE-West** [JFK<sup>+</sup>10, NMR10, PMJW10, SKH10b, VJP<sup>+</sup>10, WGMW10, WNA<sup>+</sup>10, WRBS10]. **Brøndsted** [JR11]. **brood** [GGTMG<sup>+</sup>10]. **brooding** [MP17]. **Brought** [KVM025]. **brown** [YKN07]. **Brunhes** [LSOM16].  
**Bruno** [BCD<sup>+</sup>09]. **Bryozoa** [GC18]. **bryozoan** [Gri13, GC15]. **bubble** [DME<sup>+</sup>18]. **bubbles** [SE96]. **bubbling** [TCG<sup>+</sup>18]. **bubbly** [GK04].  
**budegassa** [LAÁ<sup>+</sup>14]. **budget**  
 [ARK<sup>+</sup>94, AL13, CMG<sup>+</sup>12, CMT93, CWS<sup>+</sup>23, CML<sup>+</sup>14, DeM02, EOB03, FCG18, FWR<sup>+</sup>02, HXF<sup>+</sup>23, JCD<sup>+</sup>03, JBM<sup>+</sup>08, JWCC99, KMLT06, LTS<sup>+</sup>97, MQ01, RCL<sup>+</sup>09, RH99, SAM96, VGF02, vWMR<sup>+</sup>17]. **budgets**  
 [BAD<sup>+</sup>97, BHS<sup>+</sup>10, CBJ<sup>+</sup>23, DRS10, GSB<sup>+</sup>23, KLKB95, LLLP<sup>+</sup>03, MC13, NAB<sup>+</sup>02, OMY<sup>+</sup>03, RJWD01, SJM02, TWN<sup>+</sup>06, ZQ97]. **buffer** [FHR<sup>+</sup>11].  
**build** [DDB<sup>+</sup>17, DSE<sup>+</sup>14]. **build-up** [DDB<sup>+</sup>17, DSE<sup>+</sup>14]. **building**  
 [GIPLL<sup>+</sup>14, HSSH23, PSB14, SF24]. **Bulk** [CCH95]. **bungii** [KTSI07]. **Buoy**  
 [DDLK06, AGGdC14, KKD06, NMW<sup>+</sup>09]. **buoyancy** [BY09]. **buoyant**  
 [Gou05, Ou05]. **buoys** [Grü99, LMLC<sup>+</sup>17]. **burden** [DKP<sup>+</sup>14]. **burdens**  
 [SW08]. **burial** [ASBM02, Cra97, DTB<sup>+</sup>02, IMP<sup>+</sup>02, KBV<sup>+</sup>97, SMCA01].  
**buried** [SSAF02]. **Burnard** [Ano18]. **Bussol** [BAF<sup>+</sup>18]. **bycatch**  
 [LS17, RSGC25, YLG<sup>+</sup>18]. **Bythitidae** [MGN<sup>+</sup>18].

**C** [Ano97b, Ano97c, CSL<sup>+</sup>07, DVS<sup>+</sup>97, GOH<sup>+</sup>15, HLFP08, HSH<sup>+</sup>13, MNPT06, MGG<sup>+</sup>09, ONSSVGR04, TWN<sup>+</sup>06, WWC<sup>+</sup>19, ADV<sup>+</sup>01, BCWT00, BW99a, BOP95, CHL<sup>+</sup>15, CMT93, CMVS<sup>+</sup>10, CSS<sup>+</sup>02, DTB<sup>+</sup>02, DKN<sup>+</sup>97, DBMI17, GS06b, HFK<sup>+</sup>02, KHH<sup>+</sup>17, LLB<sup>+</sup>00, MSJS08, ME02, PDTS08, QW15, RTB02, RDP<sup>+</sup>02, SRFR07, SHR02, SBN<sup>+</sup>15, TA01, WMH<sup>+</sup>07, WKM<sup>+</sup>07a, WCSA<sup>+</sup>16, WWW<sup>+</sup>02, Yu03, ZQ97]. **C-cycling**  
 [WWC<sup>+</sup>19]. **C/Si** [CSS<sup>+</sup>02]. **C0** [BTR95]. **C02** [FWG<sup>+</sup>97]. **CA**  
 [MPB<sup>+</sup>18, RA98, RLP<sup>+</sup>98, SRC98, SZS<sup>+</sup>07]. **Cachucho** [GASGB<sup>+</sup>14].  
**CaCO** [BZvHH00, ESA<sup>+</sup>09, EAS<sup>+</sup>09, KSS00a, SMCA01]. **Cadiz**  
 [Ano06c, CJA<sup>+</sup>06, CAGLV<sup>+</sup>06, DGR02, FA02, HNRGL06, JASS02, AAG06, BGIJ<sup>+</sup>06, CRNP06, GLDCA<sup>+</sup>06, HMLS<sup>+</sup>06, LSM<sup>+</sup>06a, MPMD<sup>+</sup>06, NRH<sup>+</sup>06, NR06, RMCAR06, RGIH<sup>+</sup>06, RGL06b, RN06, SMR<sup>+</sup>06].  
**Cadmium** [WR15, QW15]. **Caecosagitta** [MMN10]. **Caenogastropoda**  
 [FHK18]. **calanoid**  
 [CHG20, CHSVB<sup>+</sup>19, GO10, LLW01, RFF<sup>+</sup>02, SSMM<sup>+</sup>08]. **Calanoida**  
 [BG10, CSS<sup>+</sup>10, UFAK06]. **Calanoides** [HZL94, PTWM12]. **Calanus**  
 [BM07, BMK09, BK96b, CRD01, CPH01, CM01, GGDF08, HK07, LMDW06, MO96, NLY<sup>+</sup>13, PTS01, PCAS05, RPJ<sup>+</sup>06, SD06b, ST07, SFPH<sup>+</sup>08, SMG<sup>+</sup>07, UFAK06, YQMB20]. **calcareum** [GGC19]. **Calcareous**  
 [FSG02, HTD00, ID19, RJT11, BRPH20, TTA<sup>+</sup>16]. **Calcification**  
 [BK96a, BDF00, BDBB07, PABH07]. **calcite** [MS06a, RH07]. **calcium**  
 [EBM<sup>+</sup>25, JFM<sup>+</sup>17, TCH<sup>+</sup>16, Zon07]. **CalCOFI** [BCW03, ROPB03, Reb03].

**calculated** [AKH<sup>+</sup>02]. **Calculation** [YZ00, LBM98]. **calculations** [BHS<sup>+</sup>10]. **caldera** [GSB<sup>+</sup>03, BTC13]. **calibrated** [HA96, KGKS20].  
**calibration** [HJS<sup>+</sup>10, SFV<sup>+</sup>01, SBR<sup>+</sup>97, YZ00]. **California** [BL03, BPD<sup>+</sup>15, CC00, CP03, DDL06, Di 03, DCH04, DLKP14, ECM<sup>+</sup>06, HLR<sup>+</sup>09, PO15, RBP<sup>+</sup>05, SVJRSON04, TLSW15, VLK06, AL98, AMJRD19, AHGCNM<sup>+</sup>04, AST<sup>+</sup>05, BPS00, BPC05, BV98, BB98, BMOW09, BCW03, BLH05, BT03, CTW<sup>+</sup>15, CA06a, CLF<sup>+</sup>09, CFZ<sup>+</sup>18, CDG00, CMR<sup>+</sup>18, CHN<sup>+</sup>18, CPM<sup>+</sup>18, CGR<sup>+</sup>00, CPC<sup>+</sup>03, CMRI13, CCM15, CRM18, CPW<sup>+</sup>18, CMJ<sup>+</sup>18, DD15a, DD15b, DLLK15, DHW98, DGR19, DDLK06, DWHM06, DCSV19, FRH<sup>+</sup>98, FEB<sup>+</sup>13, GGAMV<sup>+</sup>23, GMCR18, GO15, GOGCDB18, GMPS04, HS98, HV98, HZMH07, dITGCAB<sup>+</sup>03, HGAB04, HBK<sup>+</sup>98, HV03, JR15, KMLC<sup>+</sup>04, KKMSM12, KLK<sup>+</sup>15, KGKS20, KL06, KKD06, KC00, KD00, KC04, KGB06, LLR<sup>+</sup>06, LO03, LJHAA19, MDB98, MML06, MC18a, MBLM03, MNSMN<sup>+</sup>04, NOLASZ04, NR00, NCSB<sup>+</sup>98, OC00, PBS06, PUP<sup>+</sup>07, PC00, PC18, PK03, PLPS98]. **California** [ROPB03, Reb03, RMB05, RB06, RAL04, RSC<sup>+</sup>09, SVAGRCS04, SLS17, SSL98, SBB06, SM03, SMPSG<sup>+</sup>04, Sot09, SJ00, SB05, SN00, STS<sup>+</sup>15, TBH09, TB98, Thu98, TCEW07, TMC04, TdFAL19, TAB<sup>+</sup>05, WCD<sup>+</sup>09, WDKC00, WCK<sup>+</sup>18, YSBH06, YLG<sup>+</sup>18, ZT00]. **Callao** [DOLP<sup>+</sup>09].  
**Callorhinus** [CRJ<sup>+</sup>08]. **calls** [ŠHW<sup>+</sup>04]. **calm** [MPV<sup>+</sup>11]. **Calocarides** [Mar18]. **Caloric** [WGMC14, YBC<sup>+</sup>17]. **calorie** [HON<sup>+</sup>13]. **calorie-sheds** [HON<sup>+</sup>13]. **Camarinal** [BAC<sup>+</sup>02]. **Cambrian** [Cha07]. **camera** [BEB<sup>+</sup>13, BEM<sup>+</sup>15, CLJ<sup>+</sup>13, EFR<sup>+</sup>16, JSWB21, KCTG16, KJB<sup>+</sup>08, NCSB<sup>+</sup>98].  
**campaign** [DJCF09, KFA<sup>+</sup>20, VJP<sup>+</sup>10]. **Campeche** [BSL08b]. **Campos** [PFAZL09]. **Can** [CHG15, DWG<sup>+</sup>15, DZL<sup>+</sup>17, LLW01, MES<sup>+</sup>23, OSM<sup>+</sup>20, BvGH<sup>+</sup>17, EBG<sup>+</sup>15, KBB07]. **Canada** [BHJ99, HZL<sup>+</sup>12, RSR<sup>+</sup>00, BIH10, BCP<sup>+</sup>15, BLP<sup>+</sup>15, CHW<sup>+</sup>12, DB05, DPK<sup>+</sup>14, DKP<sup>+</sup>14, DTJ<sup>+</sup>14, DCS<sup>+</sup>18, GMC<sup>+</sup>12, HBCG14, JMM<sup>+</sup>13, KH10, MBI<sup>+</sup>10, MPH<sup>+</sup>05, MLH14, MBD<sup>+</sup>17, MSG<sup>+</sup>00, NDE14, PDK<sup>+</sup>14, RSRL00, SJA<sup>+</sup>97, TLKT00, YHK15].  
**Canadian** [Ano14, Har06, NLDJ14, SSM<sup>+</sup>00, SE95]. **Canaries** [TAB<sup>+</sup>02].  
**Canary** [LRM<sup>+</sup>02, PNLFS03, VLR<sup>+</sup>02, AMN<sup>+</sup>02a, DNH<sup>+</sup>02, HFM<sup>+</sup>02, HGMA<sup>+</sup>02, JRGLJ<sup>+</sup>19, KHGL<sup>+</sup>02, MFN<sup>+</sup>02, PNLFS02, PNLF02, PMLM<sup>+</sup>02, SBH<sup>+</sup>02, ZLOR02]. **CANIGO** [PNLFS02, PNLF02, PNLFS03, BWAS02, LDV<sup>+</sup>02, TPGCCS<sup>+</sup>02].  
**Cantabrian** [GASGB<sup>+</sup>14, GBDM<sup>+</sup>14, SGPD<sup>+</sup>14, LPS14]. **cantelli** [CAK15].  
**Canyon** [BSL08b, CWJ99, EBM<sup>+</sup>25, GPMS<sup>+</sup>16, GBDM<sup>+</sup>14, GdSP11, LPS14, MBMM<sup>+</sup>99, MTM<sup>+</sup>13, NKB<sup>+</sup>18, PNL<sup>+</sup>19, PCF<sup>+</sup>18, SGPD<sup>+</sup>14, SW08, ULTL16, vOSG<sup>+</sup>11, DVS<sup>+</sup>14, HBCG14, HD14, KCM<sup>+</sup>14, KSB<sup>+</sup>03, MKKB14, MPV<sup>+</sup>11, MPPR14, MSB<sup>+</sup>03, MMSS14, OPV11, RGS<sup>+</sup>15, SGB14, Thu06, VD98, AFC<sup>+</sup>17, BJSH14, BVGE<sup>+</sup>06, DJC<sup>+</sup>14, EWP<sup>+</sup>99, FBP<sup>+</sup>17, FS14, GSW99, GSdS<sup>+</sup>14, HAC<sup>+</sup>14, JMM<sup>+</sup>13, LUV99, LMM<sup>+</sup>17, LRN<sup>+</sup>14, LRDS18, MS09, MHdS<sup>+</sup>11, dJMTGG11, OACA19, PPT<sup>+</sup>10, PGM<sup>+</sup>15, PPL<sup>+</sup>19, PPM02, RCL<sup>+</sup>09, RLB<sup>+</sup>18a, RSR10, SHD<sup>+</sup>14, SP19b, SR08b, Sor99, WC07a].

**Canyons** [BWH<sup>+</sup>17, BR14, CPA<sup>+</sup>11, DHS<sup>+</sup>14, DLKP14, FPB<sup>+</sup>14, HBCG14, IBK<sup>+</sup>11, KBI<sup>+</sup>11, LSA14, MT11, MM14, MTMH11, MSK<sup>+</sup>19, OBC<sup>+</sup>14, PGC<sup>+</sup>11, SDGH14, WGW<sup>+</sup>19, dSJB<sup>+</sup>11, vdBGM<sup>+</sup>17]. **Cap** [CWJ99, DJC<sup>+</sup>14, EWP<sup>+</sup>99, GSW99, LUV99, MBMM<sup>+</sup>99, SHD<sup>+</sup>14, Sor99]. **Cap-Ferret** [CWJ99, DJC<sup>+</sup>14, EWP<sup>+</sup>99, GSW99, LUV99, MBMM<sup>+</sup>99, SHD<sup>+</sup>14, Sor99]. **Capacity** [SH02, HSH<sup>+</sup>13, SRFR07, ZSKL19]. **Capbreton** [BJSH14, FS14]. **Cape** [WC07a, AAG02, ASBM02, BPS00, BH94, BD94, Bla94, BLS<sup>+</sup>03, CLT94, CDL94, DCR94, GZGH22, GAC<sup>+</sup>02, Hec94, JDBP<sup>+</sup>05, LF07, LRV<sup>+</sup>02, MDC<sup>+</sup>10, MBB<sup>+</sup>02, MP94, RLVF02, RH94, SGD<sup>+</sup>14a, SSV02, TBA<sup>+</sup>02, Wal94b, vGTG<sup>+</sup>00]. **Capel** [DLHH11]. **Capel-Faust** [DLHH11]. **capelin** [ASF<sup>+</sup>16, LSHB09, LSWH07, MHTZ19, ODR<sup>+</sup>09]. **Caprellidae** [KGS23]. **Capsular** [LZS<sup>+</sup>18]. **capture** [LWB<sup>+</sup>07, ZSLL15]. **captured** [FCBD08, PWJF20, SRS<sup>+</sup>20]. **carangid** [STS11]. **carbohydrate** [HHP<sup>+</sup>96, ZA16]. **carbohydrates** [MZR<sup>+</sup>95]. **Carbon** [AZK<sup>+</sup>20, ARK<sup>+</sup>94, AT10, Ano08, BRG<sup>+</sup>19, BLS<sup>+</sup>97, ÇYAYT06, CBJ<sup>+</sup>23, CML<sup>+</sup>09, JLTD11, LSUB94, LLB<sup>+</sup>00, LFM02, LKJ<sup>+</sup>15, LKH<sup>+</sup>07, LCE<sup>+</sup>23, MTE<sup>+</sup>02, MYE<sup>+</sup>02, RJWD01, RFB97, SCGDU09, Sch02a, SSH<sup>+</sup>11, SSS<sup>+</sup>11, VBM97, WCB08, WTL<sup>+</sup>06, WCWW99, vGTG<sup>+</sup>00, AML01, AAG02, ASBM02, ÁRR02, ACH02, AE02, AKH<sup>+</sup>02, Ano96g, ATS<sup>+</sup>96, AHHCR23, ALH<sup>+</sup>01, BCH<sup>+</sup>96, BDB97, BWL01, BNM<sup>+</sup>07, BPD<sup>+</sup>11, BBL<sup>+</sup>13, BMK96, BBH05, BMD<sup>+</sup>17, BDW<sup>+</sup>98, Bau02, BLM<sup>+</sup>10, BPB<sup>+</sup>94, BFM<sup>+</sup>14, BAH<sup>+</sup>95, BBA<sup>+</sup>98, BBA<sup>+</sup>01, BHS<sup>+</sup>10, CTBNL08, CD95, CHN<sup>+</sup>10, CZP<sup>+</sup>08, CAGL13, CCP<sup>+</sup>18, CMB<sup>+</sup>97, CEG<sup>+</sup>11, CSGC03a, CM99a, CMB99, CSGC03b, CCW<sup>+</sup>08, CB09a, CMW<sup>+</sup>05, COJ<sup>+</sup>09, CMT93, CBW01, CWS<sup>+</sup>23, Cra97, CMB12, CML<sup>+</sup>14, CMRL11, DURP03, DZBR95, Dan95, DP07, DPLB94, DCA09, DJS<sup>+</sup>08, DRR17, DJR<sup>+</sup>01, DLF<sup>+</sup>09b, DÁSCP02, DGB<sup>+</sup>98, DKQ<sup>+</sup>93, EWBW99, EWP<sup>+</sup>99, ETD<sup>+</sup>11, FdBGP11]. **carbon** [FRW00, FGW02, FCA04, FCAD04, FPB04, FC07, GWZ16, GCS<sup>+</sup>12, GGRW99, GRS00, GRC<sup>+</sup>03, GMR<sup>+</sup>05, GSB<sup>+</sup>23, GdRGLS04, GCB04, GOP<sup>+</sup>01, GNHS05, HBSL01, HCBP97, HP98, HC01, HMGD17, HHH01, HBC<sup>+</sup>23, HMC09, HBCO01, HCRX16, HZWW16, HNRGL06, HDW<sup>+</sup>20, HWC07, IHI<sup>+</sup>97, IMP<sup>+</sup>02, JDS<sup>+</sup>08, JDD<sup>+</sup>11, JBVW12, JHS<sup>+</sup>17, JBM<sup>+</sup>08, KGKS20, KLL03, KH02, Kem94, KFF<sup>+</sup>94, KR95, KCD<sup>+</sup>17, KHL<sup>+</sup>16, Kli09, KSU<sup>+</sup>08, KSS00a, KWW<sup>+</sup>12, LRGH<sup>+</sup>05, LQF<sup>+</sup>02, LMB<sup>+</sup>98, LJL<sup>+</sup>17, LDWK96, LW15, LDFS93, LSB07, MBW<sup>+</sup>03, MPG<sup>+</sup>97, MRRG23, MSF<sup>+</sup>22, MFG<sup>+</sup>93, MISC<sup>+</sup>02, MHB05, MTT<sup>+</sup>12, Met09, MWK<sup>+</sup>18, MCJ<sup>+</sup>99, MDO<sup>+</sup>98, MES97, MLK<sup>+</sup>12, MSTT07, MC13, MSG<sup>+</sup>00, MKVT<sup>+</sup>04, MLS<sup>+</sup>15, MYN<sup>+</sup>96, NAB<sup>+</sup>02, NSvH<sup>+</sup>11, NVBJ08, NMS09, NKB95, NW01, NRM<sup>+</sup>99, OCL<sup>+</sup>08, OUK03, OENB01, PCB<sup>+</sup>00, PFP02, PW15, PKR<sup>+</sup>01, PUP<sup>+</sup>07, PH96, PHH<sup>+</sup>06, PABH07, PDE<sup>+</sup>16, PCB<sup>+</sup>17, PRMM<sup>+</sup>17, Qua97]. **carbon** [RTB02, RBDO17, RRRMM05, RSR05, RV00, RGH<sup>+</sup>24, RTC06, RWR<sup>+</sup>02, RRWR08, RvAH10, RJDR06, RPF01, RIHGS00, RW95, RMPI<sup>+</sup>17, RPF<sup>+</sup>16, RWN<sup>+</sup>08, RSR<sup>+</sup>00, RBH<sup>+</sup>20, SMY<sup>+</sup>98, SLS<sup>+</sup>07, SCGDL02, SdS01,



SVR<sup>+</sup>00, SMCA01, SH99c, SFW08, SBHS20, SRFR07, SGC03, SSM<sup>+</sup>00, SDCH99, SSLA95, SMD08, SLZ<sup>+</sup>16, SS01, Sot09, SVS<sup>+</sup>20, SWGPK17, SLB<sup>+</sup>16, SUL<sup>+</sup>06, SUK<sup>+</sup>06, SP06, SHC<sup>+</sup>00, SSH<sup>+</sup>00, SCM<sup>+</sup>09, TTLP06, TBA<sup>+</sup>02, TVL<sup>+</sup>00, TTCD14, TP02b, TP02a, TLKT00, TA01, TDC08, TBB<sup>+</sup>08, TMW<sup>+</sup>05, TNIW02, VBF<sup>+</sup>02, VS99, VSR<sup>+</sup>00, VCR02, WKM<sup>+</sup>07a, WFA<sup>+</sup>95, WWH97, WCSA<sup>+</sup>16, WP00, WC01b, WWC<sup>+</sup>99, WC02, WWN<sup>+</sup>02, WAC<sup>+</sup>09, WDC<sup>+</sup>15, YCYTKB06, YOI<sup>+</sup>09, YHL<sup>+</sup>12, ZHD<sup>+</sup>08, ZD97, ZQ97, ZX12, ZCG<sup>+</sup>12, ZWQ<sup>+</sup>19, ZWL<sup>+</sup>22, ZdBB<sup>+</sup>07, Zon07, dCHdOF<sup>+</sup>18, vOSG<sup>+</sup>11, vWDB<sup>+</sup>01, vdLBB<sup>+</sup>02]. **carbon-nitrogen** [MFG<sup>+</sup>93]. **carbon-rich** [KCD<sup>+</sup>17]. **carbon-to-chlorophyll-a** [CSGC03a]. **Carbonate** [GW15, GNHS05, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, MYL<sup>+</sup>98, vdLEM<sup>+</sup>14, ASS02, ACBV<sup>+</sup>18, CYB<sup>+</sup>18, CB97, CMB02, EBM<sup>+</sup>25, EFR<sup>+</sup>19, GBP00, GPBV<sup>+</sup>07, GTB15, JFM<sup>+</sup>17, LBM<sup>+</sup>17, LAGK<sup>+</sup>18, LMF<sup>+</sup>21, LSB07, NEO<sup>+</sup>07, NRSL17, RHL<sup>+</sup>16, STD<sup>+</sup>20, SBH<sup>+</sup>02, THJ<sup>+</sup>17, TWL<sup>+</sup>15, TWC<sup>+</sup>07, TCH<sup>+</sup>16, WKM<sup>+</sup>07a, YZ00, ZHY<sup>+</sup>13, ZdBB<sup>+</sup>07, Zon07]. **carbonates** [FR10, FRC<sup>+</sup>10, FC15, LMG17, LSL<sup>+</sup>15, PBVC<sup>+</sup>16, RFJ10]. **carcass** [SRAL<sup>+</sup>17]. **carcasses** [YMC<sup>+</sup>22]. **carcinophaga** [MCBC08]. **Cardiovascular** [ECD06]. **career** [Ver13]. **Cariaco** [ALT<sup>+</sup>13, MTMK<sup>+</sup>13, MKVT<sup>+</sup>04, TSP<sup>+</sup>18]. **Caribbean** [HMSMK04, JPM99, Jur20, MCM06, Ric05]. **Caridea** [NCL13]. **Carlsberg** [MR15]. **Carnivorous** [DAGK<sup>+</sup>17, HRX17, FPGH02, JZX10]. **Carolina** [ASBM02, AAG02, BPB<sup>+</sup>94, BH94, Bla94, CLT94, CDL94, DPLB94, DCR94, GAC<sup>+</sup>02, Har94, Hil94, LRV<sup>+</sup>02, MP94, RLVF02, RH94, SL94, TBA<sup>+</sup>02, WR09]. **Carolinas** [BG94]. **carried** [NPBS00]. **Carrying** [SH02, GK16, HSH<sup>+</sup>13, ZSKL19]. **Cascais** [IBK<sup>+</sup>11, dSJB<sup>+</sup>11]. **Casco** [DTP<sup>+</sup>05, JCP05, KCA05, PKA05, TDKA05]. **Case** [TPS<sup>+</sup>15, ABE<sup>+</sup>11, BS21, CWWB04, DWG<sup>+</sup>15, DRR<sup>+</sup>14, DZL<sup>+</sup>17, EEAC<sup>+</sup>20, HGK<sup>+</sup>18, HAM<sup>+</sup>15, JTW00, KVB<sup>+</sup>09, KMA<sup>+</sup>18, LT16, LTL<sup>+</sup>23, MPM<sup>+</sup>16, MGT<sup>+</sup>20, MBB<sup>+</sup>02, MES<sup>+</sup>23, MTD<sup>+</sup>18, MS18, MQACB08, MSG<sup>+</sup>00, NC97, PLRV22, PP93, Rai14, RAC<sup>+</sup>20, RAS23, RBXM15, SCCG09, SBA<sup>+</sup>20, TSZ10, TSZT13, VAK<sup>+</sup>09, VAMPR<sup>+</sup>17, WKM<sup>+</sup>07a]. **Caspian** [KBE<sup>+</sup>04, PFG<sup>+</sup>03]. **Cassidaigine** [FBP<sup>+</sup>17]. **Castle** [KEA<sup>+</sup>17]. **catabolic** [GQ09]. **catalyzed** [FLT<sup>+</sup>97]. **Catch** [NA09, BRCFP23, BJP<sup>+</sup>22, DABMAMA04, JRG<sup>+</sup>22, LCW20, Loh08, MRSLM<sup>+</sup>19, OLP<sup>+</sup>20, SL12, ZKSS06]. **catches** [BHJ<sup>+</sup>14, DWM<sup>+</sup>15, GDA<sup>+</sup>15, MCL<sup>+</sup>19, RGIH<sup>+</sup>06, YHC<sup>+</sup>11]. **catchment** [vGCM00]. **Categorizing** [KAM<sup>+</sup>14]. **catenatum** [FRBB10]. **Cauchy** [Abr19]. **caught** [CAJE15, LFKF<sup>+</sup>17]. **Cauldron** [BLS<sup>+</sup>03]. **Causal** [YFL<sup>+</sup>23]. **causality** [YFL<sup>+</sup>23]. **Cause** [PS23, Sch07, WTI<sup>+</sup>20]. **caused** [GPC<sup>+</sup>04, KAW<sup>+</sup>16, VMB17]. **Causes** [LSdC<sup>+</sup>10, HS98, TYBY06]. **Cavibelonia** [OBH<sup>+</sup>18]. **CCAMLR** [BND<sup>+</sup>04, Dem04, HCWH00, JR04, KGE<sup>+</sup>04, KNV<sup>+</sup>10, NMR10, WGB<sup>+</sup>04, WHNS04]. **CCE** [GO15, MSS15]. **CCE-LTER** [GO15, MSS15]. **CCSM4** [VNBW18]. **CD** [Ano96d, CDB94, RSD<sup>+</sup>97, NOT<sup>+</sup>09, NEN<sup>+</sup>07]. **CD-ROM**

[CDB94, RSD<sup>+</sup>97, Ano96d]. **CDOM** [CDA98, LPJ<sup>+</sup>16, MORB<sup>+</sup>15, NTS<sup>+</sup>11]. **CEAMARC** [DLB<sup>+</sup>11]. **Celebes** [MNN10, ODH<sup>+</sup>07]. **cell** [DO96, FVSRR14, JS14, LZS<sup>+</sup>18, MMJ<sup>+</sup>03, PW12, SOS01]. **celled** [HK08]. **cells** [PWMC01, TIS<sup>+</sup>13, ZOB<sup>+</sup>96]. **Celtic** [CWE<sup>+</sup>17, JWC<sup>+</sup>01]. **Cenozoic** [BDE07, Ber07, BCVCHW04, DLHH11, DBD03, MWS<sup>+</sup>15, SK07, WCJ97]. **Census** [Ano09b, SH11a, PGF<sup>+</sup>09, SJD<sup>+</sup>11]. **centennial** [MPL15]. **Central** [LBV<sup>+</sup>08, VALM17, WGNH15, ADBU18, And00, BKP<sup>+</sup>19, BB98, BH19a, BCM02, BO96, BCO<sup>+</sup>96, BCKH07, BGS09, CD95, Cha07, CLF<sup>+</sup>09, CBS<sup>+</sup>96, CDG00, CMB02, CDJM04, DMFD19, DZBR95, DO19, DFY<sup>+</sup>23, DNG<sup>+</sup>12, DOLP<sup>+</sup>09, DMY<sup>+</sup>97, FGU04, FWG<sup>+</sup>97, Fon96, GPC<sup>+</sup>04, GGPM05, GQ09, GSdS<sup>+</sup>14, HSS<sup>+</sup>18, HSR<sup>+</sup>23, Har96, HHP<sup>+</sup>96, ITT12, iITT<sup>+</sup>15, ITM<sup>+</sup>12, Joh96, KBK<sup>+</sup>18, KAW<sup>+</sup>16, KxF22, KM95, KSH12, KT02, KN97, KN05, LCK95, LKC96, LHZJ13, LL13, LTS<sup>+</sup>13, MGR<sup>+</sup>03a, MHG<sup>+</sup>04, MDH<sup>+</sup>98, Mar13, MPS<sup>+</sup>21, MWF<sup>+</sup>19, MFG<sup>+</sup>04, MAA<sup>+</sup>04, MAA<sup>+</sup>05, MES97, MYN<sup>+</sup>96, NOLASZ04, NA13, NR00, NRM<sup>+</sup>99, NCSB<sup>+</sup>98, O'H24, OCP18, OHFW93, PPRHLF02, PLPS98, PDS00, PVT<sup>+</sup>21, ROPB03, RL97, RSC<sup>+</sup>09, RQRVM10, SVAGRCS04, SHD<sup>+</sup>96, SIFS10, SN00, TGLN93, TB98, TŠŠ<sup>+</sup>19, VLSS<sup>+</sup>04, WMW96, WAW<sup>+</sup>05a, WYL<sup>+</sup>20, WAK<sup>+</sup>12, WMM02]. **central** [YTF02, YS01, ZDWR95, ZD97, ZXH<sup>+</sup>13, Zim19, BSM01a, Fri01, KC04, LPK<sup>+</sup>17, MSC<sup>+</sup>19, MSBS01, PLD<sup>+</sup>17, PBN10, RBA<sup>+</sup>01, RGS<sup>+</sup>97, RSN01, SdS01, SSF97, SSI19, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, ULH<sup>+</sup>21, dSSB<sup>+</sup>01]. **central-eastern** [O'H24]. **central-south** [GQ09]. **centre** [MR15]. **centric** [RP18]. **Centrophoridae** [DWG<sup>+</sup>15]. **Centrophorus** [CGD<sup>+</sup>15, DWG<sup>+</sup>15]. **centuries** [HdVGHM02]. **century** [BCW03, DHM<sup>+</sup>22, PL04, TdFAL19, VNBW18, WYOS18]. **century-long** [DHM<sup>+</sup>22]. **Cephalaspidea** [CC13]. **cephalopod** [LTS<sup>+</sup>13, RNP93, SLD<sup>+</sup>13]. **Cephalopoda** [SRS<sup>+</sup>20]. **Cephalopods** [LBSB<sup>+</sup>17, GMPSHA<sup>+</sup>13, LL13, MPJ<sup>+</sup>13, SJST13]. **Cercops** [KGS23]. **cerium** [ODH<sup>+</sup>07]. **certain** [VK04]. **CESAR** [SE95]. **CESM** [CCL<sup>+</sup>14]. **Cestodes** [CP13]. **Cetacean** [AAL<sup>+</sup>17, FWZM12, FZW<sup>+</sup>13, TCG00, TAB<sup>+</sup>05, CTW<sup>+</sup>15, PLD<sup>+</sup>17, PMF<sup>+</sup>17]. **cetaceans** [BCT21, BPM18, CWE<sup>+</sup>17, GSPT13, JNBJ17, LPA<sup>+</sup>17, LAB<sup>+</sup>17, MM14, RCM<sup>+</sup>17, SSP14, SSJ<sup>+</sup>22, SJJ19]. **cf.** [KMA<sup>+</sup>18]. **CFR** [GGP<sup>+</sup>14]. **CH** [GOH<sup>+</sup>15, GOH<sup>+</sup>15, KLLO98]. **Chaecon** [HC13]. **Chaetoceros** [BLB<sup>+</sup>02]. **chaetognath** [MMN10]. **Chaetognatha** [PB08, PBN10]. **chaetognaths** [NG10, PS04a, UPS04]. **Chagos** [KOO<sup>+</sup>24]. **Chain** [AM24, WLH<sup>+</sup>16, MGG<sup>+</sup>17, PL24, VOK<sup>+</sup>24, RD25, VTD24, WSF<sup>+</sup>24]. **chalcogramma** [Blo02, CBSS02, HSFN13, LSWH07, SHM13, SSDA13]. **chalcogrammus** [DABF<sup>+</sup>16, EZB<sup>+</sup>20, EBG<sup>+</sup>22, EMB<sup>+</sup>22, GEP<sup>+</sup>16, MES<sup>+</sup>23, MZH16, SCD<sup>+</sup>22, SHPM14]. **Challenger** [LAT<sup>+</sup>18]. **Challenges** [BKST13, HAE<sup>+</sup>15, HLA<sup>+</sup>06, YHC<sup>+</sup>15]. **Change** [DVCG<sup>+</sup>12, KDU<sup>+</sup>10, ATN<sup>+</sup>12, AJP<sup>+</sup>22, AAL<sup>+</sup>17, BFL<sup>+</sup>20, BBR<sup>+</sup>10, BZMC20, BTD11, BSH<sup>+</sup>11, CLMK13, CKB<sup>+</sup>07, CRI18, DW15b, DWM<sup>+</sup>15, DP02, EEAC<sup>+</sup>20, ETD<sup>+</sup>11, EAB<sup>+</sup>20, FBB<sup>+</sup>13, FRBB13, GSVCCCH12,

GMCf19, GBD<sup>+</sup>11, HTTS12, HKC<sup>+</sup>21, HAE<sup>+</sup>15, HBC<sup>+</sup>15, HHH<sup>+</sup>22,  
 HSW<sup>+</sup>02, KNK15, KNG02, KKUK10, KR07, KRHS20, LSNH15, LPPC<sup>+</sup>10,  
 LWL<sup>+</sup>16, LMF<sup>+</sup>21, LB14, LSB07, Man94, MCSF15, MGK19, MWT<sup>+</sup>17,  
 OB22a, PRORSV<sup>+</sup>19, PNVJ13, RHL<sup>+</sup>22, Reb03, RMD<sup>+</sup>12, RHPR15, Rod13,  
 SF24, SM12, SH11a, SMD06, SNFK20, SMSI08, SBSW07, STS<sup>+</sup>15, TSW<sup>+</sup>09,  
 VAMPR<sup>+</sup>17, WCJ<sup>+</sup>11, WCB08, WGNH15, WWN<sup>+</sup>22, WNHF<sup>+</sup>15, YKO15].  
**Changes** [AKK<sup>+</sup>17, BDB97, BW04, BPD<sup>+</sup>15, BHB<sup>+</sup>07, CAS<sup>+</sup>97, CAGL13,  
 DSE<sup>+</sup>14, GGC19, HSB<sup>+</sup>16, KFS<sup>+</sup>10, KRLH14, LHZJ13, MSS15, NTK<sup>+</sup>09,  
 RLPF07, TdFAL19, TMP<sup>+</sup>13, WSB08, ZGGF22, AYMSAS19, ADRS19,  
 AGL<sup>+</sup>19, AvD04, ALvD12, ALT<sup>+</sup>13, AKHR<sup>+</sup>20, Bae11, Bea09, BM17,  
 BMS99, BMRP02, BDM<sup>+</sup>03, BLH05, BA01, BLG15, BGH<sup>+</sup>19, CJA<sup>+</sup>06,  
 CG21, CLW<sup>+</sup>23, DO96, ENM<sup>+</sup>14, ENM<sup>+</sup>16, FAMY20, GZGH22, GGRW99,  
 GCCG13, GBP00, GdRGLS04, GMBL10, GBC<sup>+</sup>05, GHM<sup>+</sup>12, GNHS05,  
 HNW<sup>+</sup>08, HdVGHM02, HSS<sup>+</sup>12, HSBT19, HHH01, HGM<sup>+</sup>11, Jac95a,  
 JPM99, KGJ<sup>+</sup>25, KBG<sup>+</sup>10, KBL01, KSH<sup>+</sup>09, KCZ<sup>+</sup>19, KMMS18, KDMH18,  
 KKT16, KAM<sup>+</sup>20, KTL<sup>+</sup>00, KY17, KST<sup>+</sup>99, KL13, KKNH02, LG09,  
 LPdR<sup>+</sup>14, LO03, LCWJI<sup>+</sup>19, MvSHD01, MAK<sup>+</sup>16, MSW<sup>+</sup>13, MSS<sup>+</sup>02,  
 MKH<sup>+</sup>05, MCS<sup>+</sup>09, MGGTM19, Mun07, NA13, NLS<sup>+</sup>10, OYM<sup>+</sup>13, OTK<sup>+</sup>05,  
 OTA<sup>+</sup>05, OTOH05, OTH05, PHS17a, PMS<sup>+</sup>20, PL04, PRORSV<sup>+</sup>19].  
**changes** [PSAY20, RDW<sup>+</sup>22, RR10, RHD<sup>+</sup>18, SVAGRCS04, SMS<sup>+</sup>07,  
 SHN<sup>+</sup>07, SAM05, SWBKK10, SE14, SW99, SWH08, SBS<sup>+</sup>02, SGD<sup>+</sup>03,  
 SFP<sup>+</sup>09, SBS<sup>+</sup>08, TT05, THJ<sup>+</sup>17, THZ06, TP02b, TP02a, WCH<sup>+</sup>93,  
 WSLP10, WWC<sup>+</sup>19, WWC<sup>+</sup>99, WYW<sup>+</sup>02, WSP19, YCA<sup>+</sup>20, YPY<sup>+</sup>13,  
 dLC<sup>+</sup>14, BCE<sup>+</sup>07]. **Changing** [BC08, GFK24, MSV<sup>+</sup>17, WYT19, CL15,  
 DWJ<sup>+</sup>15, DCSV19, EGG<sup>+</sup>05, FBBW<sup>+</sup>10, LKLK17, LDG<sup>+</sup>23, MBG<sup>+</sup>24,  
 MWFS17, PCY<sup>+</sup>13, RRK<sup>+</sup>20, SLS17, SAA<sup>+</sup>17]. **Changjiang**  
 [AIW03, KW03, LWL<sup>+</sup>16, YLH<sup>+</sup>10]. **Channel** [BLI<sup>+</sup>09, FRH<sup>+</sup>98, GDE<sup>+</sup>96,  
 DDB<sup>+</sup>17, MWS<sup>+</sup>15, SSHB03, VKC09, BLM<sup>+</sup>14, BEC<sup>+</sup>96, BdBJ<sup>+</sup>14, BL04,  
 DCN<sup>+</sup>02, HBP<sup>+</sup>14, HRT14, HvH04, Hug14, JC03, JTK<sup>+</sup>14, JAM<sup>+</sup>14,  
 LBMvdB14, LAB<sup>+</sup>17, LDHO<sup>+</sup>14, LMF<sup>+</sup>21, MB96, MBT<sup>+</sup>14, MBB<sup>+</sup>14,  
 MSSD93, OS04, PLA<sup>+</sup>17, PGS14, PBMM14, PR05, QS04, RdR03, RTM14,  
 SdRvLR03, SWDB<sup>+</sup>14, TBB<sup>+</sup>14, TRM<sup>+</sup>14, VLP<sup>+</sup>17, XZM<sup>+</sup>23, ZV13].  
**channel-mouth** [DDB<sup>+</sup>17]. **channelling** [DCA09]. **channels** [PS04a].  
**character** [GTB15, SA15a]. **Characterisation**  
 [HDD<sup>+</sup>11, LBMvdB14, GHG<sup>+</sup>04, JKK<sup>+</sup>10, RHD<sup>+</sup>11, SW00].  
**Characterising** [BHS<sup>+</sup>06, WAM<sup>+</sup>18]. **Characteristic** [SRS11, PSE<sup>+</sup>93].  
**Characteristics**  
 [DNG<sup>+</sup>12, FMFW07, GZZC10, KHS<sup>+</sup>02, LKD<sup>+</sup>15, LPM<sup>+</sup>19, MORB<sup>+</sup>15,  
 RG03, RPJ<sup>+</sup>06, SBA<sup>+</sup>20, UWvdE<sup>+</sup>16, VJF23, WW23, vWMR<sup>+</sup>17, ASMH08,  
 AMvD<sup>+</sup>12, Ald95, APT11, BKKK24, BF14, BSL11, BLSS10, COQ<sup>+</sup>18, CG18,  
 DGP20, DPK<sup>+</sup>14, DZL<sup>+</sup>17, DGT14, EMB<sup>+</sup>22, Fig02, GMR<sup>+</sup>05, GML99,  
 HMA20, HBK<sup>+</sup>98, JWO<sup>+</sup>09, KBE<sup>+</sup>04, LTW<sup>+</sup>11, MGR<sup>+</sup>03a, MFPL19,  
 MAR<sup>+</sup>17, MPI07, MAA<sup>+</sup>04, MAA<sup>+</sup>05, NRS14, NTS<sup>+</sup>11, OS04, PBFS06,  
 PWTH15, PPB<sup>+</sup>22, RBA<sup>+</sup>01, RSB<sup>+</sup>17, SBS<sup>+</sup>00, SKSW02, SAL95, TRM<sup>+</sup>07,

VKG93, WMB<sup>+08</sup>, WSB08, YCN<sup>+10</sup>, YLR18, YCYK10, dSSB<sup>+01</sup>].

# **Characterization**

[ADGA05, ADGA06, ERPFF11, HBO11, Kll09, MSD<sup>+18</sup>, NKE11, PLL<sup>+06</sup>, Ste04, YO96, ACBV<sup>+18</sup>, CKJ<sup>+16</sup>, CDM<sup>+16</sup>, DAB<sup>+18</sup>, FCG18, GdRGH<sup>+14</sup>, Hil94, HSC<sup>+07</sup>, KOO<sup>+24</sup>, LGR<sup>+14</sup>, MNB02, MS18, MSNL09, OBC<sup>+14</sup>, PBVC<sup>+16</sup>, SGPD<sup>+14</sup>, VSR<sup>+10</sup>, WMB<sup>+13</sup>, WLC99, ZHM<sup>+24</sup>].

**characterizations** [CBB<sup>+95</sup>]. **characterize** [LKTS01, RLB<sup>+18a</sup>].

**characterized** [GOH<sup>+15</sup>]. **Characterizing**

[BLP<sup>+15</sup>, KYW20, PCF<sup>+18</sup>, RB06]. **charged** [SHM<sup>+07</sup>]. **Charlie**

[CLJ<sup>+13</sup>, CLB13, FVW08, KJB<sup>+08</sup>, LAJP13, MSW<sup>+13</sup>, PBB<sup>+13</sup>, BSJ13,

CSGV13, CSCP13, DHST13, EQW<sup>+13</sup>, YSAER25]. **Charlie-Gibbs**

[CLJ<sup>+13</sup>, FVW08, LAJP13, MSW<sup>+13</sup>, BSJ13, CSGV13, CSCP13, DHST13,

EQW<sup>+13</sup>, YSAER25]. **Charlotte** [WWB04]. **Charting** [CLMK13].

**Charybdis** [CB00a, VAM97]. **Chauliodus** [BBB<sup>+01</sup>, BBB<sup>+01</sup>]. **check**

[PDB<sup>+20</sup>]. **Chemical** [AV97, AYN19, ARC02, EB16, FBL<sup>+98</sup>, iITT<sup>+15</sup>,

TMP<sup>+19</sup>, dSSB<sup>+01</sup>, ASB<sup>+02</sup>, BSE<sup>+16</sup>, BMRP02, BCW03, BSSE16, Che02,

CC03, DPK<sup>+14</sup>, DRBC16, EFR<sup>+16</sup>, EDF<sup>+04</sup>, GCR<sup>+02</sup>, GK16, HAF<sup>+15</sup>,

HdBB<sup>+02</sup>, HMA20, KSDE16, KGB16, LGC<sup>+12</sup>, MGR<sup>+03a</sup>, Mas01, MSNL09,

MFE<sup>+02</sup>, RD16, SMY<sup>+98</sup>, SNIT02, SRF09b, SBG<sup>+98</sup>, SKSW02, TRM<sup>+07</sup>,

TD16, WCH<sup>+93</sup>, BKS<sup>+16</sup>]. **Chemistry** [Arr15, Arr16, CBG02, CMRL11,

FL02, GDYW02, GW15, LRM07, OGG<sup>+15</sup>, RHL<sup>+16</sup>, SBB<sup>+19</sup>, WFA<sup>+95</sup>].

**chemoautotrophic** [TSP<sup>+18</sup>, YCYTKB06]. **chemoautotrophically**

[EMV09]. **chemosynthetic** [BRBD17, PDS<sup>+17</sup>, Vri13]. **chemotaxonomic**

[BMCF97, MKT<sup>+15</sup>, SMLS02]. **chemotaxonomy** [GCI<sup>+01</sup>]. **CHEMTAX**

[RVZ02, WvdE00, WvdEP<sup>+10</sup>]. **Chen** [Won15]. **Chesapeake** [PPM02].

**chick** [CHPF10]. **Chile** [MAA<sup>+05</sup>, ADBU18, CDJM04, DRH<sup>+09</sup>, EHK09,

EPPR09, FGU04, GMT<sup>+09</sup>, GPC<sup>+04</sup>, GHIM04, GQ09, HMW00, MHG<sup>+04</sup>,

MFG<sup>+04</sup>, MF09, MAA<sup>+04</sup>, ML04, MLG<sup>+04</sup>, NA13, PS04a, QLU09, SRF09b,

UPS04, VLSS<sup>+04</sup>, VKGQ<sup>+09</sup>]. **Chilean**

[dSVC<sup>+14</sup>, EDF<sup>+04</sup>, HA10, HEV<sup>+10</sup>, PRC<sup>+09</sup>, QSA<sup>+09</sup>]. **C}hina**

[WPL<sup>+15</sup>, Won15, WKLM15, AIW03, CSL<sup>+22</sup>, CSGC03a, CLC<sup>+03</sup>, CC03,

CSGC03b, ILCCC07, CHL<sup>+15</sup>, CSG<sup>+15</sup>, CLSS15, CLL<sup>+03</sup>, CSL<sup>+07</sup>, CCC<sup>+03</sup>,

DLG<sup>+14</sup>, DW15a, DLL<sup>+15</sup>, FC15, FHYI03, GWL<sup>+15</sup>, GWZ16, GWWL03,

GZZC10, GW15, HLZY10, HPY<sup>+15</sup>, HTM<sup>+03</sup>, HFL<sup>+15</sup>, HZ19, HHX<sup>+10</sup>,

HZZ10, HZN<sup>+16</sup>, HZWW16, HCG<sup>+03</sup>, HWC07, IOK03, KIIW03, KLL03,

LC03, aLCS15, LLH<sup>+15</sup>, LW15, LWW<sup>+15</sup>, LZC<sup>+16</sup>, LWL<sup>+16</sup>, LCW<sup>+07</sup>, LH07,

LHZ<sup>+16</sup>, LPSS03, LKH<sup>+07</sup>, LCT<sup>+07b</sup>, LCT<sup>+07a</sup>, LBY<sup>+10</sup>, LCL<sup>+10</sup>, LSL<sup>+15</sup>,

NMW<sup>+09</sup>, OUK03, OMY<sup>+03</sup>, OT03, PWTH15, PW15, RCW<sup>+15</sup>, RZL<sup>+10</sup>,

RZS<sup>+16</sup>, SGW<sup>+15</sup>, SGC03, SHH03, SLZ<sup>+16</sup>, SLB<sup>+15</sup>, Sum19, Tan03, TSZ10,

TWL<sup>+15</sup>, TIKS03, WT14, WLD15, WZC<sup>+19</sup>, WRZ<sup>+19</sup>, WZZ<sup>+19</sup>, WL20,

WZ03, WKM<sup>+07c</sup>, WYIT13, WC07b, WDC<sup>+15</sup>, WWcW<sup>+15</sup>, WCL<sup>+15b</sup>,

WLH<sup>+16</sup>, XGL15, XSM<sup>+19</sup>, YKS03, YXC<sup>+19</sup>, YZZ<sup>+16</sup>, YZZ<sup>+19</sup>, YKSI19,

YH10, ZHY<sup>+13</sup>, ZWC<sup>+15</sup>, ZLZ<sup>+15</sup>, ZHX<sup>+16</sup>, ZZY<sup>+19</sup>, ZLW<sup>+19</sup>, ZSKL19,

ZWQ<sup>+19</sup>, ZSZ<sup>+19</sup>, ZWJ<sup>+19</sup>, ZXLL10, ZSLL15, ZZZ<sup>+16</sup>, ZS19, FB05]. **China**

[LWSZ13, bLHsL<sup>+</sup>13, LXS<sup>+</sup>13, MCL<sup>+</sup>19, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, TSZ10, ZZX<sup>+</sup>13].  
**CHINAREs** [CGG<sup>+</sup>12]. **Chinese** [CGG<sup>+</sup>12, CW18]. **Chinook**  
 [MHG<sup>+</sup>17, VBM<sup>+</sup>19]. **chinstrap** [CWEHT22]. **Chionoecetes**  
 [DBMI17, FJR<sup>+</sup>20, GKBG17]. **Chl** [GAC<sup>+</sup>02, SMZ<sup>+</sup>08]. **Chl-a** [GAC<sup>+</sup>02].  
**Chlamys** [DKP<sup>+</sup>14]. **chlorofluorocarbon** [MW05b].  
**chlorofluoromethanes** [Wal94a]. **Chlorophyll**  
 [GSMG04, KGJ<sup>+</sup>25, LH01, AL98, AVS<sup>+</sup>20, AvD04, BSS20, BHMK08, BY04,  
 BT04, BLP<sup>+</sup>15, CLT94, CRDP02, CSGC03a, CWS05, CMW<sup>+</sup>08, CJF<sup>+</sup>12,  
 CHH19, CBPT05, CMC<sup>+</sup>02, DPS<sup>+</sup>11, DPY14, EGL<sup>+</sup>16, ESK<sup>+</sup>23, GGRW99,  
 GMM<sup>+</sup>20, GWWL03, GGRW98, HPWP07, HS93, HHKH<sup>+</sup>04, IS07, JEK<sup>+</sup>15,  
 JBC<sup>+</sup>21, KKMSM12, KTP<sup>+</sup>20a, LMA08, LGF03, LMvDA16, MSRM14,  
 MASVB<sup>+</sup>19, MDH08, MSS<sup>+</sup>02, MMC11b, MMC11a, OE06, PLRV22, PC00,  
 PG18, PLGCL09, PKZ93, PW12, PHH<sup>+</sup>06, PLHMA06, PPR<sup>+</sup>20b, PVT<sup>+</sup>21,  
 RR96, RD97, RYT01, SMLP04, SWR<sup>+</sup>95, SA14, SiSA<sup>+</sup>02, SG99, SRY04,  
 SRW<sup>+</sup>10, SZH<sup>+</sup>04, SMD08, SBK<sup>+</sup>16, SMS20, SWSL14, TRM<sup>+</sup>07, TSWJ12,  
 TT01, TPS<sup>+</sup>15, UY04, VLK06, XWZ24, YAS<sup>+</sup>93]. **Chlorophyll-a**  
 [KGJ<sup>+</sup>25, AvD04, BY04, BLP<sup>+</sup>15, CLT94, CWS05, DPS<sup>+</sup>11, EGL<sup>+</sup>16,  
 ESK<sup>+</sup>23, GWWL03, HHKH<sup>+</sup>04, KTP<sup>+</sup>20a, LMvDA16, MSRM14,  
 MASVB<sup>+</sup>19, MDH08, MSS<sup>+</sup>02, PLGCL09, PLHMA06, PVT<sup>+</sup>21, SMLP04,  
 SA14, SiSA<sup>+</sup>02, SG99, SMD08, SBK<sup>+</sup>16, YAS<sup>+</sup>93]. **chlorophyll-biomass**  
 [PHH<sup>+</sup>06]. **choice** [HH05]. **chokka** [JKJ<sup>+</sup>22]. **chondrichthyans**  
 [CG15, MC15, RS15]. **chromium** [AV97]. **chromophoric**  
 [KSU<sup>+</sup>06, LFC16, NTS<sup>+</sup>11]. **chromophytic** [LKL<sup>+</sup>13]. **Chron** [LSOM16].  
**Chronic** [AAW<sup>+</sup>16, RN96, Bak98, FBL<sup>+</sup>98]. **chronology** [DBJ97].  
**Chronostratigraphy** [OTNT05, LSOM16]. **chub** [HiI<sup>+</sup>19, HiII<sup>+</sup>20].  
**Chukchi** [ATN<sup>+</sup>12, ACG<sup>+</sup>17, BFS<sup>+</sup>17, DEL<sup>+</sup>17, DTWF17, GCCG13,  
 HCAK17, KLD21, LMM<sup>+</sup>17, LGK15, MD17, NCE<sup>+</sup>23, NSWY20, PNL<sup>+</sup>19,  
 RRK<sup>+</sup>20, SCD14, WCC05, WOS12, ZWL<sup>+</sup>22, APP<sup>+</sup>14, AGP05, BDL<sup>+</sup>22,  
 BFD<sup>+</sup>23, BHMC05, BBH05, BF14, BCKH07, BIH10, BSN18, BCP<sup>+</sup>15,  
 BLP<sup>+</sup>15, CHW<sup>+</sup>12, CD09, CMNO23, CG07, CMG<sup>+</sup>12, CMV<sup>+</sup>20, COQ<sup>+</sup>18,  
 CFL<sup>+</sup>16, CG18, CGG<sup>+</sup>19, CCC<sup>+</sup>23, CSS<sup>+</sup>22a, CBK<sup>+</sup>22, DAA<sup>+</sup>20, DB05,  
 DGT14, DGT17b, EGG<sup>+</sup>05, EAF<sup>+</sup>17, EGOO22, EBG<sup>+</sup>22, EMB<sup>+</sup>22,  
 ESWL20, FNS20, FHT<sup>+</sup>14, FTT<sup>+</sup>17, GGC19, GP15, GP16, GLSK<sup>+</sup>17,  
 Gra09, GNB<sup>+</sup>17, GKBG17, HHH<sup>+</sup>15, HMGD17, HTPM14, HT17, HCS05,  
 HK10, HKP10, IBD10, IMG<sup>+</sup>19, KLY<sup>+</sup>15, KRGT14, KCL20, LGHD20,  
 LS14a, LMS09, LGC<sup>+</sup>12, LRDS18, LBM<sup>+</sup>20, LWJR22, LFC16, LvDA14,  
 LPM<sup>+</sup>15, LDW22, LP14, MMID17, MHB05, MBHB09, MES<sup>+</sup>23, MD14,  
 MBL<sup>+</sup>15, MSM10, MKH<sup>+</sup>05, MBC<sup>+</sup>20, NRS14, NHBM10, OACA19].  
**Chukchi** [ORFA<sup>+</sup>14, PSA14, PPT<sup>+</sup>10, PMM<sup>+</sup>16, PE17, PBNF<sup>+</sup>16, PCAS05,  
 PPF<sup>+</sup>15, RKTG14, SET<sup>+</sup>09, SMB<sup>+</sup>17, SKGD14, SGD14b, SPB<sup>+</sup>14, SNFK20,  
 SMS20, SM20, SM23, SLB<sup>+</sup>16, TTCD14, VSM17, WDM<sup>+</sup>05, WAW<sup>+</sup>05a,  
 WFW<sup>+</sup>17, WBD17, WGMC14, WAW05b, YHK15, YBC<sup>+</sup>17, YHL<sup>+</sup>12,  
 YLK<sup>+</sup>15, ZAC<sup>+</sup>15]. **Chukchi/Beaufort** [DB05, WDM<sup>+</sup>05]. **chum**  
 [ARWM13, KUT<sup>+</sup>20, KKUK10, KMOM19, VSM17, WBA<sup>+</sup>17, YK05]. **CIB**

[BSM01a]. **cidarids** [BVL04]. **cidaroid** [PL04]. **cidaroids** [HDR<sup>+</sup>11].  
**CIESM** [Ano09a, BG09b]. **CIESM/SUB** [Ano09a, BG09b]. **ciliate**  
[CLL<sup>+</sup>03, JYM<sup>+</sup>15, JLY<sup>+</sup>16, STFL<sup>+</sup>13]. **ciliates**  
[OT03, SIFS10, TR02, WLZ<sup>+</sup>19]. **cinarcik** [TCG<sup>+</sup>18]. **Circannual** [MTK05].  
**circularisquama** [SAKP<sup>+</sup>22]. **Circulation**  
[AGS<sup>+</sup>02, BBN97, CDJ<sup>+</sup>22, CH11, DZ08, DKZP16, GLBB11, GM11, LPSS03,  
MD06, PMM<sup>+</sup>16, PR17, RG93, SCC98, TRHA01, WAW<sup>+</sup>05a, ACG<sup>+</sup>01,  
Ano96f, ABS<sup>+</sup>14, AGM<sup>+</sup>93, BSM01a, BSMV03, BCI02, Bae11, BLM13,  
BMRTL93, BvWR<sup>+</sup>20, BW99a, BRW00, BTRL99, BCH<sup>+</sup>19, BDR<sup>+</sup>03, BJ15,  
BLSS10, CB16, CMC<sup>+</sup>05, CHL<sup>+</sup>95, Cok16, CMK<sup>+</sup>18, CMJ<sup>+</sup>18, CAGLV<sup>+</sup>06,  
DGP10, DQSF02, Di 03, DKS03, DK04, DMW<sup>+</sup>07, EOB03, FS05, FM03c,  
FKH13, GWL<sup>+</sup>15, GLDCA<sup>+</sup>06, GGLP02, GP15, GSM<sup>+</sup>20, GPC14, GMPS04,  
HBP<sup>+</sup>14, HS96, HLL<sup>+</sup>10, Hei02, HSHM02, HCHD09, HBR11, HFKY05,  
HH05, HO99, JCM<sup>+</sup>13, KT05, KHB<sup>+</sup>04, KST<sup>+</sup>99, KIY<sup>+</sup>05, LWL<sup>+</sup>24, LC03,  
LN05, LWSZ13, LSHP01, LBB<sup>+</sup>06, MPMD<sup>+</sup>06, MZD<sup>+</sup>11, MAN<sup>+</sup>20,  
MGMP02, MKB<sup>+</sup>10, MSC<sup>+</sup>19, MTT<sup>+</sup>12, MW05b, MWV<sup>+</sup>05, MRM<sup>+</sup>12,  
NLHB01, NP03, NRBO<sup>+</sup>05, OGRdO18, ÖHÜ<sup>+</sup>93, PPRL02, PRDF08].  
**circulation** [PBGCD<sup>+</sup>13, PVMC01, PPB<sup>+</sup>22, PGS14, PVRA07, PPL<sup>+</sup>07,  
PAUB19, Pri06, RAC<sup>+</sup>20, RHK<sup>+</sup>11, RMCAR06, RKHK<sup>+</sup>11, SMR<sup>+</sup>06,  
SH99a, SSLP95, SF04, SF11, SSG14, SMS03, Spa99, SSC<sup>+</sup>00, SJ00, TTW<sup>+</sup>05,  
TGLN93, VCRDF99, VHT<sup>+</sup>20, VIY02, WMW96, WMC06, WBA03,  
WTSP07, YAOW05, YCYK10, YH10, ZZM<sup>+</sup>13, ZG15, HMHY11].  
**circulations** [HZN<sup>+</sup>16]. **circum** [ASMM11]. **Circumpolar**  
[BFF<sup>+</sup>07, CWTJ03, DKS11, FG97, GS06b, HKO<sup>+</sup>17, JHS<sup>+</sup>17, Kla97, LL01,  
LDD<sup>+</sup>97, Mar19, MGC<sup>+</sup>01, PRMM<sup>+</sup>17, RPMS95, RFQ99, SDB<sup>+</sup>97, SGP<sup>+</sup>02,  
SLP<sup>+</sup>17, VMBS03, VPSL15, ZGGF22, vdLCS<sup>+</sup>11, HH03]. **circumpolarity**  
[ABE<sup>+</sup>11]. **Cirripeds** [Di 10]. **Clade** [TFR<sup>+</sup>10]. **cladocerans** [dLC<sup>+</sup>14].  
**Cladorhizidae** [DAGK<sup>+</sup>17, HRX17]. **clam** [DZL<sup>+</sup>17]. **clams** [LVJC17].  
**Clarke** [ROY13]. **Class** [dLC<sup>+</sup>14, EWF<sup>+</sup>18, LWO<sup>+</sup>09]. **classes** [LPFS97].  
**classical** [HCG<sup>+</sup>09, Joh19]. **Classification**  
[DFMW13, LSM<sup>+</sup>06a, BV04, CSG<sup>+</sup>15, DGT<sup>+</sup>17a, OM16]. **clay** [SHWW22].  
**clay-size** [SHWW22]. **clean** [AKZL16, SHF<sup>+</sup>95]. **clean-up** [AKZL16].  
**Cleve** [MA05]. **Climate** [Arr15, AGJ07, ENM<sup>+</sup>14, ENM<sup>+</sup>16, Ham07,  
HTTS12, HSW<sup>+</sup>02, HD07, LDG<sup>+</sup>23, Man94, MPL15, MCSF15, MC12,  
OAH<sup>+</sup>16, Pör06, SCB<sup>+</sup>16, STS<sup>+</sup>15, WNHF<sup>+</sup>15, YCA<sup>+</sup>20, ARWM13, AH17,  
AGL<sup>+</sup>19, AGGdC14, ASF<sup>+</sup>16, Arr16, ATN<sup>+</sup>12, AJP<sup>+</sup>22, BG08, Bea09,  
Ber24, BFH<sup>+</sup>23, BSRM08, CHH<sup>+</sup>21, CMAO<sup>+</sup>12, CKB<sup>+</sup>07, CMJ<sup>+</sup>18, DW15a,  
DW15b, DWM<sup>+</sup>15, DP02, DLF<sup>+</sup>09b, DWJ<sup>+</sup>15, EEAC<sup>+</sup>20, ETD<sup>+</sup>11,  
EBG<sup>+</sup>15, EAB<sup>+</sup>20, FHAH16, FMC<sup>+</sup>20, FJR<sup>+</sup>20, GSVCCCH12, GO15,  
GHM<sup>+</sup>12, GBD<sup>+</sup>11, Har06, HSFN13, HAE<sup>+</sup>15, HBC<sup>+</sup>15, HBC<sup>+</sup>12, HHH<sup>+</sup>22,  
HIA<sup>+</sup>16, HMHY11, HMA20, IHPA16, JRK<sup>+</sup>17, KMMS18, KKUK10, KR07,  
LK11, LSNH15, LWL<sup>+</sup>16, LXWC21, LSWM22, LD07, LSB07, MRSLM<sup>+</sup>19,  
MFH04, MGK19, MTT<sup>+</sup>12, MWT<sup>+</sup>17, MSS15, OBA02, PRORSV<sup>+</sup>19,  
PGS14, PDC<sup>+</sup>21, ROPB03, RHPR15, Rod13, RBO07, RNB07, SLS17,

SZH20, SLB13a, SMD06, SMSI08, SBSW07, TSWJ12, TLP<sup>+</sup>19]. **climate** [TMW<sup>+</sup>05, WCJ<sup>+</sup>11, WOS12, WCB08, WGNH15, WSB13, WLT20, ZPT<sup>+</sup>13, ZMYS13, ZT00]. **climate-catch** [MRSLM<sup>+</sup>19]. **Climate-dependent** [Pör06]. **Climate-driven** [LDG<sup>+</sup>23]. **climate-enhanced** [HIA<sup>+</sup>16]. **climate-induced** [AGL<sup>+</sup>19, GBD<sup>+</sup>11]. **Climate-mediated** [ENM<sup>+</sup>14, ENM<sup>+</sup>16, FJR<sup>+</sup>20]. **Climate-related** [SCB<sup>+</sup>16, YCA<sup>+</sup>20]. **Climatic** [TP02b, TP02a, TGFP02, BW04, LCW20, MCL<sup>+</sup>19, YKY<sup>+</sup>07]. **Climatological** [TSW<sup>+</sup>09, KVL<sup>+</sup>19, LC03, MQ01, TSS<sup>+</sup>02]. **climatologically** [DKJ13]. **climatologically-forced** [DKJ13]. **climatologies** [KC03, SDKH03]. **Climatology** [PWITH15, PW15, OWD13, RT14, WBJ<sup>+</sup>98]. **CLIMODE** [JTDG13]. **clinical** [DRR<sup>+</sup>14]. **CLIOTOP** [EAB<sup>+</sup>20, HAE<sup>+</sup>17]. **Clitellata** [UC13]. **clonality** [BCN<sup>+</sup>17]. **clones** [FRBB10]. **close** [BSE<sup>+</sup>16, Car10, RCL<sup>+</sup>09, VGBGPA02]. **closed** [BCH<sup>+</sup>19, DCD<sup>+</sup>14, GKH<sup>+</sup>07]. **closely** [VK04]. **closure** [WZZ<sup>+</sup>23]. **Clues** [WZB<sup>+</sup>14, DCC<sup>+</sup>13]. **Clupea** [ASF<sup>+</sup>16, GKR<sup>+</sup>18, Pro09, SPP22, TKF07]. **cluster** [RH14]. **clustered** [MC06]. **clustered-drifter** [MC06]. **CMarZ** [WBM<sup>+</sup>10]. **CMIP5** [LWS21, TdFAL19, WYOS18]. **CMIP6** [CHH<sup>+</sup>21, HKC<sup>+</sup>21, KGJ<sup>+</sup>25, KxF22, LWS21, LSWM22, QQJ<sup>+</sup>21, ZW23]. **Cnidaria** [AL14, BSJ13, Dau18, ROS<sup>+</sup>17, SS13a, SSK<sup>+</sup>23, Ste13]. **cnidarians** [HSY08]. **CO** [ALT<sup>+</sup>13, CFT<sup>+</sup>04, DHW98, ECD<sup>+</sup>17, Hei02, IIM02, PNS<sup>+</sup>09, SMP<sup>+</sup>15, TSS<sup>+</sup>02, WTL<sup>+</sup>06, YKS<sup>+</sup>19, ZNM<sup>+</sup>02, BBB<sup>+</sup>11b, MBHP99, OM14, BL99, CCS<sup>+</sup>16, ODCP98, PKHH17, RHD<sup>+</sup>18, SAB08, TFR<sup>+</sup>10, ZHK<sup>+</sup>05, AAG06, AKBD13, BBL<sup>+</sup>13, Bat01, BCWT00, BCM02, CG07, CB09a, CFT<sup>+</sup>04, CBB<sup>+</sup>95, CMNM16, CMB02, DOBH02, DVPR06, DLF<sup>+</sup>09b, DTR<sup>+</sup>09, DWW<sup>+</sup>02, FWC<sup>+</sup>95, FBC<sup>+</sup>02, IIM<sup>+</sup>09, ITMG18, KRF01, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, LSF<sup>+</sup>01, LBM09, MLVM02, MLBT25, MCJ<sup>+</sup>99, Mun07, MKS<sup>+</sup>02, NBSM01, NMW<sup>+</sup>09, NSvH<sup>+</sup>11, PWF03, PGK15, SDCH99, TSS<sup>+</sup>02, TSW<sup>+</sup>09, Zon07, vHHH<sup>+</sup>11, NOT<sup>+</sup>09, NCT13, NEN<sup>+</sup>07]. **Co-limitation** [BBB<sup>+</sup>11b, MBHP99]. **co-limited** [ZHK<sup>+</sup>05]. **co-occurring** [ODCP98, PKHH17, TFR<sup>+</sup>10]. **co-production** [RHD<sup>+</sup>18]. **co-variability** [BL99, CCS<sup>+</sup>16]. **co-variation** [SAB08]. **Coagulation** [DD95, Jac95a, Jac95b, LPA<sup>+</sup>95]. **coarctatus** [GKBG17]. **coast** [AKZL16, BMK05, CLF<sup>+</sup>09, FVSRR14, FPS10, FMFW07, FA02, HVWH09, HHMF11, IATK17, KDG<sup>+</sup>97, LWSZ13, MTMH11, NLDJ14, NPBS00, OG11, PTS01, RAL04, SW09, SLM<sup>+</sup>20, SPF10, SSW05, SGI<sup>+</sup>19, SGW<sup>+</sup>00, SKW07, SDLZ13, TWPP07, VBM<sup>+</sup>19, WT14, WGMW10, WNRM08, WMP<sup>+</sup>11, Ano14, DCS<sup>+</sup>18, KHGL<sup>+</sup>02, MMMC07]. **Coastal** [BT04, CPS05, HHD<sup>+</sup>09, LHM14a, MBOvL08, PCJ<sup>+</sup>05, PKA95, PHS<sup>+</sup>17b, SBC<sup>+</sup>16, WDR05, ATM<sup>+</sup>07, Ake19, ADBU18, AHV<sup>+</sup>00, Ano05d, AMK<sup>+</sup>05, BPS00, BC05, BMK05, BHS<sup>+</sup>19, BCVCHW04, BLD<sup>+</sup>06, BFF<sup>+</sup>10, CJA<sup>+</sup>06, CFZ<sup>+</sup>18, CSW<sup>+</sup>18, CB09a, CWL<sup>+</sup>23, CA06b, CBA<sup>+</sup>20, CBA<sup>+</sup>05, DSBS20, DHW98, DHGO23, DHS<sup>+</sup>09, DWHM06, EQW<sup>+</sup>13, EDF<sup>+</sup>04, EO02, FME<sup>+</sup>09, FWR<sup>+</sup>02, GBP00, GKB<sup>+</sup>18, GVD<sup>+</sup>97, HPWP07, HWTP07, HSO04,

HTA<sup>+17</sup>, HCHD09, HS05a, HEV<sup>+10</sup>, HLS<sup>+02</sup>, HWP<sup>+07</sup>, HTW14, HCRX16, Ike03, JJVH18, JCPC09, JFM<sup>+17</sup>, KCMA05, KC03, KC04, KGB06, KRAS24, LLK<sup>+16</sup>, LLR<sup>+06</sup>, LWDH06, LAGK<sup>+18</sup>, LDGH16, LSH<sup>+24</sup>, LPPK14, MTGY05, MBH<sup>+96</sup>, MM05, MTD<sup>+18</sup>, MPF<sup>+17</sup>, MBC<sup>+09a</sup>, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MKVT<sup>+04</sup>, NC97, NKB95, OC00, OTH05, PRC<sup>+09</sup>, PBG<sup>+10</sup>, PJLO<sup>+17</sup>, PK03, PFX<sup>+02</sup>, RHI00, RMBG11, Roy05, SH99c, SGW<sup>+15</sup>, SAM96, SFB16, SFB19]. **coastal** [SRS11, TAMTC<sup>+13</sup>, TDCV<sup>+06</sup>, Thu98, TMC<sup>+14</sup>, TLR<sup>+00</sup>, VLP<sup>+17</sup>, VSFF09, WLM23, WMB<sup>+08</sup>, WCH05, WCSA<sup>+16</sup>, WYW<sup>+02</sup>, YK05, YSBH06, bsBD<sup>+20</sup>, vGTG<sup>+00</sup>]. **coastal-oceanic** [BHS<sup>+19</sup>]. **coastline** [WRBS10]. **coasts** [PNC<sup>+06</sup>, SMLP04, TBW<sup>+11</sup>, WLR<sup>+00</sup>, vCO09]. **coatsorum** [RDW<sup>+22</sup>]. **Cobalt** [NSMBN08]. **Cobscook** [HTW14]. **coccoid** [SSW05]. **Coccolith** [Tan03, BZvHH00, SZS<sup>+07</sup>, YZ00, ZdBB<sup>+07</sup>]. **coccolith-CaCO** [BZvHH00]. **Coccolithophore** [BZvHH00, BBV00, CBT01, HT01, STD<sup>+20</sup>, ZT00, And00, BAR<sup>+02</sup>, ILCCC07, FS02, GSdS<sup>+14</sup>, PMS<sup>+20</sup>, PABH07, RWR<sup>+02</sup>, RWZ<sup>+02</sup>, SBH<sup>+02</sup>, SZS<sup>+07</sup>, WABW02, WTZ02]. **coccolithophore-dominated** [WTZ02]. **Coccolithophores** [BAS00, GC07, GMMS05, Zon07]. **coccolithophorid** [SMGB02, SMGB03]. **Coccolithophorids** [BH99a, SWZA02]. **coccoliths** [SLB<sup>+15</sup>, ZBvH<sup>+00</sup>]. **Coccolithus** [TTA<sup>+16</sup>]. **Cocculinid** [YERT13]. **cod** [BZS<sup>+16</sup>, BD06, CMNO23, CCC<sup>+23</sup>, CSS<sup>+22b</sup>, DTWF17, Dri09, EGOO22, FHAH16, HTPM14, HCAK17, HSC<sup>+19</sup>, IAA96, JGM09, KVS<sup>+09</sup>, LSHB09, LM96, LCR<sup>+96</sup>, LBB<sup>+06</sup>, LLW01, MMS<sup>+19</sup>, MEB<sup>+23</sup>, MDH16, MZH16, NHCL14, ODR<sup>+09</sup>, RG06a, RG06b, SRFR07, SH16, SHPM14, SSB<sup>+07</sup>, VSFF09, WPLN96, JDBP<sup>+05</sup>]. **cods** [PFPJ<sup>+09</sup>, WWN<sup>+22</sup>]. **coefficient** [DNA97, MNSMN<sup>+04</sup>]. **coefficients** [STWW01]. **Coelodendridae** [PPC<sup>+07</sup>]. **Coelodiceras** [PPC<sup>+07</sup>]. **Coelorhynchus** [KVM025]. **Coelorinchus** [FARLR<sup>+13</sup>]. **Coexistence** [Gut06]. **Coherent** [MDSA19, SLP<sup>+09</sup>]. **cohesive** [LYL22]. **Coho** [LWO<sup>+09</sup>, TBH09]. **cohorts** [LCW20, VSFF09]. **COI** [ABE<sup>+11</sup>]. **coincidence** [BWD20]. **colbecki** [SL06]. **Cold** [Cor10, FBP<sup>+17</sup>, GPCC<sup>+17</sup>, HRSJ23, KCD<sup>+17</sup>, KBFH14, LSL<sup>+15</sup>, ODP<sup>+17</sup>, RFJ10, SC10, SKdS<sup>+14</sup>, WMB<sup>+13</sup>, AM22b, Ala22, ASF<sup>+16</sup>, AHVB<sup>+17</sup>, BBAL<sup>+20</sup>, BBS<sup>+20</sup>, BCN<sup>+17</sup>, BDL<sup>+14</sup>, BNP<sup>+09</sup>, BHSJ16, BPR<sup>+10</sup>, BR14, CBHF10, CNM17, DCC<sup>+17</sup>, DGT<sup>+17a</sup>, EBM<sup>+25</sup>, EFW<sup>+14</sup>, ESL<sup>+10</sup>, FR10, FRC<sup>+10</sup>, FC15, FDP<sup>+14</sup>, GGO<sup>+14</sup>, HS96, HWK<sup>+14</sup>, HHH<sup>+22</sup>, HFL<sup>+15</sup>, JBJ17, JBS<sup>+10</sup>, KB15, Kel10, KHL<sup>+17</sup>, LPdR<sup>+14</sup>, LDBvdB17, LPPC<sup>+10</sup>, LLM<sup>+17</sup>, LZZ<sup>+16</sup>, LPMS09, LGR<sup>+14</sup>, MRB<sup>+14</sup>, MTM<sup>+13</sup>, MST<sup>+14</sup>, MSA<sup>+14</sup>, NOFP14, NLDJ14, OG11, OJK<sup>+10</sup>, OWW<sup>+12</sup>, PL04, RRL<sup>+14</sup>, RVC<sup>+13a</sup>, RDV<sup>+09</sup>, RBJW16, ROC<sup>+21</sup>, ROBV<sup>+18</sup>, Sco05, SO98, SKM<sup>+12</sup>, SSR<sup>+14</sup>, SGM<sup>+14</sup>, SDGH14, SKW07, TAC<sup>+17</sup>, TH99, VDS<sup>+20</sup>, WPJW96, YSAER25, ZWM12, vCO09, GdRGH<sup>+14</sup>]. **cold-air** [Sco05]. **cold-core** [LPMS09, OG11, SKW07]. **Cold-seep** [RFJ10, WMB<sup>+13</sup>, FR10, FRC<sup>+10</sup>, HFL<sup>+15</sup>, JBS<sup>+10</sup>, OJK<sup>+10</sup>, SO98].



**Cold-seep-like** [ODP<sup>+</sup>17]. **Cold-Water**

[Cor10, FBP<sup>+</sup>17, GPCC<sup>+</sup>17, KBFH14, SKdS<sup>+</sup>14, AHVB<sup>+</sup>17, BDL<sup>+</sup>14, BR14, CNM17, DCC<sup>+</sup>17, DGT<sup>+</sup>17a, EBM<sup>+</sup>25, EFW<sup>+</sup>14, ESL<sup>+</sup>10, FDP<sup>+</sup>14, GGO<sup>+</sup>14, HWK<sup>+</sup>14, JBJ17, LPdR<sup>+</sup>14, LDBvdB17, LLM<sup>+</sup>17, MRB<sup>+</sup>14, MTM<sup>+</sup>13, MSA<sup>+</sup>14, NOFP14, RRL<sup>+</sup>14, RVC<sup>+</sup>13a, ROC<sup>+</sup>21, SSR<sup>+</sup>14, SDGH14, TAC<sup>+</sup>17, YSAER25]. **coldspots** [WC24]. **collaboration** [GKB19, HAE<sup>+</sup>17, LTF<sup>+</sup>19]. **Collaborative** [MHO02]. **collapse** [GBD<sup>+</sup>11, MCS<sup>+</sup>09]. **collapsing** [SFD04]. **collected** [BEB<sup>+</sup>13, BEM<sup>+</sup>15, CR06, Can06, CP22, FB15, FK98, HAP03, HSY08, Kyt02c, LCL<sup>+</sup>09, MB15, Mar18, SBBP<sup>+</sup>15, Ste13, SLB13b, YA03]. **collection** [FA03]. **Collections** [KTSI07]. **colliei** [KM15]. **Colloidal** [NKB95, FCW<sup>+</sup>15]. **Cololabis** [TSB<sup>+</sup>14]. **Colón** [SCC98]. **colonial** [SDMC03]. **colonies** [LPCCF10, PZL<sup>+</sup>09]. **Colonization** [MCD<sup>+</sup>09, BDG<sup>+</sup>04, BRPH20, HDR<sup>+</sup>11, HK07, LV17, MTGY05, MMG98, OGG<sup>+</sup>15, PPFS17, RHW04]. **colonizing** [YERT13]. **colony** [AHVB<sup>+</sup>17, HPS<sup>+</sup>13, NCR<sup>+</sup>08]. **color** [CFS<sup>+</sup>06, CWP<sup>+</sup>15, DDN<sup>+</sup>04, HGAB04, KMLC<sup>+</sup>04, KKMSM12, KC04, LW04, MCS<sup>+</sup>02, MCS<sup>+</sup>03, MSC04, MKRY01, Pal04]. **colored** [DC00, GMC<sup>+</sup>12, MORB<sup>+</sup>15]. **colour** [MXC15, PTA<sup>+</sup>99, RN06, WPAP01]. **Columbia** [DCS<sup>+</sup>18, HBCG14, NDE14, HSBT19, KM15, MY99, MPZ04, PDC<sup>+</sup>99, VBM<sup>+</sup>19, WWB04, ZPG14]. **column** [ADAM02, BCI02, BFT<sup>+</sup>97, BRSIW95, BBB<sup>+</sup>11a, BT15, CB16, CA06b, ÇYFB<sup>+</sup>06, ÇYAYT06, CMA<sup>+</sup>09, CMB02, CPEN08, Cri95, DSO<sup>+</sup>97, DGB<sup>+</sup>98, DFK<sup>+</sup>06, EPPR09, GRS00, GQ09, HSS<sup>+</sup>18, HLNO96, HCRX16, JB01, KWF<sup>+</sup>19, KMLT06, LMM<sup>+</sup>17, LSC02, MS06a, Mas01, MGC<sup>+</sup>14, MKH<sup>+</sup>05, NSKG96, PFW<sup>+</sup>09, PPRHLF02, PLS<sup>+</sup>03, RTC06, RTFB09, SvLM95, SSUB15, SSL98, SFG98, SBA<sup>+</sup>20, SKM<sup>+</sup>14b, TGRB02, WHL<sup>+</sup>97, WWH97, YNG<sup>+</sup>16, Zon97]. **column-benthic** [MKH<sup>+</sup>05]. **columns** [HHH<sup>+</sup>15, VKM13]. **comatulid** [EBG<sup>+</sup>11]. **Combined** [TWL<sup>+</sup>15, BGCH20, KMD<sup>+</sup>01, MYN<sup>+</sup>96]. **Combining** [JLAD95, VALW23, BWS<sup>+</sup>98, RN06]. **COMICS** [GSB<sup>+</sup>23, VABCR<sup>+</sup>24]. **commensal** [STB<sup>+</sup>17]. **Comment** [BJF16, Eif05, JW05a, JR11, PTMH16]. **commentary** [BH19b, Ste10]. **comments** [CBMM15, SLC<sup>+</sup>15]. **commercial** [BGIJ<sup>+</sup>06, JR04, MES<sup>+</sup>23, Pas18, RSGC25, SRAs<sup>+</sup>24, SID19, YKO15, ZNM<sup>+</sup>02]. **commercially** [ADK<sup>+</sup>15, DM16b, SDB<sup>+</sup>19]. **commerson** [WYL<sup>+</sup>20]. **Common** [CV17, GQ09, CHV<sup>+</sup>15, LAP<sup>+</sup>17, SM12, SL06, VVM<sup>+</sup>12, VSFF09]. **communities** [ATI<sup>+</sup>23, ALSF<sup>+</sup>17, ACR<sup>+</sup>20, AZYT16, BN97, BLM<sup>+</sup>14, BOHW22, BAS00, BM17, BN04, BEZ<sup>+</sup>22, BRBD17, CBNR<sup>+</sup>09, CB97, CSM<sup>+</sup>13a, CHV<sup>+</sup>15, CMNM16, CBJ<sup>+</sup>23, CGG<sup>+</sup>19, Cor10, CNM17, DSB<sup>+</sup>18, DDN<sup>+</sup>04, DND04, DHGO23, DLKP14, DKP<sup>+</sup>17, DSYH09, EP18, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, FBB<sup>+</sup>13, GMR<sup>+</sup>09, GTTKB14, GD07, GGP<sup>+</sup>14, GARVK04, HHH<sup>+</sup>15, HCS05, HLL<sup>+</sup>09, HBB<sup>+</sup>13, HV03, JJVH18, JYM<sup>+</sup>15, JLY<sup>+</sup>16, JKP<sup>+</sup>17, JLJ<sup>+</sup>12, KOO<sup>+</sup>24, KRS<sup>+</sup>11, KGB16, KCL20, KHL<sup>+</sup>17, LLR<sup>+</sup>06, bLHsL<sup>+</sup>13, LB14, MPZ04, MP99, MTB09, MTK<sup>+</sup>18, MCD<sup>+</sup>09, MBC<sup>+</sup>09a,

MGK<sup>+</sup>17, MFS<sup>+</sup>23, NBB<sup>+</sup>02, NHH<sup>+</sup>13, NMS09, NRH<sup>+</sup>20, ODP<sup>+</sup>17, PA25, PBMM14, PDE<sup>+</sup>16, PRSS23, Qué13, RLB<sup>+</sup>18a, RH14, RAF<sup>+</sup>11, RHD<sup>+</sup>18, RVS11, RAB<sup>+</sup>17, RPZ<sup>+</sup>14, RKM<sup>+</sup>22, SLS<sup>+</sup>09, SLDL93, SLS<sup>+</sup>10, SS09, SO98, SKL<sup>+</sup>22, SPEPS18, SBE<sup>+</sup>99, SBSW07, SKW07, TBW<sup>+</sup>11, TDCV<sup>+</sup>06, TMP<sup>+</sup>13, VGSV09, VSD<sup>+</sup>97]. **communities** [VD98, Vri13, WW04a, WLC99, XGL15, XSM<sup>+</sup>19, YWI<sup>+</sup>02, YPY<sup>+</sup>13, ZFA<sup>+</sup>02, dSEDW11]. **Community** [BGB08, FWP<sup>+</sup>07, GBH<sup>+</sup>01, HTD13, HPM02, JBR<sup>+</sup>18, LPPC<sup>+</sup>10, MSH10, PF04a, PBO<sup>+</sup>11, RMB05, SSI<sup>+</sup>09, WREC18, AHR<sup>+</sup>06, AYMSAS19, ADBU18, Ano97c, ACBMQ08, ADGA05, ADGA06, AS95, BH14, BS03, BBH05, BCN<sup>+</sup>16, BGCH20, BGWF08, BG94, BF14, Blu01, BDG<sup>+</sup>04, BMGC09, BGKB06, BL01b, BLC<sup>+</sup>02, BLS<sup>+</sup>08, BMSBM<sup>+</sup>17, CLC<sup>+</sup>98, CTBNL08, CDM23, CSW<sup>+</sup>17, CSGC03b, CCW<sup>+</sup>08, CBW01, CBHF10, CKB<sup>+</sup>07, CPEN08, CMB12, CRI18, CJM<sup>+</sup>22, DSN<sup>+</sup>10, DGN<sup>+</sup>17, DCA09, DPS<sup>+</sup>14, DBS98, ENM<sup>+</sup>14, ENM<sup>+</sup>16, EBDL08, ECS<sup>+</sup>17, FSP<sup>+</sup>16, Fro04, FAMY20, GdRGH<sup>+</sup>14, GML99, GGPM05, GQ09, GS06b, GKGW22, HWTP07, HAH<sup>+</sup>01, HKN<sup>+</sup>09, HNK<sup>+</sup>12, HWS<sup>+</sup>98b, HSR<sup>+</sup>22, HKP10, HSK<sup>+</sup>00, HYZY10, HHX<sup>+</sup>10, HWTN22, Hug14, HPS<sup>+</sup>11, IIM02, IHI<sup>+</sup>97, JMN<sup>+</sup>15, JTK<sup>+</sup>14, KBL01, KSH<sup>+</sup>09, KFG<sup>+</sup>03, KCTG16, KAM<sup>+</sup>20, KW00, KNN<sup>+</sup>06, KCO<sup>+</sup>19, LCD<sup>+</sup>24, LRR<sup>+</sup>04, LK02, LHD<sup>+</sup>22, LDBvdB17]. **community** [LRN<sup>+</sup>14, LMM<sup>+</sup>97, LPPCF10, LGML00, LMKL09, LLH<sup>+</sup>15, LWW<sup>+</sup>15, LTW<sup>+</sup>22, LXS<sup>+</sup>13, LLT<sup>+</sup>00, LDSV98, MC05, MBHN02, MBHB09, MWK<sup>+</sup>20, MK21, MC18b, MCH22, MNV<sup>+</sup>20, MLK<sup>+</sup>12, MCL<sup>+</sup>12, MLS<sup>+</sup>15, MPTW11, NGS<sup>+</sup>15, NGS<sup>+</sup>20, NMC<sup>+</sup>07, NTH10, NPA<sup>+</sup>22, OYM<sup>+</sup>13, OYK15, OS02, PKW07, PK03, PTD<sup>+</sup>14, PMS<sup>+</sup>07, PABH07, PCP<sup>+</sup>17, QED<sup>+</sup>14, RKTG14, RSF<sup>+</sup>99, RIBW99, RWZ<sup>+</sup>02, RSR10, RMNB08, RBS<sup>+</sup>17b, SD06a, SWL<sup>+</sup>18, SSMM<sup>+</sup>08, SLMP07, SLA<sup>+</sup>01, SFW08, SRF<sup>+</sup>09a, SFV<sup>+</sup>98, SSAL<sup>+</sup>17, SVS93, SAW16, SSI19, SMB<sup>+</sup>98, SSP<sup>+</sup>06, SE14, SGM<sup>+</sup>14, SCWK08, SWMB10, SKH10b, SHC<sup>+</sup>00, TBEW99, TZS<sup>+</sup>01, TLSY11, TLSW15, TLR<sup>+</sup>00, TDKA05, UKM16, ULTL16, WGB<sup>+</sup>04, WAT12, WvdEM00, WCH<sup>+</sup>93, WBD17, WABW02, WTT<sup>+</sup>20, WvdE00, WvdEP<sup>+</sup>10, YHK15, YJL16, YNK07, Zel01, ZJH08, ZLW<sup>+</sup>19]. **compagnoi** [SLC<sup>+</sup>15]. **Comparative** [EAB<sup>+</sup>20, GMR<sup>+</sup>05, HPN<sup>+</sup>12, JASS02, KKSA19, LTG<sup>+</sup>09, RWN<sup>+</sup>08, Sum19, ZJH08, BDW<sup>+</sup>96, HAE<sup>+</sup>17, KYW20, LDHO<sup>+</sup>14, LH15, LPS14, MKD<sup>+</sup>20, NEO<sup>+</sup>07, RNP93, WZZ<sup>+</sup>23, WCS07, XZW<sup>+</sup>19]. **compared** [BQT08, LCE<sup>+</sup>23, SA15b, WGR<sup>+</sup>95]. **Comparing** [DLW<sup>+</sup>17, HON<sup>+</sup>13, HWJ20, Jac95a, KSM<sup>+</sup>11, OLP<sup>+</sup>20, WAC<sup>+</sup>09, FR10, NA13]. **Comparision** [OE06]. **Comparison** [ATM<sup>+</sup>07, AGGdC14, CBK<sup>+</sup>07, Dri09, Dud06, ETP<sup>+</sup>16, HPH<sup>+</sup>16, IYM10, KJL<sup>+</sup>17, KKD06, MR15, NRH<sup>+</sup>20, SRDV07, SKM<sup>+</sup>12, SGM<sup>+</sup>14, SKW07, TRM<sup>+</sup>15, WBO07, YLK<sup>+</sup>15, Zim19, bsBD<sup>+</sup>20, vdLBB<sup>+</sup>02, ABKL96, BAS00, BMML06, BGB08, BB03, BWAS02, BRBD17, Boy02, BBBM04, BL06, CFGR07, CFJL96, CFS<sup>+</sup>06, CES98, CC15, CCL<sup>+</sup>14, CMT93, CBW01, CM01, CDJM04, Dal04, DEL<sup>+</sup>17, DKJ13, DLKP14, DBC<sup>+</sup>02, DBH<sup>+</sup>20, EMG<sup>+</sup>15, FRC<sup>+</sup>10, FO05, GSGS01, GLdS<sup>+</sup>09, GWP<sup>+</sup>98b, HBP<sup>+</sup>14, HPS<sup>+</sup>13, HZS00, HCHD09, HIA<sup>+</sup>16, JVDH08, Kam18,

KGE<sup>+</sup>04, LB98a, LR97, LMG93, LW15, MBW<sup>+</sup>03, NVK<sup>+</sup>04, RJWD01, RD97, RHPC<sup>+</sup>19, RTC<sup>+</sup>07, RAL<sup>+</sup>01, SCGDU09, Sch02a, SVKT20, SFK<sup>+</sup>12, SCWK08, WPHL02, WCRG95, WAT12, WEB93, YD09, ZNM<sup>+</sup>02].

**Comparisons** [JWS01, MPZ04, MBS05, TSWJ12, CRT<sup>+</sup>00, DIM<sup>+</sup>12, HJS<sup>+</sup>10, MSH10, MDI<sup>+</sup>12, RDLZ02, WBJ<sup>+</sup>98]. **compensation** [SVS<sup>+</sup>20]. **competence** [BA01]. **competency** [GdRGH<sup>+</sup>14, VSGM03a, VSGM03b]. **competing** [PSUH<sup>+</sup>16]. **competition** [ARWM13, DMFB19, LSWH07]. **compilation** [LMB<sup>+</sup>98, Lut09]. **compiled** [FRW00]. **Complementarity** [Bro19]. **Complementary** [MS18]. **Complete** [FB14]. **Complex** [DSE<sup>+</sup>14, DDB<sup>+</sup>17, DJC<sup>+</sup>14, KBB07, ROB<sup>+</sup>17, SDT<sup>+</sup>17, SJD<sup>+</sup>11, TT17, Vri09]. **complexation** [BSS15, PD01, TGK<sup>+</sup>11, TAL<sup>+</sup>12]. **complexed** [TLF97]. **complexing** [ISB<sup>+</sup>11]. **Complexities** [BFK<sup>+</sup>14]. **complexity** [BF14, FHW06, MDK<sup>+</sup>01]. **component** [BA10, BWD20, RI05, WDMEL01]. **components** [HIN<sup>+</sup>02, JCP<sup>+</sup>22, SNIT02]. **composite** [HMA20].

**Composition** [Ala18, Ala22, BHJ<sup>+</sup>14, BFB<sup>+</sup>18, BCB07, CMH09, FB15, GSB<sup>+</sup>03, Kam15, KRS<sup>+</sup>11, Kyt02a, MB15, SSMM<sup>+</sup>08, WACGH11, WAP<sup>+</sup>18, ZRC<sup>+</sup>11, AWL<sup>+</sup>09, AHR<sup>+</sup>06, Ala13, Ala15, ADBU18, ARC02, AHV<sup>+</sup>17, Ano97b, ADGA05, ADGA06, ASF<sup>+</sup>12, BRCFP23, BDR16, BTV<sup>+</sup>11, BH14, BBLS14, BGS98, BMGF93, BSK<sup>+</sup>97, BS98, BOB20, BTR20, BRP<sup>+</sup>13, BAF<sup>+</sup>18, BZvHH00, BOKA16, CVF11, CAFK03b, CBHF10, CG04, CPEN08, DDN<sup>+</sup>04, DSN<sup>+</sup>10, DGMS96, DB05, DPS<sup>+</sup>14, DDB<sup>+</sup>17, DAN23, DKGT04, EBGCL08, ER05, FLLGR04, FGW02, FCB08, GVW<sup>+</sup>19, GSM<sup>+</sup>08, GBH<sup>+</sup>17, GBLS00, GFS99, GK02, HMH<sup>+</sup>02, HK01, Hil04, HTD13, Hug14, IOK03, iTT<sup>+</sup>15, JBR<sup>+</sup>18, JLR<sup>+</sup>13, Kam13, Kam18, KSH<sup>+</sup>09, KSL<sup>+</sup>04, KCZ<sup>+</sup>19, KR95, KME18, KMM<sup>+</sup>08, KYI10a, KLY<sup>+</sup>15, KHH<sup>+</sup>17, LCVV06, LCD<sup>+</sup>24, LOA15, LPPC<sup>+</sup>10, LPPCF10, Lin04, LKH<sup>+</sup>07, MC05, MGHN01].

**composition** [MHA<sup>+</sup>01, MHPS19, MO96, MNV<sup>+</sup>20, MNPT06, MLK<sup>+</sup>12, NMK<sup>+</sup>20, NESB<sup>+</sup>15, NDG96, OA11, PVK<sup>+</sup>20, PK03, PTD<sup>+</sup>14, PTWM12, PMS<sup>+</sup>07, PGZ<sup>+</sup>09, QNL<sup>+</sup>16, RCW<sup>+</sup>15, RRWR08, RSF<sup>+</sup>99, RNR20, RJGBF02, RQRVM10, RBS<sup>+</sup>17b, SSMC10, SLA<sup>+</sup>01, SOS01, SRH<sup>+</sup>11, SFG98, SHH03, SBG<sup>+</sup>98, SHR02, SGM<sup>+</sup>14, SL12, STR<sup>+</sup>14, SBS<sup>+</sup>08, STS11, TLSW15, TMP<sup>+</sup>19, TDKA05, VOK<sup>+</sup>24, WMS<sup>+</sup>96, WCWW99, WCL<sup>+</sup>15b, Zel01, ZCG<sup>+</sup>12, ZWJ<sup>+</sup>19, KVB<sup>+</sup>09]. **Compositional** [MvSHD01, DF16].

**Compositions** [WHL<sup>+</sup>97, BLM<sup>+</sup>10, CH07, CMVS<sup>+</sup>10, CML<sup>+</sup>09, JKP<sup>+</sup>17, KJL<sup>+</sup>17, KLL03, KWPB15, KLJ<sup>+</sup>16, SHWW22, WBD17, YLK<sup>+</sup>15, ZWQ<sup>+</sup>19]. **compound** [EBG<sup>+</sup>15]. **compounds** [ABC<sup>+</sup>04, HTML98, HML99, PSK00a].

**Comprehensive** [PMJ20, BMG<sup>+</sup>04, CW18]. **compression** [SLS17]. **compromise** [SLD<sup>+</sup>13]. **computations** [Lar04]. **Computer** [OM02, PWL07]. **concentrating** [NSMBN08]. **Concentration** [HAP03, SZG<sup>+</sup>13, ATS<sup>+</sup>96, BSS20, CMNM16, DO96, GMM<sup>+</sup>20, GWWL03, MPS<sup>+</sup>21, MGR03b, NDT<sup>+</sup>01, PHD<sup>+</sup>18, PLHMA06, SWR<sup>+</sup>95].

**Concentrations** [RWJ06, ARF<sup>+</sup>13, BSE<sup>+</sup>16, BMML06, CBV<sup>+</sup>16, EGL<sup>+</sup>16, FJG<sup>+</sup>00, FBCN00, GMR06, HTS<sup>+</sup>09, HK01, HA03, IS07, Ike03, KSBK01,

KLL098, KMD<sup>+</sup>01, Kyt02b, LOA15, LMM<sup>+</sup>17, LZB96, LCL<sup>+</sup>09, NTK<sup>+</sup>09,  
 OHT12, OE06, RVC<sup>+</sup>13a, RGS<sup>+</sup>97, SMLP04, SG99, SRW<sup>+</sup>10, TP99,  
 TRM<sup>+</sup>15, WSS<sup>+</sup>08, WR01, WSB<sup>+</sup>09, XWZ24]. **Concepción**  
 [CDJM04, MFG<sup>+</sup>04, UPS04, VLSS<sup>+</sup>04]. **concept** [MST<sup>+</sup>14]. **concepts**  
 [MSS15, NTA<sup>+</sup>10]. **Conceptual** [SHM13, MD06, RDSA<sup>+</sup>21, VSGGPR14].  
**concinna** [GWDP11]. **conclusions** [BFF94]. **concretions**  
 [FSCC07, GPBV<sup>+</sup>07]. **concurrent** [JOD98, MT98, VALW23]. **Condition**  
 [NVK<sup>+</sup>04, VMF<sup>+</sup>16, BZMC20, CLB96, CCC<sup>+</sup>23, CSS<sup>+</sup>22a, CSS<sup>+</sup>22b,  
 DDAH<sup>+</sup>14, FHAH16, GKR<sup>+</sup>18, HSFN13, HRM<sup>+</sup>18, JH04, KMOM19,  
 LCR<sup>+</sup>96, MCBC08, MZH16, NKK<sup>+</sup>00, NLY<sup>+</sup>13, OVKN11, SMH<sup>+</sup>06,  
 SRFR07, VKM<sup>+</sup>10, WBA<sup>+</sup>17]. **Conditions**  
 [LMH<sup>+</sup>18, ASF<sup>+</sup>16, BN05, BES11, BKP<sup>+</sup>20, BG08, BBL<sup>+</sup>13, BZ20, BFDB17,  
 BCDV02, BMH<sup>+</sup>94, BLH05, BVB<sup>+</sup>14b, CAS<sup>+</sup>16, CJA<sup>+</sup>06, CFKS05, CFS09,  
 CDJM04, Dal04, DSG<sup>+</sup>09b, DBL<sup>+</sup>05, DG18, EGG<sup>+</sup>05, FBP<sup>+</sup>17, FLLGR04,  
 FLTV04, GEP<sup>+</sup>16, GWWL03, GNT<sup>+</sup>17, Had11, HSB<sup>+</sup>16, HMW00, HSR<sup>+</sup>16,  
 HSFN13, HNRGL06, ITT12, JTW00, JD08, JGM09, KB99, KFF<sup>+</sup>94, KSH12,  
 KMM<sup>+</sup>08, KTSI07, KT02, LT16, LH15, LLK05, LAT<sup>+</sup>18, MPG<sup>+</sup>97, MDTs11a,  
 MPV<sup>+</sup>11, MAK<sup>+</sup>16, MAA<sup>+</sup>04, MAA<sup>+</sup>05, NVBJ08, NCR<sup>+</sup>08, OT12, PS04a,  
 PNL<sup>+</sup>19, RRL<sup>+</sup>14, RMB05, RVJG<sup>+</sup>02, RVJG<sup>+</sup>05, RSS01, SMZ<sup>+</sup>08, SMB<sup>+</sup>13,  
 SLS17, SAA<sup>+</sup>17, SSR13, SHH03, SBG<sup>+</sup>03, SBK08, SMH<sup>+</sup>11, SLP<sup>+</sup>17,  
 TBW<sup>+</sup>11, UPS04, VGGLB15, VPP07, WSB13, YFL<sup>+</sup>23, vOSG<sup>+</sup>11].  
**CONDOR** [GMB13, BLM13, BRP<sup>+</sup>13, CVA<sup>+</sup>13, CSM<sup>+</sup>13a, CGPM13,  
 MDG13, MG13, PGPI<sup>+</sup>13, PGPP<sup>+</sup>13, RG13, SMB<sup>+</sup>13, THM<sup>+</sup>13, ZBC<sup>+</sup>13].  
**conducted** [SL12]. **confamilials** [SI09]. **Conference** [Ano06e, FS24].  
**confidence** [SSM09]. **Configuring** [SMA01]. **confined** [AJG<sup>+</sup>10, DL04].  
**conflicts** [HBC<sup>+</sup>15]. **Confluence** [GSMG04]. **confronted** [BCE<sup>+</sup>07].  
**confronting** [PCL22]. **Congo**  
 [BMD<sup>+</sup>17, BSS<sup>+</sup>17, CRD<sup>+</sup>17, DDB<sup>+</sup>17, MRP<sup>+</sup>17, OCG<sup>+</sup>09, ODP<sup>+</sup>17,  
 PTD<sup>+</sup>17, PCB<sup>+</sup>17, PDS<sup>+</sup>17, RCL<sup>+</sup>09, ROB<sup>+</sup>17, RBDO17, RdGM<sup>+</sup>09,  
 SBDB09, SSB<sup>+</sup>17, SDT<sup>+</sup>17, TBC<sup>+</sup>17, VPA<sup>+</sup>09, VKC09, vCO09]. **Congolobe**  
 [ROB<sup>+</sup>17, RBDO17]. **Connecting** [MD17, RH14, HGM<sup>+</sup>11]. **connection**  
 [BPS00, CBBM12, Har06]. **connections** [MTWH04]. **Connectivity**  
 [CBA<sup>+</sup>20, HSC<sup>+</sup>19, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, GSC<sup>+</sup>19, GDAMS19, LHM14a,  
 PHH<sup>+</sup>16, RMBG11, SWK<sup>+</sup>23, SGI<sup>+</sup>19, TM22, VVM<sup>+</sup>12, VHC<sup>+</sup>17, YSC<sup>+</sup>20].  
**connexions** [CPF<sup>+</sup>14]. **consecutive** [RSF<sup>+</sup>99]. **Consequences**  
 [VHT<sup>+</sup>20, AL13, DAA<sup>+</sup>20, EDF<sup>+</sup>04, PPRHLF02, Rod13, TTU01].  
**Conservation** [ASBR17, BCG<sup>+</sup>22, BM17, CHS17, DCC<sup>+</sup>17, DHS<sup>+</sup>14,  
 DLW<sup>+</sup>17, LBY<sup>+</sup>10, MGT<sup>+</sup>20, PRDB<sup>+</sup>17, PWB<sup>+</sup>06, SCCG09]. **conservative**  
 [BWD20]. **conserve** [DWG<sup>+</sup>15]. **considerable** [PRB<sup>+</sup>11]. **considered**  
 [TSW<sup>+</sup>12]. **considering** [CWSH20]. **Consistency** [LSF<sup>+</sup>01, CBB<sup>+</sup>95].  
**Consistent** [BFML<sup>+</sup>08, KHL<sup>+</sup>17, TGK<sup>+</sup>11]. **constant** [VCM<sup>+</sup>14].  
**constellation** [RAS23]. **constrain** [HSM<sup>+</sup>01a]. **constrained**  
 [CJM<sup>+</sup>22, OUJ<sup>+</sup>19]. **Constraining** [BA10, DDK<sup>+</sup>00]. **Constraints**  
 [CTGD08, Cha07, FDP<sup>+</sup>14, PC98, WJS<sup>+</sup>10, WCJ97]. **construct** [CW18].

**Constructing** [RDSA<sup>+</sup>21]. **Consumption** [CBA<sup>+</sup>05, BLW<sup>+</sup>09, CSGC03b, DSO<sup>+</sup>97, HDJP05, HRG<sup>+</sup>16, MBC<sup>+</sup>09b, PCB<sup>+</sup>17, RCL<sup>+</sup>09, RMNB08, SMV<sup>+</sup>03, SLZ<sup>+</sup>16, SH16, SLLT10, TS13, VRL<sup>+</sup>02]. **contact** [AHML95]. **containing** [ABS<sup>+</sup>14, CP03, SW01, WLC99]. **contaminant** [ACV<sup>+</sup>01, ACG<sup>+</sup>01, CM99b]. **contaminants** [BMB<sup>+</sup>18, HFK<sup>+</sup>02, SSLP95]. **contamination** [SHF<sup>+</sup>95]. **contemporary** [Jam18, MBG18]. **Content** [KDU<sup>+</sup>10, CHV<sup>+</sup>15, EWP<sup>+</sup>99, GGRJD<sup>+</sup>10, HHH01, HRM<sup>+</sup>18, ITK<sup>+</sup>16, Mil94b, MS12, RS02, RWT<sup>+</sup>20, SWC<sup>+</sup>02, WGMC14, WPFB11, YOO<sup>+</sup>10, YBC<sup>+</sup>17]. **Contents** [Ano96b, Ano96c, Ano95g, Ano98g, Ano99f, Ano00f, CH07, DBMI17, KLL03, YQMB20]. **context** [BG08, BvWR<sup>+</sup>20, BA02, LGR<sup>+</sup>14, Mit96, OWW<sup>+</sup>12, TAC<sup>+</sup>17, WGNH15]. **contextual** [RPH<sup>+</sup>06]. **contiguous** [MSG018]. **Continent** [SSC<sup>+</sup>23].

**Continental**  
[CB09a, DTWF17, KHB<sup>+</sup>04, PDBH03, SSL98, WCK<sup>+</sup>18, AAG02, ASBM02, APT11, AMH<sup>+</sup>01, ARW<sup>+</sup>04, BBB94, BDW<sup>+</sup>98, Bau02, BDWG02, BH99a, BBS<sup>+</sup>20, BLM<sup>+</sup>10, BBDL98, BRW00, BPB<sup>+</sup>94, BH94, BD94, Bla94, Bol08, BLD<sup>+</sup>06, BHSJ16, BCA<sup>+</sup>03, CLT94, CBNR<sup>+</sup>09, CFL<sup>+</sup>99, CA06a, Che03, CWFP94, CKH<sup>+</sup>08, CDL94, DAA<sup>+</sup>20, DGN<sup>+</sup>17, DTB<sup>+</sup>02, DBD03, DC08, DCR94, DK04, DKS11, DBDT03, DT08, DEK<sup>+</sup>08, DDB<sup>+</sup>97, DME<sup>+</sup>18, EBGCL08, FBS94, FGU04, FARLR<sup>+</sup>13, GMR<sup>+</sup>09, GTSC08, GLDCA<sup>+</sup>06, GPMZ<sup>+</sup>10, Gau07, GSM<sup>+</sup>08, GBP<sup>+</sup>13, GOM<sup>+</sup>09, HB03, HBBD03, HBCG14, HBT<sup>+</sup>08, Har94, Hec94, HZMH07, HMLS<sup>+</sup>06, HdMR<sup>+</sup>99, Hil94, HVN02, HvH04, HS05b, HZWW16, IOK03, IGP<sup>+</sup>06, JWO<sup>+</sup>09, JBD<sup>+</sup>09, JWCC99, KGB<sup>+</sup>11, Kem94, KFF<sup>+</sup>94, KBKW13, LG00, LSM<sup>+</sup>06a, LLM<sup>+</sup>17, LRV<sup>+</sup>02, MY99, MPZ04, MAK<sup>+</sup>16, MS06b, MMWM00, MKB<sup>+</sup>10, Mil94b, MLH<sup>+</sup>22].

**continental**  
[MSG<sup>+</sup>00, MLG<sup>+</sup>04, MMM<sup>+</sup>00, NEO<sup>+</sup>07, NAT<sup>+</sup>12, NMS09, NCSB<sup>+</sup>98, OBC<sup>+</sup>14, OHT12, OPV11, PK08, PKHH17, PBVC<sup>+</sup>16, PRP15, PPM02, QSA<sup>+</sup>09, RCL<sup>+</sup>09, RH99, RV00, RH94, RFJ10, RSH10, RTM14, RSRL00, RBP<sup>+</sup>94, SLS17, SC10, SL94, SSV02, SGC03, SSM<sup>+</sup>00, SK02, SMD08, SSR96, SLZ<sup>+</sup>16, SM20, SM23, SGFP13, SN00, SHY10, SJSI00, TBA<sup>+</sup>02, VBF<sup>+</sup>02, WZL<sup>+</sup>16, Wir94, ZZY<sup>+</sup>19, ZWJ<sup>+</sup>19, dSJB<sup>+</sup>11, vWDB<sup>+</sup>01, RA98].

**continental-shelf** [FGU04]. **Continuity** [FBB<sup>+</sup>13, PSK<sup>+</sup>00b]. **Continuous** [CDG00, NMW<sup>+</sup>09, FWS94]. **contourite** [HMLS<sup>+</sup>06]. **contraction** [FJR<sup>+</sup>20]. **Contrasted** [JTK<sup>+</sup>14, BGG<sup>+</sup>09, JAM<sup>+</sup>14]. **Contrasting** [BSW<sup>+</sup>13, BSR08, CEG<sup>+</sup>11, CMC11, MLBT25, MWF<sup>+</sup>19, MCS<sup>+</sup>09, NRS14, SHC<sup>+</sup>22, TPW07, TBW<sup>+</sup>11, dCHdOF<sup>+</sup>18, BBE<sup>+</sup>13, DDB<sup>+</sup>97, GFW07, KMB11, LGO08, NCR<sup>+</sup>08, SKL<sup>+</sup>22, Wit00, vdLEM<sup>+</sup>14]. **contribute** [CCS<sup>+</sup>16]. **contributing** [ANL13, FGH<sup>+</sup>13a, PDY20]. **Contribution** [Ano09b, LTS<sup>+</sup>13, MRSLM<sup>+</sup>19, NAT<sup>+</sup>12, AHHCR23, BMS<sup>+</sup>18, BH99a, BRPI02, DURP03, DB97a, GDM<sup>+</sup>25, Har06, JSP<sup>+</sup>17, KW03, KNB11, LKJ<sup>+</sup>15, OT03, RvAH10, RT20, SWSL14, TRH<sup>+</sup>08, WDKC00, ZdBB<sup>+</sup>07, IPH<sup>+</sup>17]. **Contributions** [DO96, GBB<sup>+</sup>17, CPM<sup>+</sup>18, KD13, LCL<sup>+</sup>98]. **contributors** [Gra09]. **Control** [KMC05, PHS<sup>+</sup>11a, SD96, ADRS19, Arm03, BSSK<sup>+</sup>08,

DSN<sup>+</sup>10, ECD06, EAF<sup>+</sup>17, FAS<sup>+</sup>03a, HC01, HBCG14, HH03, HSW<sup>+</sup>02, HPS<sup>+</sup>11, HRG<sup>+</sup>16, HKY<sup>+</sup>16, KIIW03, LMDW06, LHKHH10, MLG<sup>+</sup>02, MTWC<sup>+</sup>15, ML20, NGS<sup>+</sup>15, NCCR<sup>+</sup>12, SFR<sup>+</sup>06, SLS<sup>+</sup>10, SBD<sup>+</sup>97, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, TBB<sup>+</sup>08, WZW<sup>+</sup>22]. **controlled** [HDP199, JB01, WGR<sup>+</sup>97]. **Controlling** [WC09, ZWC<sup>+</sup>15, BN05, BCM02, BES95, GSMB01, HB03, HWTN22, KMO09, KMLT06, LL00, MLS01, SGC03, VPP07, WMM02]. **Controls** [AM02, BMG<sup>+</sup>17, DRH<sup>+</sup>09, ETDB11, HPY<sup>+</sup>15, HKO<sup>+</sup>17, LG15, MMG<sup>+</sup>07, WKM<sup>+</sup>07a, ARF<sup>+</sup>13, AMN<sup>+</sup>02b, CMB12, DS21, DWHM06, ECD<sup>+</sup>17, FGF<sup>+</sup>14, FAS<sup>+</sup>03b, HWC07, MPH<sup>+</sup>95, MDB98, MHB05, PLR02, PVRA07, TCH<sup>+</sup>16, WCMB06, WRZ<sup>+</sup>19]. **convection** [BK99, Car07, GKH<sup>+</sup>07, KB99, LGQ99]. **Convective** [GDL22, FM99, HC01, HB05, TS93, Tho24, TH99]. **convergence** [CHSVB<sup>+</sup>19, DL01, HH93]. **convergent** [AAB<sup>+</sup>97, Joh96]. **conversion** [DDK<sup>+</sup>00, GLM04, SLT10]. **Cook** [MCH22, MMSS14]. **Cool** [MSRM14, FHAH16]. **cooled** [PFPJ<sup>+</sup>09]. **Cooling** [HKSV11, Ber07, KDSR19, Ou05, YK16]. **CoOP** [Ano06f, LWDH06, VLK06, WLD<sup>+</sup>06]. **CoOP-WEST** [LWDH06]. **cooperation** [Hem99]. **cooperatively** [GFCS04]. **coordinate** [EOB03]. **coordinates** [CJ19, Joh19, Mar19]. **Copepod** [PPFS17, SSMC10, URDP01, AS95, BDW<sup>+</sup>96, CG21, DG18, EAF<sup>+</sup>17, GGF<sup>+</sup>08, GO10, GW98, HEV<sup>+</sup>10, IAA96, LYN<sup>+</sup>13, MN10, MWK<sup>+</sup>20, NLY<sup>+</sup>13, PK03, PTWM12, RPJ<sup>+</sup>06, SVC<sup>+</sup>08, SM15, Thi98, UFAK06, VK04, YMC<sup>+</sup>22, YQMB20]. **Copepoda** [AS01a, CSS<sup>+</sup>10, SLB18, UFAK06, VK04]. **copepodite** [Kli09]. **copepodite-V** [Kli09]. **copepodites** [CM01]. **Copepods** [DBR22, SSHM<sup>+</sup>08, BDR16, BOKA16, CHG20, CDRB16, CBMM15, CHSVB<sup>+</sup>19, DURP03, DB97b, DLB02, DC06, HNCW23, JPC06, KSU<sup>+</sup>08, KUN10, KIN<sup>+</sup>10, MNN10, ODCP98, PBS06, PKZ<sup>+</sup>19, RFF<sup>+</sup>02, SSMM<sup>+</sup>08, STFL<sup>+</sup>13, SNS<sup>+</sup>16, YOK<sup>+</sup>10, YOO<sup>+</sup>10]. **Copley** [Ano97b]. **Copper** [JM15, AIW03, BBB13]. **copper-binding** [BBB13]. **copulatory** [LV17]. **Coquimbo** [GHIM04]. **Coral** [Cor10, NCT13, SEM16, VSR<sup>+</sup>10, ZMYS13, ATI<sup>+</sup>23, AHVB<sup>+</sup>17, BM17, BRB<sup>+</sup>13, BR14, CMVS<sup>+</sup>10, CNM17, DMS<sup>+</sup>10, DCC<sup>+</sup>17, DGT<sup>+</sup>17a, Di 10, DAN23, DSE<sup>+</sup>14, DQC14, EBM<sup>+</sup>25, EFW<sup>+</sup>14, ESL<sup>+</sup>10, EWF<sup>+</sup>18, EP18, FBP<sup>+</sup>17, GGO<sup>+</sup>14, HWK<sup>+</sup>14, HKY<sup>+</sup>13, JBJ17, KBFH14, LPdR<sup>+</sup>14, LDBvdB17, LOB<sup>+</sup>09, bLHsL<sup>+</sup>13, LGR<sup>+</sup>14, LB14, MTR<sup>+</sup>10, MDC<sup>+</sup>10, MDTG13, MSA<sup>+</sup>14, NRSL17, NDE14, OGJ<sup>+</sup>19, PCY<sup>+</sup>13, RRL<sup>+</sup>14, RVC<sup>+</sup>13a, ROS<sup>+</sup>17, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, RVD<sup>+</sup>10, SGPD<sup>+</sup>14, SF24, SAW16, SKdS<sup>+</sup>14, SSR<sup>+</sup>14, SDGH14, STR<sup>+</sup>14, SYK<sup>+</sup>13, TAMTC<sup>+</sup>13, TAC<sup>+</sup>17, WHC24, WYIT13, YPY<sup>+</sup>13, SC10]. **coral/carbonate** [NRSL17]. **Coralliidae** [FB14]. **corals** [BCN<sup>+</sup>17, BDL<sup>+</sup>14, BWH<sup>+</sup>17, DRRBC16, FDP<sup>+</sup>14, GPCC<sup>+</sup>17, KFTE14, LLM<sup>+</sup>17, MRB<sup>+</sup>14, MTM<sup>+</sup>13, MBMGK08, NOFP14, PSB14, PFDD16, ROC<sup>+</sup>21, VOK<sup>+</sup>24, YSAER25, YLG<sup>+</sup>18]. **Core** [SBR<sup>+</sup>97, AMH<sup>+</sup>24, BSG<sup>+</sup>11, Bre93, CLQ<sup>+</sup>18, FM03a, GTB15, LPMS09, MFFM03, NGM<sup>+</sup>05,

OG11, OMAA18, RYT01, SCD<sup>+</sup>22, SCGB18, SKW07, TNT<sup>+</sup>15, ZDBG05].  
**Core-top** [SBR<sup>+</sup>97]. **core-use** [SCGB18]. **corer** [FB15]. **cores**  
 [CWJ99, DF16, DSE<sup>+</sup>14, HB03, Kyt02b, Kyt02c, OTNT05]. **Corethron**  
 [CHR97]. **coretop** [AKHR<sup>+</sup>20]. **Corexit** [PPS<sup>+</sup>16]. **Cork** [OM14, TFR<sup>+</sup>10].  
**corollaries** [BL98]. **CorReCAP** [ZMYS13]. **correction** [CHG15].  
**correlated** [GDE<sup>+</sup>96]. **correlates** [WC02]. **Correlation**  
 [HSFN13, CLC<sup>+</sup>03, HS93, SCL<sup>+</sup>04, SLP<sup>+</sup>09]. **correlations** [KRGT14].  
**corridor** [AJR<sup>+</sup>15]. **Corrigendum**  
 [AN06, CC00, CM16a, CBF<sup>+</sup>16, DTWW21, ENM<sup>+</sup>16, ELG<sup>+</sup>22a, GAL<sup>+</sup>20,  
 RVJG<sup>+</sup>05, RSCFT<sup>+</sup>16, RAF<sup>+</sup>14a, RDC<sup>+</sup>18a, VSGM03a, WJD<sup>+</sup>00a].  
**corrosion** [SC16]. **corrosive** [CMPB18]. **corsellii** [BBAL<sup>+</sup>20]. **Cortés**  
 [FLT04, FLTCV10]. **Coruña** [BFM<sup>+</sup>14]. **Coryphaena** [TMGLM19].  
**Coryphaenoides** [MSW<sup>+</sup>13, RCCP13]. **Coryphella** [Mar13]. **cosmogenic**  
 [CLGM05]. **Cosmonaut** [LXWC21, VJP<sup>+</sup>10, WZW<sup>+</sup>22, YCT<sup>+</sup>22, YMC<sup>+</sup>22].  
**cosmopolitan** [SF24]. **cost** [AKK<sup>+</sup>17, RG06a]. **Coulter** [JLAD95].  
**Counter** [PBD<sup>+</sup>02, FMFW07, WMH<sup>+</sup>07]. **counter-rotating**  
 [FMFW07, WMH<sup>+</sup>07]. **countercurrent** [CGR<sup>+</sup>00, CMBPM04]. **counting**  
 [LBJ<sup>+</sup>13]. **Coupled** [AMP<sup>+</sup>03, HKC<sup>+</sup>21, HCRX16, SSSC19, WBBM01,  
 AGL<sup>+</sup>19, BFK<sup>+</sup>14, CRS<sup>+</sup>19, CMAO<sup>+</sup>12, CM03, DP99, DP02, DCL<sup>+</sup>21,  
 DGN96, Gre01, HHD<sup>+</sup>09, HKMS03, HAM<sup>+</sup>15, JCD<sup>+</sup>03, JAM<sup>+</sup>14, KKUK10,  
 LCL<sup>+</sup>10, MMSS14, RPB99, SMSA05, TLMT97, WMC06, ZG15]. **Coupling**  
 [BJ15, PSK00a, SM00, VRL<sup>+</sup>02, BGS<sup>+</sup>08, CCBL14, CLL<sup>+</sup>03, CA06b,  
 CPC<sup>+</sup>03, CBS<sup>+</sup>01, CSG<sup>+</sup>13, DGS<sup>+</sup>05, ELB<sup>+</sup>02, Eck94, GHM02, HV98,  
 JLR<sup>+</sup>13, LCT<sup>+</sup>07b, MZG<sup>+</sup>24, MKH<sup>+</sup>05, MR08, RMC<sup>+</sup>08, RTM<sup>+</sup>20, SBD05,  
 SRW<sup>+</sup>10, SMD06, SDMS06, TBC<sup>+</sup>17, WZB<sup>+</sup>14]. **couplings** [SS05a, SS05b].  
**course** [CLMK13]. **Covariability** [PO15, TBH09]. **Covariances** [Wun13].  
**covariates** [CM16a, CM16b]. **Covariation** [MKRY01]. **Cove** [LPAR24].  
**Cover** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e,  
 DCF<sup>+</sup>18, HH20, HBO11, KCZ<sup>+</sup>19, LTW<sup>+</sup>11, NVBJ08, WYOS18, ZAC<sup>+</sup>15,  
 Ano17f, Ano17g, Ano17h]. **coverage** [CSG<sup>+</sup>13, HVBO08]. **covered**  
 [CDRA08, DC12, KSM<sup>+</sup>11, MGC<sup>+</sup>14, RHPC<sup>+</sup>19, RFHL99, SSMM<sup>+</sup>08].  
**covering** [PP13]. **COVIS** [BSX<sup>+</sup>15]. **crab**  
 [CB00a, FJR<sup>+</sup>20, GKBG17, HC13, RAL04, RAR04, VAM97]. **crabeater**  
 [BCF<sup>+</sup>04, BHBC08, GFCS04, MCBC08]. **crabs** [DBMI17, KL13].  
**Cranchiidae** [SRS<sup>+</sup>20]. **crater** [ASS02, Mas02, OM02, TGFE02]. **craters**  
 [PPM02]. **create** [JHS<sup>+</sup>17, SPW<sup>+</sup>22]. **Creek** [Cha07]. **Crenarchaeota**  
 [YLD09]. **Cretan** [PVK<sup>+</sup>20, PZT<sup>+</sup>19, TMP<sup>+</sup>19, TKP<sup>+</sup>20, VPK<sup>+</sup>19]. **Crete**  
 [KVPK20]. **crinoid** [BSCR11, EBG<sup>+</sup>11]. **crinoid-dominated** [BSCR11].  
**criophilum** [CHR97]. **cristatus** [Kli09]. **Critical**  
 [NISG05, DABF<sup>+</sup>16, TS13, YKSI19]. **Crocker** [LRR<sup>+</sup>04]. **crop** [OT03]. **crops**  
 [DEL<sup>+</sup>17]. **Cross** [CSGC03a, DKS03, GGPM05, HLZY10, Jen03, MKT<sup>+</sup>15,  
 PBS06, PG97, CMC11, CP05, DK04, DGS<sup>+</sup>05, GNG<sup>+</sup>22, HHD<sup>+</sup>09, HZN<sup>+</sup>16,  
 HCG<sup>+</sup>03, HRK14, JCF<sup>+</sup>06a, JHHK14, LSC05, MMJ<sup>+</sup>03, MMMC07, SRY04,  
 VCDAL14, WGB01, XSL<sup>+</sup>17, YH10, YLH<sup>+</sup>10, LC16]. **Cross-equatorial**

[Jen03, MMJ<sup>+</sup>03]. **Cross-front** [MKT<sup>+</sup>15]. **Cross-frontal** [PG97, SRY04]. **cross-over** [JCF<sup>+</sup>06a]. **Cross-shelf** [CSGC03a, DKS03, GGPM05, HLZY10, PBS06, CP05, DK04, DGS<sup>+</sup>05, GNG<sup>+</sup>22, HHD<sup>+</sup>09, HCG<sup>+</sup>03, HRK14, JHHK14, LSC05, MMMC07, VCDAL14, WGB01, YH10, YLH<sup>+</sup>10]. **cross-shore** [CMC11, HZN<sup>+</sup>16]. **cross-species** [XSL<sup>+</sup>17]. **crossing** [SHB02]. **crossings** [PRB<sup>+</sup>11]. **Crozet** [VVTM97, MSH<sup>+</sup>07, MHP<sup>+</sup>07, BNM<sup>+</sup>07, BBE<sup>+</sup>13, FWP<sup>+</sup>07, MMG<sup>+</sup>07, PG97, PPRL02, PSF<sup>+</sup>07, PSL07, PVRA07, PMS<sup>+</sup>07, RPA07, SMS<sup>+</sup>07, SBQ<sup>+</sup>02, SLMP07, VPP07, ZHB<sup>+</sup>07]. **CROZEX** [PSLS07, Ano07a, LSS<sup>+</sup>07, MSH<sup>+</sup>07, MHP<sup>+</sup>07, PPL<sup>+</sup>07]. **crude** [SKD<sup>+</sup>16]. **Cruise** [Ste13, BPRS11, DRBM97, Fig02, KFS<sup>+</sup>17, LSU04, LAF<sup>+</sup>02, PPRL02, SIBW01, SSUB15, SDB<sup>+</sup>97, SBvdL<sup>+</sup>02, WPAP01, RAB<sup>+</sup>17]. **cruires** [AE02, BCH<sup>+</sup>96, BAC<sup>+</sup>15, BG09b, CAMA<sup>+</sup>02, CP22, DLB<sup>+</sup>11, HMW<sup>+</sup>15, LUV99, MHFM15, Mur06, WBM<sup>+</sup>10, WWN<sup>+</sup>02]. **crust** [ACBV<sup>+</sup>18, GNT<sup>+</sup>17]. **Crustacea** [BPBJ13, MKKB14, MS11, NCL13, SM15, Wil08, DKGT04, AS01a, Ang10, BBBM04, BB04, CB00a, EWP<sup>+</sup>99, HNS<sup>+</sup>11, HRS<sup>+</sup>23, JLL<sup>+</sup>13, KB15, LMS15, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, Mar18, RHW04, RMBW07, SLB18, SR08b, VAM97]. **crustacean** [DND04, MCB<sup>+</sup>15]. **crustaceans** [BBR<sup>+</sup>18, GBPB<sup>+</sup>13, Mar18, PHS17a, WPB11]. **crusts** [ÇYB<sup>+</sup>18, GPBV<sup>+</sup>07]. **cryosphere** [SK07]. **Cryptic** [ABE<sup>+</sup>11, Vri09, BDR16, GRB<sup>+</sup>17, MMN10]. **cryptophytes** [MTD<sup>+</sup>18]. **crystallinity** [NAT<sup>+</sup>12]. **crystallorophias** [JH04, LLK<sup>+</sup>16, NVK<sup>+</sup>04]. **Cs** [HA03, Ike03, LLLP<sup>+</sup>03, NP03, OHT12, PFG<sup>+</sup>03, PdBK<sup>+</sup>03, TKP<sup>+</sup>20]. **CTD** [BKST13, SSWM18, STP<sup>+</sup>16]. **ctenophores** [MMY<sup>+</sup>20, PHKW10]. **ctenostome** [GC15]. **Cu** [AIW03, NOT<sup>+</sup>09, NEN<sup>+</sup>07]. **cucumbers** [OPDM11, WYIT13]. **Cultivation** [CKJ<sup>+</sup>16, LTG<sup>+</sup>09, ZWZ18]. **Cultivation-independent** [LTG<sup>+</sup>09]. **culturable** [MFM<sup>+</sup>18]. **culture** [MNB02]. **cultures** [JS14, TVLB08]. **Cumacea** [LMS15]. **Cumacean** [MS11, Wat09]. **cumulative** [PJLO<sup>+</sup>17]. **curl** [DDLK06, KKD06, YAOW05]. **Current** [Ant10, BPS00, BPC05, BV98, BKM07, BCW03, BL03, CC00, CPM<sup>+</sup>18, CMRI13, Di 03, DMW<sup>+</sup>07, EPPR09, FEB<sup>+</sup>13, GGAMV<sup>+</sup>23, GMCR18, GQ09, HV03, JR15, KVPK20, LKLK17, MHG<sup>+</sup>04, MLBT25, MPI07, PO15, QLU09, Reb03, SRF09b, SFH<sup>+</sup>18, SJ00, TAB<sup>+</sup>05, YHC<sup>+</sup>15, AGAB19, BG94, BMM<sup>+</sup>99, CHN<sup>+</sup>18, DLLK15, DCA<sup>+</sup>98, DBDT03, Eif05, EBG<sup>+</sup>11, FKS18, HMW00, Hen19, HMLS<sup>+</sup>06, HS05a, HVBO08, JW05a, JW05b, Led93, MB96, ML04, MSBS01, NPF<sup>+</sup>09, Ou05, PFX<sup>+</sup>02, PGS14, PP20, RR96, RDW<sup>+</sup>22, RF99, RG03, RdR03, SSY<sup>+</sup>05, SSSC19, TRM<sup>+</sup>14, TWL<sup>+</sup>15, Wea93, YFL<sup>+</sup>23, ZW23, vGCM00, AL98, AST<sup>+</sup>05, AGS<sup>+</sup>02, BFF<sup>+</sup>07, BC03, BRL<sup>+</sup>03, BLH05, BSL11, BT03, CK03, CH24, CMR<sup>+</sup>18, CPS05, CWTJ03, CPC<sup>+</sup>03, CMC11, CMJ<sup>+</sup>18, DD15a, DD15b, DCSV19, FM03a, FMFW07, FG97, Gau07, GO15, GOGCDB18]. **Current** [GS06b, HLR<sup>+</sup>09, HWTP07, HDD<sup>+</sup>11, HS98, HV98, HGMA<sup>+</sup>02, dITGCAB<sup>+</sup>03, HZK04, HGM<sup>+</sup>11, HWP<sup>+</sup>07, HKO<sup>+</sup>17, HBK<sup>+</sup>98, JHS<sup>+</sup>17, JDBP<sup>+</sup>05, KKMSM12, KLK<sup>+</sup>15, KGKS20, KT06, Kla97, KHGL<sup>+</sup>02, Lad14,



LO03, LJHAA19, LL01, LOA13, LDD<sup>+</sup>97, MDJS11, MFPL19, MW99, Mar19, MDB98, MBLM03, MJG<sup>+</sup>13, MNSMN<sup>+</sup>04, MRD13, MBOvL08, MGC<sup>+</sup>01, MFFM03, MBO07, NSH<sup>+</sup>10, OCT<sup>+</sup>19, PK03, PCJ<sup>+</sup>05, PRMM<sup>+</sup>17, RPMS95, RMB05, RB06, RPM07, RBP<sup>+</sup>05, Ric05, RAL04, RMBG11, RFQ99, SDB<sup>+</sup>97, SM03, SBC<sup>+</sup>16, SS99a, SGP<sup>+</sup>02, SLP<sup>+</sup>17, SB05, SYB<sup>+</sup>11, SHKW05, SRS11, STS11, SS13b, TLSW15, TCJ<sup>+</sup>11, TdFAL19, VMBS03, VPSL15, WTP<sup>+</sup>07, WPG<sup>+</sup>07, WDR05, YSBH06, YHC<sup>+</sup>11, ZSIW21, vdLCS<sup>+</sup>11].  
**current-dominated** [BG94]. **Current/Undercurrent** [ZSIW21].  
**currently** [CBMM15]. **Currents** [DD15a, Fir96, SDK<sup>+</sup>16, SBK<sup>+</sup>16, YC05, AAB<sup>+</sup>97, BKM07, BLO04, BB98, Blu93, BRSB16, CIMT19, CMH<sup>+</sup>20, CJ19, CH19, DBG<sup>+</sup>16, FKH05, FWS94, FK98, GOM<sup>+</sup>09, Grü99, KAW<sup>+</sup>16, KOR06, LWL<sup>+</sup>24, LCG03, LSH<sup>+</sup>24, LTY<sup>+</sup>03, NR00, PCT18, Pap05a, PK13, PFW<sup>+</sup>20, PF06, RA98, SMS01, SDT<sup>+</sup>17, SP09, SHM<sup>+</sup>20, SM20, SCS<sup>+</sup>98, SHKW05, TP96, VTD<sup>+</sup>20, WC06a, WEB93, WTJ<sup>+</sup>19, ZLZ<sup>+</sup>15, Car01].  
**curvatum** [WTS08]. **cuttings** [JBJ17, PFC09, SLS<sup>+</sup>09]. **Cuvier** [BNKJ23].  
**cyanobacteria** [ANL13, SSW05, SKH<sup>+</sup>10a, Uys06]. **cyanobacterial** [WLC99]. **Cyatholaimidae** [MM15]. **cycle** [ASFI02, BLS<sup>+</sup>97, BFF<sup>+</sup>10, BMK09, BCP<sup>+</sup>15, CDP<sup>+</sup>02, DGA<sup>+</sup>11, FGB10, FSK<sup>+</sup>05, GWZ16, Hat02b, HWS<sup>+</sup>13, HFL<sup>+</sup>15, HDW<sup>+</sup>20, HPS<sup>+</sup>11, JKJ<sup>+</sup>22, JCM<sup>+</sup>13, KPPL00, KMDW01, LGHD20, LWL<sup>+</sup>24, LBM<sup>+</sup>17, LW15, Lip01, MPG<sup>+</sup>97, MTT<sup>+</sup>12, MQACB08, PDC<sup>+</sup>99, Pro09, QTPS97, RIHGS00, SNB02, SMHB00, SWLL23, SKH<sup>+</sup>10a, TP02a, WCRG95, WB01, WC01b].  
**Cycles** [ZHX<sup>+</sup>16, AMTE09, Ber24, BD02, BL96, CFGR07, LN01, PDH<sup>+</sup>11, SSP<sup>+</sup>06, Ste10, SAB<sup>+</sup>07, TP02b, TIKS03, WWN<sup>+</sup>02]. **Cycling** [OL15, APL<sup>+</sup>23, ARC02, AT10, AHV<sup>+</sup>17, Ano99a, Bau02, BDWG02, BD94, BMO93, CFJL96, CTGD08, CFV<sup>+</sup>18, CB09a, CBB<sup>+</sup>00, CMTS97, CC01, DNK<sup>+</sup>16, DSD12, DeM02, DVPR06, DMY<sup>+</sup>97, ETD<sup>+</sup>11, FGU04, FLT97, FML<sup>+</sup>93, FC07, HBCC13, HZWW16, JBS<sup>+</sup>13, JBVW12, KWH<sup>+</sup>05, LRFK99, LSS<sup>+</sup>09, LLB<sup>+</sup>00, LL00, LDFS93, LKK<sup>+</sup>95, MLS<sup>+</sup>06, MNPT06, MDGF01, OFD<sup>+</sup>22, PHS<sup>+</sup>17b, RvAH10, RJDR06, STN<sup>+</sup>09, SF04, SFW08, SGC03, SP06, TVL<sup>+</sup>00, ULTL16, WYPY06, WWC<sup>+</sup>19, WJD<sup>+</sup>00a, WJD<sup>+</sup>00b, ZGW<sup>+</sup>23].  
**cyclo** [SVS<sup>+</sup>20]. **cyclo-stationary** [SVS<sup>+</sup>20]. **cyclone** [PP20, KND<sup>+</sup>08, LBR<sup>+</sup>08, LDS<sup>+</sup>08, NKD<sup>+</sup>08]. **cyclones** [DNK<sup>+</sup>08, LBR03, RBN<sup>+</sup>08]. **cyclonic** [CCW<sup>+</sup>08, EMW<sup>+</sup>08, GS08, KNB<sup>+</sup>24, MBNRB08, NSMBN08, NMWH19, VMM<sup>+</sup>08]. **CYCLOPS** [Kro05, KTB<sup>+</sup>05, ZDBG05]. **Cyclorhagida** [AM18]. **Cynoglossidae** [TTD13]. **Cyprus** [AKZL16, GHB<sup>+</sup>05, HDGM19, OGJ<sup>+</sup>19, ZDBG05]. **cyst** [ASK<sup>+</sup>05, AJG<sup>+</sup>10, BAD<sup>+</sup>14, MLH14, PHK<sup>+</sup>14, PAM<sup>+</sup>14, VCM<sup>+</sup>14, Zon97].  
**cysts** [AKK<sup>+</sup>14, ABS<sup>+</sup>14, BFG<sup>+</sup>10, EPK<sup>+</sup>10, ESAG10, KTP05a, MTK05, OT10, PBG<sup>+</sup>10, RBCG10, SAG<sup>+</sup>10, SKM14a, ZB00]. **Cyt** [EGOO22, EBG<sup>+</sup>22]. **Cytheroidea** [KB15]. **cytometric** [DO96, OSCI00].  
**cytometry** [BFK<sup>+</sup>14, FGB10, SOS01]. **CZCS** [BE00, RD97].  
**CZCS-derived** [BE00].

**D** [Ano97b, Ano97c, Eif05, CBF01, Cok16, DLR<sup>+</sup>01, DP99, EB01, FM03c, FC01, GGLP02, GWP<sup>+</sup>98b, GMPS04, JCF<sup>+</sup>06a, JCF<sup>+</sup>06b, JDL<sup>+</sup>12, MRM<sup>+</sup>12, SKS<sup>+</sup>16, SGB<sup>+</sup>02, TLMT97, WTSP07]. **D-BAD** [GWP<sup>+</sup>98b]. **D-variational** [FM03c]. **Dactylanthus** [PB13]. **Daily** [ATS<sup>+</sup>96, CD95, PAM<sup>+</sup>04, GDA<sup>+</sup>15, GFPM02, MPPR14, SRAs<sup>+</sup>24]. **Dall** [MOA<sup>+</sup>18]. **damage** [RP18, YLG<sup>+</sup>18]. **Dangeard** [SDGH14]. **Danois** [GASGB<sup>+</sup>14, LPS14]. **dark** [Ano97c, CMBPM04, EGMB13, LMM<sup>+</sup>97, RIBW99, SH10, VCM<sup>+</sup>14]. **darkly** [NB10]. **Darnley** [GZGH22]. **Data** [LLM<sup>+</sup>17, MC12, SVS<sup>+</sup>20, Ala13, AGGdC14, ACG19, BC08, BCWT00, BMML06, BWS<sup>+</sup>98, BS05, BS06, BWAS02, BSS<sup>+</sup>02, BBBM04, CFV<sup>+</sup>18, CMB09, CLF<sup>+</sup>09, CFZ<sup>+</sup>18, CWP<sup>+</sup>15, CP18b, COJ<sup>+</sup>09, CLQ<sup>+</sup>18, CM99b, DSK<sup>+</sup>13, DKC<sup>+</sup>17, DWW<sup>+</sup>02, DBC<sup>+</sup>02, EMG<sup>+</sup>15, FRW00, FWS94, Fri01, FHW06, GBC<sup>+</sup>13, GMR06, GCD<sup>+</sup>06, GdRGLS04, Gol15, Gol18, GDC11, HSO04, HM14, HGAB04, HPH<sup>+</sup>16, HFKY05, HSR<sup>+</sup>22, HHKH<sup>+</sup>04, HBM<sup>+</sup>07, HZZ10, HA96, IS07, JBC<sup>+</sup>21, KKMSM12, KGKS20, KK20, KFH01, KBE<sup>+</sup>04, LSF<sup>+</sup>01, LHS96, LM13, LPM<sup>+</sup>19, MBG18, Mal15, MHB<sup>+</sup>23, MRD13, MGK<sup>+</sup>17, MBMGK08, MRM<sup>+</sup>12, NCSO13, NA09, NBBBT13, OAH<sup>+</sup>16, OLP<sup>+</sup>20, PGM<sup>+</sup>15, PNS<sup>+</sup>09, PTA<sup>+</sup>99, PDB<sup>+</sup>16, RMBW07, Reb03, RD97, RHPC<sup>+</sup>19, RG93, RTC<sup>+</sup>07, RVZ02, RAL<sup>+</sup>01, RCKCK07, RPF<sup>+</sup>16, SSWM18, SC10, SSHB03, SLP<sup>+</sup>09, SRA<sup>+</sup>09, SWLL23, SMPSG<sup>+</sup>04, SMA01, SDK<sup>+</sup>16]. **data** [SCQ<sup>+</sup>09, SGP<sup>+</sup>11, TCEW07, TMGLM19, VTA<sup>+</sup>11, VALW23, WHLR13, YKN07, ZKSS06]. **data-assimilative** [CLF<sup>+</sup>09, MHB<sup>+</sup>23]. **data-driven** [RG93]. **data-reduction** [PNS<sup>+</sup>09]. **Database** [CMR<sup>+</sup>18, RSD<sup>+</sup>97, SRAs<sup>+</sup>24]. **datasets** [WW23]. **dating** [FRC<sup>+</sup>10, SKS<sup>+</sup>16]. **Dawson** [Ano97b]. **days** [KMLC<sup>+</sup>04]. **DCM** [TAB<sup>+</sup>02]. **dead** [MGK19]. **debate** [ABE<sup>+</sup>11]. **debris** [DF16, DMC<sup>+</sup>17, Kyt02a, Kyt02c, PJC19, SIA<sup>+</sup>05]. **decabromodiphenylethane** [CHW<sup>+</sup>12]. **Decadal** [Bea09, BT03, GMBL10, HALV18, HWL06, KST<sup>+</sup>99, LSHP01, MSC<sup>+</sup>19, Met09, PSAY20, APB<sup>+</sup>09, ACK<sup>+</sup>14, BFH<sup>+</sup>11, CLPL<sup>+</sup>09, DGS<sup>+</sup>05, FHR<sup>+</sup>11, HC15, HS07, HK01, HGM<sup>+</sup>11, IIM<sup>+</sup>09, KSBK01, LK11, LWL<sup>+</sup>24, MCL<sup>+</sup>19, NI10, NBB<sup>+</sup>02, RR10, SAM05, TSW<sup>+</sup>09]. **Decadal-scale** [GMBL10, LSHP01]. **decadally** [QC10]. **Decade** [PC18, DD06, GVW<sup>+</sup>19, HTK<sup>+</sup>10, RP18, SCB<sup>+</sup>01, TSSR20]. **Decade-scale** [PC18, SCB<sup>+</sup>01]. **Decades** [Ano07d, KDMH18, KRHS20, LBJ<sup>+</sup>13, PWF03, PCY<sup>+</sup>13, VAT23]. **decapod** [CPF<sup>+</sup>14, Mar18, PHS17a]. **Decapoda** [NCL13, CB00a, CRT<sup>+</sup>00, LDBS<sup>+</sup>17, Mar18]. **decapods** [MCB<sup>+</sup>15, MBM<sup>+</sup>00]. **decay** [FM03a, WLH<sup>+</sup>16, DKdS<sup>+</sup>03]. **decaying** [TWD<sup>+</sup>08]. **December** [AE02, Ano98l, Ano21a, Ano22o, Ano23c, Ano24c, MDSA19, OTH05]. **Deception** [BS03, CRBK03, CKL03, KFG<sup>+</sup>03, KRW03, KL03, LT03, RHZ<sup>+</sup>03, SGD<sup>+</sup>03, BAKF03, GUSB03, IAC<sup>+</sup>03, LCG03, SBKS03, SBG<sup>+</sup>03].

**Deciphering** [DPY14, GLBB11]. **Decision** [ZDP<sup>+</sup>16]. **deck** [TPW<sup>+</sup>16, WW04a]. **decline** [APL<sup>+</sup>23, RMPI<sup>+</sup>17, SF10, TSN<sup>+</sup>06]. **Declines** [PW12]. **declining** [CFGR07, STN<sup>+</sup>06]. **Decomposition** [EAS<sup>+</sup>09, HVN02, NSKG96, SBG<sup>+</sup>98]. **decompression** [LTG<sup>+</sup>09]. **Decorrelation** [AL98]. **Decoupling** [Mil94b, MQACB08, RDP<sup>+</sup>02, vdMLB<sup>+</sup>11]. **decrease** [WHC24]. **decreased** [GGCM17]. **dedicated** [Kro05, ZDP<sup>+</sup>16]. **Dedication** [Ano06a, Ano11a, DCBS98, MLB<sup>+</sup>10, MTD<sup>+</sup>09, ROY13, Row08]. **deduced** [SSY<sup>+</sup>05]. **Deep** [AN06, AM24, ANS<sup>+</sup>11, Ano95b, Ano96d, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, AL13, BOC18, BHMK08, BS06, BCE18, BT98, BBB<sup>+</sup>07, CKFC18, CC00, CKY23a, CKY23b, CM16a, CSGV13, CBF<sup>+</sup>16, Dau18, DTWW21, DFA<sup>+</sup>20, DKS11, ENM<sup>+</sup>16, EMG<sup>+</sup>15, EWA<sup>+</sup>03a, ESL<sup>+</sup>10, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, GBB<sup>+</sup>17, GAL<sup>+</sup>20, GBSL98, GGI03, GC18, HCBL<sup>+</sup>17, HD17, HIK<sup>+</sup>08, HiI<sup>+</sup>20, HSD04, JTT04, JAP<sup>+</sup>13, LK98, LLM<sup>+</sup>03, LAT<sup>+</sup>18, MA15, MA18a, MA18b, MSF<sup>+</sup>22, Mar18, MCS<sup>+</sup>03, MJG<sup>+</sup>13, MMDS18, MAA<sup>+</sup>05, Mun16, NGF09, PK13, PNLFS03, PRSS23, RVJG<sup>+</sup>05, RKHK<sup>+</sup>11, RSCFT<sup>+</sup>16, RBP<sup>+</sup>94, RK08, RDC<sup>+</sup>18a, SSY<sup>+</sup>05, Sha01, SS09, SSK<sup>+</sup>07, SV09, Sig17, SLM98, Sor99, SS99a, SMGB03, Ste13, SC15, TCJ<sup>+</sup>11, TPS<sup>+</sup>15, VSGM03a, VGSV09, WLD15, WBM<sup>+</sup>10, WJD<sup>+</sup>00a, Zar16, ZGGF22, AM22a, ABG<sup>+</sup>20, Ala13, Ala18, AP22, ALSF<sup>+</sup>17]. **deep** [ACPV04, AAG19, AGW<sup>+</sup>13, AL14, AHK99, AKHR<sup>+</sup>20, BMHR08, BN97, BMS<sup>+</sup>18, BTP<sup>+</sup>18, BBL<sup>+</sup>13, BMD<sup>+</sup>17, BSS<sup>+</sup>17, BCN<sup>+</sup>16, BCN<sup>+</sup>17, BGOL01, BGCH20, BM17, BFT10, BDL<sup>+</sup>14, BW99a, BBE<sup>+</sup>13, BKY<sup>+</sup>17, BMOW09, BSJ13, BFL00, BSP00, BL00, BL04, Bor01, BEZ<sup>+</sup>22, BSS<sup>+</sup>00, BBLE24, BSB<sup>+</sup>99, BG10, BBBM04, BE09, BEB11, BW14, BM15, BSW<sup>+</sup>13, BSSE16, BCB07, BRB<sup>+</sup>13, BWH<sup>+</sup>17, BBW<sup>+</sup>15, BLI<sup>+</sup>09, CP13, CRS<sup>+</sup>19, CB18, CSW<sup>+</sup>17, CHL<sup>+</sup>15, Che13, CP18a, CP22, CK24, CMAO<sup>+</sup>12, CB00a, CM00, CHG15, CHV<sup>+</sup>15, CAJE15, CBMM15, CRR01, CG04, CMVS<sup>+</sup>10, CG15, CRD<sup>+</sup>17, CHS17, DMS<sup>+</sup>10, DWG<sup>+</sup>15, DCL<sup>+</sup>09, DCC<sup>+</sup>13, DGT<sup>+</sup>17a, DRRBC16, DRBM97, DZL<sup>+</sup>17, DC08, DDB<sup>+</sup>17, DCA<sup>+</sup>98, Di 10, Dia04, DFD<sup>+</sup>11, DQC14, DFJ18, DAGK<sup>+</sup>17, Dud06, DBH<sup>+</sup>20, ESG<sup>+</sup>17, ETP<sup>+</sup>16, EBDL08, EWF<sup>+</sup>18, EP18, FMZ15, FHR<sup>+</sup>11, FVW08]. **deep** [FB14, FDR<sup>+</sup>18, FYS<sup>+</sup>17, Gag04, GMR<sup>+</sup>09, GTSC08, GBC<sup>+</sup>13, GKH<sup>+</sup>07, GLBB11, GSW99, GSM<sup>+</sup>08, GBPB<sup>+</sup>13, GPBV<sup>+</sup>07, GCKC07, GRSW00, GDM<sup>+</sup>25, GAHD<sup>+</sup>17, GBO01, GK16, HKR<sup>+</sup>01, HDK08, HPWP07, HZS00, HC13, Hil04, HAP03, HO99, HRM<sup>+</sup>18, HWS<sup>+</sup>07, HDW<sup>+</sup>20, HHR<sup>+</sup>08, IATK17, IARR01, IKR<sup>+</sup>12, JZ01, JTW00, JR11, Jaž15, JLB<sup>+</sup>99, JSSW14, JBS<sup>+</sup>10, KBB07, KBK<sup>+</sup>18, KBG<sup>+</sup>10, KB15, KWA<sup>+</sup>20, KCTG16, Kel10, KJB<sup>+</sup>08, KDMH18, KGB<sup>+</sup>14, Kha18, KCD<sup>+</sup>17, KBSS93, KFS<sup>+</sup>17, KMA<sup>+</sup>18, KSDE16, KN97, KFTE14, KHL<sup>+</sup>01, KW00, KOR06, KGHA<sup>+</sup>01, LVJC17, LRGH<sup>+</sup>05, LSdC<sup>+</sup>10, Las93, LLC17, LOB<sup>+</sup>09, LRN<sup>+</sup>14, LMA08, LEP14, LPPC<sup>+</sup>10, LGQ99, LAPL<sup>+</sup>16, LdSN<sup>+</sup>18, Lin04, LZB96, LZL<sup>+</sup>22, LB14, LKTS01, LNDH<sup>+</sup>17, LWGS00, LSM96, LSOM16, LDSV98, Lut15, MWS<sup>+</sup>15, MBI<sup>+</sup>10, MTR<sup>+</sup>10, Mal04, MB07b, MB07a, MGE13, MFB18, MB18]. **deep**

[MBP<sup>+</sup>20, MS06a, MP17, Mar13, MNN10, MSW<sup>+</sup>13, MRP<sup>+</sup>17, MBD<sup>+</sup>17, MLBB14, MM15, MMN10, MBMGK08, MTDK98, MS11, MC15, NMN<sup>+</sup>17, NRH<sup>+</sup>06, NWZL23, OGG<sup>+</sup>15, OBRJ01, OKH<sup>+</sup>22, ODP<sup>+</sup>17, OBKA17, OGG<sup>+</sup>20, PTO<sup>+</sup>16, PK08, Pap05b, PPM<sup>+</sup>17, PTD<sup>+</sup>17, PGC<sup>+</sup>11, PBG07, PFdSG11, PP13, PL00, PSK00a, PSB14, PFC09, PPFS17, PKZ93, PCB<sup>+</sup>17, PGK15, PCP<sup>+</sup>17, PFDD16, PRB<sup>+</sup>11, PDS<sup>+</sup>17, PGZ<sup>+</sup>09, QED<sup>+</sup>14, ROB<sup>+</sup>17, RBDO17, RHD<sup>+</sup>11, RSR<sup>+</sup>19, RHW04, RMBW07, RRT<sup>+</sup>17, RDV<sup>+</sup>09, RSW<sup>+</sup>13, RvAH10, RE98, RGHN<sup>+</sup>97, RF99, RS15, RIHGS00, RVGF02, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, RKM23a, RD25, RCM<sup>+</sup>17, Rog00, RSS01, RSdV<sup>+</sup>09, RVD<sup>+</sup>10, RWN<sup>+</sup>08, RMNB08, Row13, RPZ<sup>+</sup>14, SMA<sup>+</sup>17, SGPD<sup>+</sup>14, SF24, SLS<sup>+</sup>09, SBDB09, SI09, SBG05, SBS<sup>+</sup>00, SSB<sup>+</sup>17, SvdLM95, SFV<sup>+</sup>01, SE07, STFL<sup>+</sup>13, SKD<sup>+</sup>16, SDT<sup>+</sup>17, SFV<sup>+</sup>98, SNPS01, SBHS20, SK07, SRS<sup>+</sup>15]. **deep** [SSAL<sup>+</sup>17, SNS<sup>+</sup>07, SO98, SNB02, SC16, SAW16, SSI19, STD<sup>+</sup>20, SMB<sup>+</sup>98, SBM<sup>+</sup>13, SVKT20, SP00, Sot09, SN04, STR<sup>+</sup>14, STWW01, SGP<sup>+</sup>11, SJSI00, SPH<sup>+</sup>08, SAL95, SNK07, TBC<sup>+</sup>17, TCM<sup>+</sup>22, TTW<sup>+</sup>05, Thi01, Thi98, TH99, Thu06, TMP<sup>+</sup>13, TKP<sup>+</sup>20, TY98, UIS<sup>+</sup>03, VPA<sup>+</sup>09, VK04, VKGP<sup>+</sup>11, VMB17, VALM17, VHM17, VSR<sup>+</sup>10, VFFM13, VGD14, VVTK18, Vri09, Vri13, WSS<sup>+</sup>08, WTS08, WF13, WXL<sup>+</sup>23, WB09, WWL02, Wat09, Wea93, WST15, WGST08, WACGH11, WAP<sup>+</sup>18, WAM<sup>+</sup>18, WS11, Wil98, Wil08, WTA<sup>+</sup>18, Wit00, WC02, WL02, WPFB11, WPSB11, WPB11, XSL<sup>+</sup>17, YCN<sup>+</sup>10, YBRT17, YLG<sup>+</sup>18, YERT13, ZBC<sup>+</sup>13, ZLZ<sup>+</sup>15, ZJFV15, ZWZ18, ZL23, ŽSN<sup>+</sup>18, ZdBB<sup>+</sup>07, vCHM18, BDG<sup>+</sup>04, BRSB16, JDBP<sup>+</sup>05, QNL<sup>+</sup>16, SA15a, CDB94]. **deep-** [HHR<sup>+</sup>08, LSM96]. **deep-benthic** [HDK08]. **deep-current** [Wea93]. **deep-diving** [SMA<sup>+</sup>17]. **Deep-learning** [CKY23a, CKY23b]. **deep-ocean** [BKY<sup>+</sup>17, BMOW09, Dud06, HDW<sup>+</sup>20]. **Deep-pelagic** [CSGV13, SPH<sup>+</sup>08]. **Deep-Sea** [AN06, AM24, Ano95b, Ano97b, Ano97c, ADGA06, BS06, CC00, CM16a, CBF<sup>+</sup>16, DTWW21, ENM<sup>+</sup>16, EWA<sup>+</sup>03a, GAL<sup>+</sup>20, HiII<sup>+</sup>20, LLM<sup>+</sup>03, MCS<sup>+</sup>03, MAA<sup>+</sup>05, PNLFS03, RVJG<sup>+</sup>05, RSCFT<sup>+</sup>16, RDC<sup>+</sup>18a, SSK<sup>+</sup>07, SMGB03, VSGM03a, WJD<sup>+</sup>00a, ANS<sup>+</sup>11, Ano96d, BCE18, BT98, BBB<sup>+</sup>07, CKFC18, DFA<sup>+</sup>20, ESL<sup>+</sup>10, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, GBB<sup>+</sup>17, GBSL98, HCBL<sup>+</sup>17, HD17, HIK<sup>+</sup>08, JTT04, JAP<sup>+</sup>13, LK98, MA15, MA18a, MA18b, MMDS18, NGF09, PRSS23, RBP<sup>+</sup>94, Sha01, SS09, SV09, SLM98, Sor99, SC15, VGSV09, WBM<sup>+</sup>10, AM22a, Ala18, AP22, ALSF<sup>+</sup>17, BN97, BMS<sup>+</sup>18, BBL<sup>+</sup>13, BMD<sup>+</sup>17, BSS<sup>+</sup>17, BCN<sup>+</sup>16, BGOL01, BBE<sup>+</sup>13, BSJ13, Bor01, BEZ<sup>+</sup>22, BBLE24, BG10, BBBM04, BE09, BEB11, BM15, BSW<sup>+</sup>13, BRB<sup>+</sup>13, CRS<sup>+</sup>19, CB18, Che13, CP18a, CP22, CK24, CM00, CHG15, CHV<sup>+</sup>15, CAJE15, CBMM15, CG04]. **deep-sea** [CRD<sup>+</sup>17, CHS17, DCL<sup>+</sup>09, DCC<sup>+</sup>13, DRBM97, DZL<sup>+</sup>17, DDB<sup>+</sup>17, DCA<sup>+</sup>98, Dia04, DFD<sup>+</sup>11, DQC14, DBH<sup>+</sup>20, ESG<sup>+</sup>17, EBDL08, EWF<sup>+</sup>18, FMZ15, FVW08, FB14, FDR<sup>+</sup>18, Gag04, GTSC08, GSM<sup>+</sup>08, GPBP<sup>+</sup>13, GPBV<sup>+</sup>07, GBO01, HKR<sup>+</sup>01, HZS00, HC13, HRM<sup>+</sup>18, IARR01, KBB07, KBK<sup>+</sup>18, KBG<sup>+</sup>10, KB15, KWA<sup>+</sup>20, Kel10, KJB<sup>+</sup>08, Kha18, KCD<sup>+</sup>17, KFS<sup>+</sup>17, KSDE16, KFTE14, KHL<sup>+</sup>01, KGHA<sup>+</sup>01, LVJC17, LRGH<sup>+</sup>05, LOB<sup>+</sup>09, LRN<sup>+</sup>14, LEP14, LdSN<sup>+</sup>18,

LZL<sup>+</sup>22, LB14, LKTS01, LNDH<sup>+</sup>17, LSOM16, LDSV98, Lut15, MBI<sup>+</sup>10, Mal04, MB07b, MB07a, MGE13, MFB18, MB18, MBP<sup>+</sup>20, MS06a, MP17, MNN10, MRP<sup>+</sup>17, MLBB14, MTDK98, MS11, NMN<sup>+</sup>17, OGG<sup>+</sup>15, OBRJ01, OKH<sup>+</sup>22, ODP<sup>+</sup>17, PTO<sup>+</sup>16, PPM<sup>+</sup>17, PTD<sup>+</sup>17, PGC<sup>+</sup>11, PFdSG11, PSB14, PPFS17, PCB<sup>+</sup>17, PCP<sup>+</sup>17, PFDD16, PDS<sup>+</sup>17, PGZ<sup>+</sup>09, ROB<sup>+</sup>17, RBDO17, RHD<sup>+</sup>11, RMBW07, RRT<sup>+</sup>17, RDV<sup>+</sup>09]. **deep-sea** [RSW<sup>+</sup>13, RE98, RIHGS00, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, RKM23a, RD25, RSS01, RSdV<sup>+</sup>09, Row13, RPZ<sup>+</sup>14, SF24, SLS<sup>+</sup>09, SBDB09, SI09, SBS<sup>+</sup>00, SSB<sup>+</sup>17, SE07, STFL<sup>+</sup>13, SDT<sup>+</sup>17, SFV<sup>+</sup>98, SK07, SRS<sup>+</sup>15, SNS<sup>+</sup>07, SO98, SC16, SAW16, SSI19, STD<sup>+</sup>20, SBM<sup>+</sup>13, Sot09, STR<sup>+</sup>14, STWW01, SNK07, TBC<sup>+</sup>17, TMP<sup>+</sup>13, TY98, VKGP<sup>+</sup>11, VALM17, VHM17, Vri09, Vri13, WF13, WB09, WACGH11, WAP<sup>+</sup>18, WAM<sup>+</sup>18, Wil98, WTA<sup>+</sup>18, WL02, WPSB11, XSL<sup>+</sup>17, YLG<sup>+</sup>18, YERT13, ZBC<sup>+</sup>13, ZLZ<sup>+</sup>15, ZJFV15, ZWZ18, BDG<sup>+</sup>04, SA15a, CDB94]. **deep-seabed** [LLC17]. **Deep-water** [BOC18, Dau18, GC18, HSD04, Ste13, Ala13, AAG19, BM17, BFT10, BW99a, BL04, BSSE16, BWH<sup>+</sup>17, BBW<sup>+</sup>15, CP13, CMVS<sup>+</sup>10, CG15, DMS<sup>+</sup>10, DRRBC16, Di 10, EP18, HAP03, HWS<sup>+</sup>07, Lin04, MWS<sup>+</sup>15, MTR<sup>+</sup>10, MBD<sup>+</sup>17, MBMGK08, PBG07, PFC09, RS15, RVD<sup>+</sup>10, SGPD<sup>+</sup>14, SAL95, TH99, VSR<sup>+</sup>10, VFFM13, WTS08, WST15, WGST08, YBRT17]. **deeper** [BPBJ13]. **deepest** [AM15]. **DeepLev** [KWA<sup>+</sup>20]. **Deeps** [JSWB21, KGB16]. **deepwater** [AM18, AD08, JD08, MB08, ZRC<sup>+</sup>11, Joy16, LLG<sup>+</sup>16, PFDD16, SEM16, SAW16, ULTL16, WZL<sup>+</sup>16, YNG<sup>+</sup>16, ZA16, ZJA16]. **deepwaters** [ZA16]. **defense** [TTDR13]. **deficiency** [DVS<sup>+</sup>97, FCG<sup>+</sup>96, KBSS93]. **deficient** [DAKR20, FDC<sup>+</sup>18, GBLS00, PHD<sup>+</sup>18]. **deficit** [DGP20, SRF09b]. **deficits** [RI05]. **defined** [VGGLB15, ZFA<sup>+</sup>02]. **Defining** [DHS<sup>+</sup>14, HYMD11]. **definition** [MCH<sup>+</sup>13]. **deformation** [GPC<sup>+</sup>18, HHW<sup>+</sup>08, HEW15]. **deglacial** [CKS05]. **deglaciation** [HSS<sup>+</sup>12, SSR<sup>+</sup>14]. **degradation** [AZYT16, HCRX16, MGG<sup>+</sup>09, NCT13, PRC<sup>+</sup>09, VCSM09, YCT<sup>+</sup>22]. **degrading** [BCN<sup>+</sup>16, RPZ<sup>+</sup>14, YNG<sup>+</sup>16]. **Degree** [DSK<sup>+</sup>13, JTDG13, OWD13]. **dehydrogenase** [GQ09]. **deleterious** [PWL07]. **delimitation** [BBT<sup>+</sup>18, KBK<sup>+</sup>18]. **Delineating** [BH14, OKY<sup>+</sup>17]. **Delineation** [VGGLB15]. **delivering** [MBS<sup>+</sup>13]. **Delmarva** [CWFP94]. **Delphinapterus** [EF98]. **demand** [CBW01, CBA<sup>+</sup>05, HMC09, HLM<sup>+</sup>01, MBC<sup>+</sup>09b]. **Demersal** [BMH08, MRMP09, NHBM10, WPFB11, BBLE24, CJA<sup>+</sup>06, CSCP13, CLJ<sup>+</sup>13, FVW08, KBFH14, LCL<sup>+</sup>22, LAJP13, MDG13, MG13, NSWY20, PKHH17, PDB<sup>+</sup>20, QSA<sup>+</sup>09, WBD17]. **demographic** [GWDP11, PDC<sup>+</sup>21]. **Demography** [CAJE15, HKN<sup>+</sup>04, KNV<sup>+</sup>10, PTS01, SKW<sup>+</sup>04]. **Demospongiae** [KGB<sup>+</sup>14, SKS<sup>+</sup>23]. **denaturing** [RSF<sup>+</sup>99]. **Dendrilla** [LPAR24]. **Dendrophyllia** [OGJ<sup>+</sup>19]. **Dendrophylliidae** [ROC<sup>+</sup>21]. **Denison** [HGM<sup>+</sup>11]. **Denitrification** [GBG15, SSR96, CD09, CCK<sup>+</sup>16, FL02, HBT<sup>+</sup>08, HWS<sup>+</sup>13, SWC09]. **denitrifying** [BRM18, GKB<sup>+</sup>18]. **Dense**

[BH94, ABG<sup>+</sup>20, GOC09, JCP<sup>+</sup>22, OGC09, PHOM09, SHB02].  
**densification** [You10]. **densities** [DLW<sup>+</sup>17, SN00]. **Density**  
 [FHvFM08, dSG09a, BLB<sup>+</sup>11, BGB08, BASLK04, BSL08b, CTW<sup>+</sup>15,  
 CAC<sup>+</sup>97, EW99, HSBT19, HKN<sup>+</sup>04, KOM17, KGE<sup>+</sup>04, LPK<sup>+</sup>17, LLM<sup>+</sup>17,  
 NCSB<sup>+</sup>98, PLD<sup>+</sup>17, PO15, WC06a, YBC<sup>+</sup>17, ZFP<sup>+</sup>16, ZWJ<sup>+</sup>19].  
**Deoxygenation** [WREC18]. **dependence** [SO98]. **dependent**  
 [BMHR08, DVS<sup>+</sup>14, OLP<sup>+</sup>20, Pör06, SDL22, STS<sup>+</sup>15, TCG<sup>+</sup>18]. **depicted**  
 [PMLM<sup>+</sup>02]. **Depleted** [CHL<sup>+</sup>15, SNK07]. **depletion**  
 [BL98, SVS93, TYBY06]. **deployments** [ACD<sup>+</sup>17, MC06]. **depocenter**  
 [ARK<sup>+</sup>94]. **deposit** [DBH<sup>+</sup>20, KME18, MDTS08]. **deposit-feeders**  
 [DBH<sup>+</sup>20]. **depositing** [OMY<sup>+</sup>03]. **Deposition**  
 [CG18, DTB<sup>+</sup>02, CKH<sup>+</sup>05, CLGM05, DBD03, GRD<sup>+</sup>08, IGN<sup>+</sup>10, LKH<sup>+</sup>07,  
 NVBJ08, PSK00a, SHD<sup>+</sup>14, SBD05, SZG<sup>+</sup>13, SKM14a, SLB13a, TMP<sup>+</sup>19,  
 TBA<sup>+</sup>02, VKGP<sup>+</sup>11, VM01, ZEGB97, dSJB<sup>+</sup>11]. **depositional**  
 [Cha03, DBJ97, GMC97, HMLS<sup>+</sup>06, KSB<sup>+</sup>03]. **deposits**  
 [CH07, GPK02, LCK<sup>+</sup>18, PTD<sup>+</sup>17, PCB<sup>+</sup>17, Sch07, TBC<sup>+</sup>17]. **Depression**  
 [WB03]. **Depth** [CSL<sup>+</sup>07, DKT<sup>+</sup>01, LBR<sup>+</sup>08, ZWL<sup>+</sup>22, ARB<sup>+</sup>13, BRJM18,  
 Ber01, BSJ13, BRBD17, CdST<sup>+</sup>17, CBHF10, CG04, CP05, DBBWH20,  
 FHvFM08, GGRW99, GHIM04, GHG<sup>+</sup>04, GG02, GARVK04, KCM<sup>+</sup>14,  
 LG09, LB14, MS09, MHA<sup>+</sup>15, MWB<sup>+</sup>09, NDE14, PDB<sup>+</sup>20, QW15, RPS<sup>+</sup>11,  
 RLB18b, SLB18, SIFS10, SVS<sup>+</sup>20, SHW<sup>+</sup>16, SWMB10, TR02, TLSY11,  
 TCEW07, TMP<sup>+</sup>13, WEB93, WSB08, WHLR13, Yu03]. **Depth-stratified**  
 [LBR<sup>+</sup>08]. **depth-wise** [BRJM18]. **depths** [CPF<sup>+</sup>14, CDDC03, EGMB13,  
 FC09, HTD13, JLL<sup>+</sup>13, Kam13, NBCT13, PDY20, PRSS23, RJT11, SW09,  
 SM15, SLM<sup>+</sup>20, SHM<sup>+</sup>11, SCPC98, TNT<sup>+</sup>15, YWI<sup>+</sup>02]. **derived**  
 [ACBV<sup>+</sup>18, AZYT16, ATN<sup>+</sup>12, ASFI02, BS01, BSM01b, BB03, BTRL99,  
 BAH<sup>+</sup>95, BBA<sup>+</sup>98, CFGR07, CC15, DGR19, EPPR09, FHYI03, GHB<sup>+</sup>05,  
 Grü99, HLG<sup>+</sup>21, HSR<sup>+</sup>22, KL06, KK20, KMG<sup>+</sup>20, KLKB95, LMvDA16,  
 LLH<sup>+</sup>15, LBY<sup>+</sup>10, MS12, ME02, MSTT07, NBBBT13, OMS06, OE06, Osc01,  
 PG18, PDS<sup>+</sup>17, SR08a, SSHB03, SP09, SWLL23, SJ00, SP06, VMM<sup>+</sup>08,  
 WPSB11, BE00, LTG<sup>+</sup>09, SMLP04]. **Deriving** [LW04]. **Desbruyères**  
 [DCA<sup>+</sup>98]. **describe** [ZRG16]. **described**  
 [AM15, ADGA01, AGP05, ADG<sup>+</sup>08, HRS<sup>+</sup>23, LB98a]. **Description**  
 [BCNS15, MGE13, Ala15, Ala18, BBAL<sup>+</sup>20, BVL04, BSCE15, BBW<sup>+</sup>15,  
 CKFC18, CSE<sup>+</sup>22, CB18, CP18a, CP18b, CK24, CPM<sup>+</sup>18, CBMM15,  
 ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, GUSB03, Gol15, GMB18, Gol18, HS98, HDGM19,  
 KB15, KGS23, LC03, MFB18, MB18, Mar18, MM15, MBOvL08, NCK<sup>+</sup>22,  
 OBH<sup>+</sup>18, PBB<sup>+</sup>13, PRSS23, Ste13, SC15, VWTK18, dMGPT<sup>+</sup>14].  
**descriptions** [BBT<sup>+</sup>18, DAGK<sup>+</sup>17, GM22, Mal15, MG22]. **desert**  
 [BLS<sup>+</sup>08, RHL<sup>+</sup>22]. **design**  
 [CJF<sup>+</sup>98, DTJ<sup>+</sup>14, DKC<sup>+</sup>17, HWP<sup>+</sup>11, IMG<sup>+</sup>19, PWL07]. **designs**  
 [PSK<sup>+</sup>14]. **Desmodora** [MFS<sup>+</sup>23]. **Desmodoridae** [MFS<sup>+</sup>23].  
**Desmophyllum** [WHC24]. **desmosomatid** [BBT<sup>+</sup>18]. **Desmosomatidae**  
 [Gol15, Gol18]. **despite** [BJF16]. **destination** [KL06]. **destinations**

[GMD07, SSB<sup>+</sup>06]. **detachment** [HTT15]. **detect** [TCEW07, ZKSS06].  
**detected** [HEW15, PO15]. **Detecting** [Bae11, KL13, SBH<sup>+</sup>01, HCRX16].  
**Detection** [CLGM05, PBG<sup>+</sup>10, CC15, ESL<sup>+</sup>10, FD98, GDD<sup>+</sup>09, GMC19, ROBV<sup>+</sup>18, TAB<sup>+</sup>16]. **detections** [BCT21]. **determinants** [HLFP08].  
**Determination** [MKKF18, ZDW<sup>+</sup>20, FWC<sup>+</sup>12, WWN<sup>+</sup>02].  
**determinations** [RJWD01]. **determine**  
[BLS<sup>+</sup>97, DBN<sup>+</sup>11, KCTG16, SAM96]. **determined**  
[BDO00, BMRTL93, BHBC08, HHKH<sup>+</sup>04, KMDW01, MF93a, MLS<sup>+</sup>15, MYN<sup>+</sup>96, NCSB<sup>+</sup>98, RJDR06, RVZ02, RFB97, SiSA<sup>+</sup>02, STWW01, TRM<sup>+</sup>15, Wat09, WWB04, WvdE00, WvdEP<sup>+</sup>10]. **determines** [SWK<sup>+</sup>23].  
**Determining** [GRC<sup>+</sup>03, SJL05, WLT20, GMK<sup>+</sup>08, VM01]. **deterministic**  
[FSL<sup>+</sup>01]. **detrimental** [WTT<sup>+</sup>20]. **Detrital**  
[SBG<sup>+</sup>98, DBH<sup>+</sup>20, NAT<sup>+</sup>12, SMCA01, Sch07, WCB98]. **Detritivory**  
[MSJS08]. **detritus** [ATN<sup>+</sup>12, Heb00, RBP<sup>+</sup>94, SSV02, VD98].  
**detritus-rich** [VD98]. **develop** [BY09]. **Developing**  
[AH17, IMG<sup>+</sup>19, RDW<sup>+</sup>12, RWR<sup>+</sup>02]. **Development**  
[Ano14, BKST13, CLF<sup>+</sup>09, CFZ<sup>+</sup>18, KUN10, LWSA08, LTL<sup>+</sup>23, MWS<sup>+</sup>15, MGT16, PZL<sup>+</sup>09, BSK<sup>+</sup>97, Bol08, BM07, BSH<sup>+</sup>11, CDP<sup>+</sup>02, CGD<sup>+</sup>15, CM01, Dal04, DPK<sup>+</sup>14, DKP<sup>+</sup>14, DTJ<sup>+</sup>14, DCC<sup>+</sup>01, GGRJD<sup>+</sup>10, Gou05, HSHM02, IABR<sup>+</sup>17, KCMA05, MPM<sup>+</sup>16, MBD<sup>+</sup>17, MXC15, NLDJ14, PH19, PDK<sup>+</sup>14, Pee97, RPA07, RFF<sup>+</sup>02, SSHB03, SFV<sup>+</sup>98, SPDW19, SSR<sup>+</sup>14, SMSA05, VPP07, WTS08, WW04a, WGNH15, WNRM08, ZQW19, vdLEM<sup>+</sup>14].  
**developments** [DCA<sup>+</sup>98, XGF18]. **deviations** [BW99a, SLB13a]. **devices**  
[LMLC<sup>+</sup>17, OLP<sup>+</sup>20]. **devising** [HCJ<sup>+</sup>22]. **Devonian** [Mas02, Sch07].  
**DFADs** [LMLC<sup>+</sup>17, OLP<sup>+</sup>20]. **DGGE** [RSF<sup>+</sup>99]. **diagenesis**  
[Cha03, HMB<sup>+</sup>96, MHB<sup>+</sup>95, PLdL97, PTD<sup>+</sup>17, PCB<sup>+</sup>17, TBC<sup>+</sup>17].  
**diagenetic** [FSCC07, GPBV<sup>+</sup>07, WOM<sup>+</sup>16]. **diagnose** [RN06]. **diagnosed**  
[SMS<sup>+</sup>07]. **Diagnoses** [KM05b]. **diagnostic** [PHH<sup>+</sup>06, SGB<sup>+</sup>02]. **diameter**  
[PFW<sup>+</sup>09]. **Dianeutral** [You99]. **diapause** [PTWM12, SD06b]. **Diapir**  
[WMB<sup>+</sup>13]. **Diapycnal** [MD06, Thu06, MPH02, SF11, SD22]. **Diatom**  
[KLD21, LXWC21, RHPC<sup>+</sup>19, TSOT16, AWL<sup>+</sup>09, APL<sup>+</sup>23, ATJ05, AGPR95, ACBMQ08, BNFS01, CWS<sup>+</sup>23, CCH95, CHR97, CSS<sup>+</sup>02, FHR<sup>+</sup>14, FGW02, FAMY20, GPK02, KOS<sup>+</sup>16, KPPL00, KNB11, MPC99, MZR<sup>+</sup>95, MGC<sup>+</sup>14, MGG<sup>+</sup>09, OTK<sup>+</sup>05, OSHB07, OTH05, PA95, RMPI<sup>+</sup>17, SLS<sup>+</sup>07, SNB02, SKMDR02, SSLA95, SKF<sup>+</sup>10, TVLB08, TGFP02, TSN<sup>+</sup>06, TIS<sup>+</sup>13, VABCR<sup>+</sup>24, WSL07, WLH<sup>+</sup>16]. **diatom-bound** [CSS<sup>+</sup>02].  
**Diatoms** [ACQ<sup>+</sup>08, BLS<sup>+</sup>08, KT05, OTN16, ASV18, BTV<sup>+</sup>11, BBB<sup>+</sup>11b, CLT94, DCF<sup>+</sup>11, GTTKB14, KT02, MQACB08, OA11, PMS<sup>+</sup>07, RCW<sup>+</sup>15, TMC<sup>+</sup>14, TLK<sup>+</sup>02, WN01, Yal01]. **diazotrophs** [RLD<sup>+</sup>15]. **diazotrophy**  
[HWP<sup>+</sup>07]. **DIC** [ZQ97]. **Dichromadora** [VVV04b]. **Did**  
[LSS<sup>+</sup>11, WZL<sup>+</sup>16]. **die-off** [WTI<sup>+</sup>20]. **Diel**  
[BD02, DN97, DS24, DPS<sup>+</sup>11, GFPM02, HHH01, KMD<sup>+</sup>99, LS10, LOFC00, MBMM<sup>+</sup>99, TBT05, YOK<sup>+</sup>10, YXC<sup>+</sup>19, AML01, ABC<sup>+</sup>05, DO96, GGRW99, HA10, KL03, MHS01, SW01, TLKT00, WCRG95, WZZ<sup>+</sup>19, ZD97]. **Diet**

[DBMI17, RKM23a, RD25, WBD17, WPSB11, ASF<sup>+</sup>12, BTC13, BOKA16, BBB<sup>+</sup>01, CTW<sup>+</sup>20, CCC<sup>+</sup>23, FHAH16, GBH<sup>+</sup>17, JH04, KBSS93, LTS<sup>+</sup>13, LLW01, MMID17, MPF<sup>+</sup>17, MZH16, PSS<sup>+</sup>16, PCP<sup>+</sup>17, RDBP14, RHM13, SRFR07, WAN<sup>+</sup>15, WPFB11, YKO15, vdROO<sup>+</sup>24]. **Dietary** [BOB20, KY17, SLT10, TCEW07]. **Diets** [HBJ02, PKHH17, BTR20, CMH09, DSG<sup>+</sup>09b, GFS15, GBP21, JZX10, MPJ<sup>+</sup>13, RMD<sup>+</sup>12, SJST13, WGST08]. **differ** [CD20, LCL<sup>+</sup>09, SCD<sup>+</sup>22]. **Differences** [BLH05, NDG96, PRMM<sup>+</sup>17, SLB<sup>+</sup>15, APMN<sup>+</sup>17, BE00, CL06, FLM10, FGW02, FBBW<sup>+</sup>10, HCG<sup>+</sup>09, KWW<sup>+</sup>12, OMAA18, PABH07, SLP<sup>+</sup>17, TPW07, WL20]. **different** [AGGdC14, CBNR<sup>+</sup>09, CRNP06, DB02, FKW01, HSO04, HSC<sup>+</sup>07, IUdV<sup>+</sup>12, JBS<sup>+</sup>10, KCD<sup>+</sup>17, LYN<sup>+</sup>13, MSF<sup>+</sup>22, NVBJ08, NED09, Pee97, Pro09, RDP<sup>+</sup>02, RAC<sup>+</sup>20, RCKCK07, RNP93, SLM<sup>+</sup>20, SHY<sup>+</sup>08, SLB<sup>+</sup>16, TMH<sup>+</sup>08, TGA<sup>+</sup>09, TNT<sup>+</sup>15, WZB<sup>+</sup>14, ZJH08]. **Differential** [BFM<sup>+</sup>14, ODCP98, Hol06, TLKT00]. **Differentiated** [GLCU<sup>+</sup>17]. **differentiation** [ASMM11, RLB18b, YSAER25]. **differing** [IBD10, JTW00]. **diffuse** [MTB09, MS18, MSNL09, NLSL09]. **diffusion** [Hol06, MPM<sup>+</sup>16, SF11, Sva96]. **diffusive** [DRBM97, FKW01, GRSW00]. **diffusivity** [DM16a]. **dilution** [HKS11, LSS<sup>+</sup>11]. **dimensional** [Bas19, CDP<sup>+</sup>02, CWD<sup>+</sup>10, DFMW13, DW15b, DP02, DGN96, DBC<sup>+</sup>02, FNYK02, GSK02, GWP<sup>+</sup>98a, GFW07, GGSC03, HKMS03, KB99, KKUK10, SOW01, TMC04, WC06a, YLH<sup>+</sup>10, ZHM<sup>+</sup>24, ZLOR02]. **Dimethyl** [BAR<sup>+</sup>02, AGN<sup>+</sup>02, TNBL95]. **Dimethylsulfide** [BTB<sup>+</sup>08, BML<sup>+</sup>06, GMK<sup>+</sup>08, TLP<sup>+</sup>12]. **dimethylsulfoniopropionate** [OFD<sup>+</sup>22]. **Dimethylsulphide** [JFK<sup>+</sup>10, BMML06, BABB08, BLdM<sup>+</sup>02, Hat02b, SGA97]. **dimethylsulphonopropionate** [ASN<sup>+</sup>02, AGN<sup>+</sup>02, ASH<sup>+</sup>11, BLdM<sup>+</sup>02, JFK<sup>+</sup>10, MBK97, SGA97, TNBL95]. **Dimethylsulphoxide** [HTML98, BLdM<sup>+</sup>02, SGA97]. **DIN** [HWS<sup>+</sup>13]. **Dinitrogen** [SKGD14]. **Dinoflagellate** [RBCG10, SAG<sup>+</sup>10, Zon97, ADE22, BFG<sup>+</sup>10, BFK<sup>+</sup>14, DLG<sup>+</sup>14, DPS<sup>+</sup>14, FRBB10, KCA05, OM14, OT10, PTD<sup>+</sup>14, SAKP<sup>+</sup>22, TBT05, TMTR14, ZB00]. **dinoflagellates** [BFF<sup>+</sup>10, FGB10, GTTKB14, VSS<sup>+</sup>93, WZ14, Yal01]. **Dinophyceae** [GKQ<sup>+</sup>05, TFR<sup>+</sup>10]. **Dinophysis** [dSVC<sup>+</sup>14, FVSR14, VSGGPR14]. **dioxide** [ÁRR02, Ano96g, BDB97, BMK96, CCW<sup>+</sup>08, CMW<sup>+</sup>05, COJ<sup>+</sup>09, Dan95, FdBGP11, FCA04, GCS<sup>+</sup>12, HNRGL06, Met09, MDO<sup>+</sup>98, PDE<sup>+</sup>16, RPF01, RW95, SCGDL02, SCGDU09, TNIW02, WTL<sup>+</sup>06]. **diphenyl** [CHW<sup>+</sup>12]. **Dipole** [FM03b, MV19, RBMY02, RTM14, RNR20, TPW07, VHT<sup>+</sup>20, VIY02, BHHM<sup>+</sup>12]. **Direct** [BHAL13, FKH13, HO99, PBGCD<sup>+</sup>13, vHHH<sup>+</sup>11, BL06, NR00, RG13, SSY<sup>+</sup>05, SJM02]. **direction** [EBG<sup>+</sup>11]. **directions** [ASBR17, BMR<sup>+</sup>14, LWWF18]. **disaster** [ULTL16]. **discarded** [BSSE16, KSDE16]. **discharge** [AIW03, BS21, GOC09, NGF09, OGC09, PFC09, SCL<sup>+</sup>04, SLS<sup>+</sup>09, SEM16, ZG15]. **Discharges** [AAW<sup>+</sup>16, OCP18, PFAZL09, VPA<sup>+</sup>09]. **disciplinary** [BG09b]. **DISCO** [BAR<sup>+</sup>02]. **DISCOL** [TSA<sup>+</sup>01]. **discordance** [MGK19]. **Discospirina**



[GAJ<sup>+</sup>13]. **discovered** [MCH<sup>+</sup>13, SDGH14]. **discoveries** [BOC18].  
**Discovery** [FYS<sup>+</sup>17, AGW<sup>+</sup>13, XSL<sup>+</sup>17, TWA<sup>+</sup>12, MAH<sup>+</sup>12]. **Discrete**  
[SRBR05, RLVF02, SHM<sup>+</sup>11, TRM<sup>+</sup>15, ZJFV15]. **discrimination**  
[BWWG98, BGMH01]. **discussion** [AM22b]. **disequilibria**  
[CCZ<sup>+</sup>21, VMGO<sup>+</sup>09]. **disequilibrium**  
[ACH02, MES97, SKC99, TTLP06, VMM<sup>+</sup>08]. **disjuncta** [GK16]. **dispersal**  
[BW93, BY09, CRP<sup>+</sup>05, HMSMK04, MS06b, TY98, VALW23]. **dispersant**  
[DRRBC16, PPS<sup>+</sup>16]. **dispersants** [SKD<sup>+</sup>16]. **dispersion**  
[ABS<sup>+</sup>14, Ben13, DL01, MC06, MRL01]. **displacement** [You10].  
**displaying** [BB04]. **disposal** [BMOW09, GK16, JBD<sup>+</sup>09, SC16]. **disposed**  
[EFR<sup>+</sup>16, KCTG16, TD16]. **Disseta** [MN10]. **dissimilarity** [KMD<sup>+</sup>11].  
**dissipation** [Fer06, HLNO96, MW05a, SBB<sup>+</sup>05]. **dissipative** [SN04].  
**Dissolution** [And00, MHB<sup>+</sup>95, BJF16, Che02, GRD<sup>+</sup>08, KBV<sup>+</sup>97, MS06a,  
Rai11, SBL<sup>+</sup>07, VQ97a, VQ97b, WSL07]. **Dissolution-affected** [And00].  
**dissolution-generated** [Che02]. **Dissolved**  
[AIW03, CD95, CHN<sup>+</sup>10, CMB<sup>+</sup>97, DÁSCP02, GGM<sup>+</sup>16, KBLA97, KNK15,  
KLM<sup>+</sup>11, LRGH<sup>+</sup>05, LMM<sup>+</sup>17, MV01, MHFM15, MvSdBL11, MdBL<sup>+</sup>11,  
PCB<sup>+</sup>00, PBNF<sup>+</sup>16, PSF<sup>+</sup>07, SdS01, SvDMC<sup>+</sup>16, SBD05, SGA97, VCR02,  
WDC<sup>+</sup>15, ZLJ08, ARC02, BC11, BBH05, BDW<sup>+</sup>98, BA10, BWD20, BDO00,  
BCG04, BL96, BSL08a, BSS15, CFJL96, CHPS00, CZVR02, CW97, CBS11,  
DB05, DC00, FL02, FCW<sup>+</sup>15, GWZ16, GBL<sup>+</sup>08, GLSK<sup>+</sup>17, GGO<sup>+</sup>14,  
GMC<sup>+</sup>12, GCN<sup>+</sup>97, HMW<sup>+</sup>15, HVN02, HCRX16, HCG<sup>+</sup>03, HWC07,  
HLM<sup>+</sup>01, KAI21, KMSM11, KMD<sup>+</sup>01, KTF07, KLČ<sup>+</sup>19, LBR<sup>+</sup>11, LGC<sup>+</sup>12,  
LFC16, LSC02, MMS<sup>+</sup>16, MDB98, MHB05, MORB<sup>+</sup>15, MGS<sup>+</sup>10, MBS<sup>+</sup>13,  
MCJ<sup>+</sup>99, MBTM97, MC13, MLS<sup>+</sup>15, NOT<sup>+</sup>09, NESB<sup>+</sup>15, NTS<sup>+</sup>11, OUK03,  
OENB01, PW15, PDE<sup>+</sup>16, RT14, RZL<sup>+</sup>10, RGS<sup>+</sup>97, RSB<sup>+</sup>15, SSUB15,  
SGD<sup>+</sup>03, TGK<sup>+</sup>11, TA01, VvdLS11, VAK<sup>+</sup>09, WPG<sup>+</sup>07, WKM<sup>+</sup>07a,  
WRZ<sup>+</sup>19, WWH97, WWC<sup>+</sup>19, WYW<sup>+</sup>02, WWN<sup>+</sup>02]. **dissolved**  
[WSLC15, YCN<sup>+</sup>10, YET06, YOI<sup>+</sup>09, ZZY<sup>+</sup>19, ZWQ<sup>+</sup>19, ZFA<sup>+</sup>02,  
vdMLB<sup>+</sup>11, LCE<sup>+</sup>23]. **dissolved-particulate** [RSB<sup>+</sup>15]. **Dissostichus**  
[SHC<sup>+</sup>22]. **distal** [BSS<sup>+</sup>17, CRD<sup>+</sup>17]. **distance** [RLB18b, SLM<sup>+</sup>20].  
**distance-to-coast** [SLM<sup>+</sup>20]. **distances** [HPS<sup>+</sup>13]. **distant** [LPAR24].  
**Distinct** [DAN23, CDM23, IUdV<sup>+</sup>12, KGB<sup>+</sup>11, LRN<sup>+</sup>14, WHC24].  
**distinction** [Car07]. **Distinctive** [KAHS20]. **Distinctiveness** [BH08].  
**distinguished** [BLS05, YFY<sup>+</sup>10, HLHW24]. **distinguishes** [CDM23].  
**Distributed** [CGG<sup>+</sup>19, GMCF19, KCO<sup>+</sup>19, SBB<sup>+</sup>19, KGB<sup>+</sup>14, MK19].  
**Distribution** [AAG06, AD08, APT11, ABC<sup>+</sup>05, ASV18, ADGA01, ASFI02,  
ARW<sup>+</sup>04, ADG<sup>+</sup>08, BKKK24, BLB<sup>+</sup>11, BMH08, BDM<sup>+</sup>03, BSL08a,  
BCH<sup>+</sup>11, BTC13, BSSE16, CHW<sup>+</sup>12, CPF<sup>+</sup>14, CHT<sup>+</sup>13, CDA98, CBS<sup>+</sup>01,  
CCC<sup>+</sup>23, CAGLV<sup>+</sup>06, CHSVB<sup>+</sup>19, DC12, DB97a, DONF08, DGB<sup>+</sup>98,  
EGMB13, ERB<sup>+</sup>99, FHT<sup>+</sup>14, GKQ<sup>+</sup>05, HSS<sup>+</sup>18, HML99, HK07, HP08,  
HK10, HSY08, HRM<sup>+</sup>11, HZWW16, JLK03, KRW03, KM98, KT02, KIM08,  
KTF07, KSS<sup>+</sup>00b, LGP<sup>+</sup>03, LB18, LHZ<sup>+</sup>16, LWB<sup>+</sup>20, LW10, LMF<sup>+</sup>21,  
LLM<sup>+</sup>02, LLM<sup>+</sup>03, MS06a, MC09, MEB<sup>+</sup>23, MHA<sup>+</sup>01, MBM<sup>+</sup>00, MBTM97,

MTM<sup>+</sup>13, MZH16, MHM<sup>+</sup>14, NTH10, NEN<sup>+</sup>07, NCSB<sup>+</sup>98, OMG<sup>+</sup>11, OUK03, OGBF08, PS04a, PMJW10, PPZ93, PNH<sup>+</sup>00, PC08, PGPP<sup>+</sup>13, PFG<sup>+</sup>03, PNC<sup>+</sup>06, PHKW10, RCM<sup>+</sup>17, SRS<sup>+</sup>20, SVJRSON04, SvdLM95, SCD14, SSV02, SSW05, TGA<sup>+</sup>09, TDvdE<sup>+</sup>10, TSSR20, TIS<sup>+</sup>13, VJP<sup>+</sup>10, VGBGPA02, VLR<sup>+</sup>02, VHC<sup>+</sup>17, WCC05]. **Distribution** [WPJW96, Yal01, YET06, ZZY<sup>+</sup>19, vdLCS<sup>+</sup>11, ALWW04, AWL<sup>+</sup>09, AM24, Ala13, Ala22, ACG<sup>+</sup>01, AKK<sup>+</sup>14, AJG<sup>+</sup>10, ATLD<sup>+</sup>20, Ano97b, ALR<sup>+</sup>14, ADGA05, ADGA06, ACG<sup>+</sup>17, AGD96, AAL<sup>+</sup>17, BDL<sup>+</sup>22, BGIJ<sup>+</sup>06, BJK<sup>+</sup>22, BMC99, BLSW05, BHMC05, BBH05, BSS<sup>+</sup>17, BBM<sup>+</sup>08, BWS<sup>+</sup>98, BvGH<sup>+</sup>17, BFT<sup>+</sup>97, BPM18, Bla94, BBR<sup>+</sup>18, BSRB17, BLdM<sup>+</sup>02, BBLE24, BWC<sup>+</sup>02, BHS<sup>+</sup>17, BCB07, BMK09, BFS<sup>+</sup>17, BJ15, BBB<sup>+</sup>01, CAMA<sup>+</sup>02, CBNR<sup>+</sup>09, CTW<sup>+</sup>15, CFL<sup>+</sup>99, CRDP02, CRNP06, CSM13b, CRF04, CHPF10, CWS05, CBSS02, CHN<sup>+</sup>18, CSF<sup>+</sup>12, CSG<sup>+</sup>13, CSS<sup>+</sup>10, CMTS97, CP02, CP05, CBK<sup>+</sup>07, CHH19, CBK<sup>+</sup>22, CRBK03, CHR97, CBPT05, CAÖT04, CBS11, CRI18, DEJ08, Dau18, DSN<sup>+</sup>10, DDAH<sup>+</sup>14, DTWF17, DZL<sup>+</sup>17, DWM<sup>+</sup>15, DMC<sup>+</sup>01, DRVVS<sup>+</sup>14, DRR17, DLL<sup>+</sup>15, DBL<sup>+</sup>19, DG18, DC06, EZB<sup>+</sup>20, EEAA<sup>+</sup>19, EEAC<sup>+</sup>20, ESK<sup>+</sup>23, EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, EPPR09]. **distribution** [ETD<sup>+</sup>11, FPB<sup>+</sup>14, FLTV04, FLTCV10, FVW08, FMO02, FWC<sup>+</sup>12, FSK<sup>+</sup>02, FUGG<sup>+</sup>09, FCBD08, FWZM12, FZW<sup>+</sup>13, GGF<sup>+</sup>08, GRWW01, GZGH22, GASGB<sup>+</sup>14, GGAMV<sup>+</sup>23, GCR<sup>+</sup>02, GWR93, GR10, GBPB<sup>+</sup>13, GGTMG<sup>+</sup>10, GRSW00, GSB<sup>+</sup>03, GWP<sup>+</sup>98b, GKBG17, GLMB18, GBVG<sup>+</sup>02, GOP<sup>+</sup>01, HZL<sup>+</sup>12, HMH<sup>+</sup>02, HPY<sup>+</sup>15, HCWH00, HHNK<sup>+</sup>04, HHKH<sup>+</sup>04, HWTN22, Hug14, HNCW23, HPM02, HRK14, JB01, JM15, JT07, JKK<sup>+</sup>10, JAP<sup>+</sup>13, Kam13, Kam15, KOM17, KFG<sup>+</sup>03, KMSM11, KSL<sup>+</sup>04, KNV<sup>+</sup>10, KBSS93, Kla97, KMK<sup>+</sup>20, KMKA20, KFK06, KOT<sup>+</sup>20, KEPZ93, KVMO25, KH10, KL13, KRLH14, LCVV06, LCD<sup>+</sup>24, LPA<sup>+</sup>17, LAB<sup>+</sup>17, LWA<sup>+</sup>04, LWSA08, LWAS08, LQF<sup>+</sup>02, LDHO<sup>+</sup>14, LAP<sup>+</sup>17, LL00, LGC<sup>+</sup>12, Lin04, LL14, LS10, LTL<sup>+</sup>23, LRDS18, LBM<sup>+</sup>20, LFC16, LDD<sup>+</sup>97, LCR<sup>+</sup>96, LLT<sup>+</sup>00, MTGY05, MBG18, MGHN01, MMY<sup>+</sup>20, MCK<sup>+</sup>19, MRRG23, MB15, MFB18, MDTS11a, MAN<sup>+</sup>20, MPH<sup>+</sup>05]. **distribution** [Mar13, MS99, MLS01, MNN10, MA05, MBMM<sup>+</sup>99, MGJ<sup>+</sup>18, MHPS19, MV99, MAB<sup>+</sup>01, MBK97, MNB02, MDH16, MOA<sup>+</sup>18, MGGTM19, MB08, MTWH04, NP03, NB10, NMC<sup>+</sup>07, NM18, NED09, NMWH19, NPA<sup>+</sup>22, OM98, OB22b, OPV11, OT10, OJK<sup>+</sup>10, OGJ<sup>+</sup>19, OLP<sup>+</sup>20, PBS06, PHS17a, PA25, PPM<sup>+</sup>17, PP95, PTS01, PMF<sup>+</sup>17, PRORSV<sup>+</sup>19, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PGM<sup>+</sup>15, PBN10, PE17, PBD<sup>+</sup>02, PL24, PdBK<sup>+</sup>03, PVT<sup>+</sup>21, PZT<sup>+</sup>19, QB02, QSA<sup>+</sup>09, RLD<sup>+</sup>15, RRT<sup>+</sup>17, RMA<sup>+</sup>20, RSWG04, RBP<sup>+</sup>05, RMCAR06, ROL<sup>+</sup>15, RSB<sup>+</sup>15, RNP93, RQM<sup>+</sup>08, SMA<sup>+</sup>17, SVAGRCS04, SKC99, SL06, SWZA02, SH99b, SBD05, SSUB15, SLM<sup>+</sup>20, SRF95, SKW<sup>+</sup>04, SRF09b, SKMDR02, SMV<sup>+</sup>13, SWBKK10, SFH<sup>+</sup>18, SJST13, SWH08, SGM<sup>+</sup>02, SHY<sup>+</sup>08, SB05, SN00, SHKW05, TCG00, TNT<sup>+</sup>15, TMGLM19, TLP<sup>+</sup>12, THT11, TKF16, TKP<sup>+</sup>20, TSB<sup>+</sup>14, TNBL95, UPS04, UGSK<sup>+</sup>20]. **distribution** [Uys06, VAM97, VSS<sup>+</sup>93, VVV04b, VSR<sup>+</sup>10, VGD14, WHF<sup>+</sup>19, WC24, WZZ<sup>+</sup>19, WLZ<sup>+</sup>19, Wat09, WGR<sup>+</sup>95, WMS<sup>+</sup>96, WAL<sup>+</sup>11,

WSFB02, WACGH11, WS11, WCS07, Wit00, WYW<sup>+</sup>02, WTL<sup>+</sup>06, WYIT13, WW04b, XAY<sup>+</sup>11, YWI<sup>+</sup>02, YTF02, YCA<sup>+</sup>20, YZZ<sup>+</sup>16, YSMW05, YBRT17, YBC<sup>+</sup>17, YSHS08, YS01, ZHD<sup>+</sup>08, ZFP<sup>+</sup>16, ZWM12, ZNPR09, ZWL<sup>+</sup>22, ZRC<sup>+</sup>11, Zon97, dCHdOF<sup>+</sup>18, dSG09a]. **Distributional** [KCL20, SE07]. **Distributions** [BDW<sup>+</sup>98, BWH<sup>+</sup>17, CMB02, GCS<sup>+</sup>12, GMLB99, HCL<sup>+</sup>22, HCG<sup>+</sup>03, IAA96, LBR<sup>+</sup>11, VAK<sup>+</sup>09, WCL<sup>+</sup>15a, AST<sup>+</sup>05, AS02a, Ano96f, BMCF97, BC05, BTR95, BDW<sup>+</sup>96, BO96, CAS<sup>+</sup>97, CSL<sup>+</sup>07, CLQ<sup>+</sup>18, CHL<sup>+</sup>95, CMB12, DCN<sup>+</sup>02, DK96, DÁSCP02, Duc93, EAF<sup>+</sup>17, FWC<sup>+</sup>95, FWG<sup>+</sup>97, FGH<sup>+</sup>13b, GDE<sup>+</sup>96, GGRW99, GGRW98, HMW<sup>+</sup>15, HLS<sup>+</sup>02, HBC<sup>+</sup>12, HWC07, ISB<sup>+</sup>11, JML08, JLL<sup>+</sup>15, KRGT14, Kos01, LKC96, Lar04, LSM<sup>+</sup>06b, LDG<sup>+</sup>23, LL95, LH08, LSWH07, MAH<sup>+</sup>12, MRB<sup>+</sup>14, MDH08, MDTS11b, MHTZ19, MSV<sup>+</sup>17, MYE<sup>+</sup>02, MS18, Mun14, Mun16, PSHF<sup>+</sup>13, PSUH<sup>+</sup>16, PC98, PBNF<sup>+</sup>16, QW15, RR96, RSB<sup>+</sup>17, RQRVM10, RYT01, SMY<sup>+</sup>98, SHGB95, SvDMC<sup>+</sup>16, SLT<sup>+</sup>11, SAM<sup>+</sup>13, SSDA13, SMS<sup>+</sup>08, SBA18, SCPP05, TLSY11, TBT05, TAB<sup>+</sup>05, VvdLS11, VM01, WYPY06, WOU06, WR01, WSL<sup>+</sup>11, YOK<sup>+</sup>10, YZZ<sup>+</sup>19, YSBH06, ZNM<sup>+</sup>02, dBC<sup>+</sup>09]. **Disturbance** [BBAL<sup>+</sup>20, PGC<sup>+</sup>11, AS01a, AFC<sup>+</sup>17, Blu01, BJSH14, BT98, CTT09, GIPLL<sup>+</sup>14, IARR01, RBA<sup>+</sup>01, RSN01, SNPS01, YLG<sup>+</sup>18, BBS<sup>+</sup>20]. **disturbances** [KGHA<sup>+</sup>01]. **disturbed** [Bor01, Kos01, VT01]. **Diurnal** [FCA04, RWL<sup>+</sup>93, TS93, ZHY<sup>+</sup>13, ZLW<sup>+</sup>19, ALWW04, HF21, JR15, LT16, LPPK14, SSC<sup>+</sup>23]. **Dive** [RSH10, BHB<sup>+</sup>07, CFGR07, KFS<sup>+</sup>17, TCEW07]. **divergence** [LBD<sup>+</sup>02, TdFAL19]. **divergens** [YBC<sup>+</sup>17]. **divergent** [Ben13]. **diverse** [BHSJ16, DFJ18, DSYH09, RMBW07, SPS<sup>+</sup>09, TPW<sup>+</sup>16]. **diversification** [OPDM11]. **diversities** [KFS<sup>+</sup>17]. **Diversity** [BRM18, BBBM04, CBNR<sup>+</sup>09, ESG<sup>+</sup>17, FHR<sup>+</sup>14, Gag04, GBPB<sup>+</sup>13, JJVH18, JT07, JSSW14, KFK06, KH10, LS18, MB07b, MFB18, MLBB14, MTDK98, MFM<sup>+</sup>18, OPDM11, SH11a, SWMB10, WABW02, WS11, BFA<sup>+</sup>08, BPPJ15, BRP<sup>+</sup>13, BSW<sup>+</sup>13, BOJ<sup>+</sup>10, CSM13b, CP18b, CCK<sup>+</sup>16, CBHF10, CG04, CNM17, DCL<sup>+</sup>09, DCC<sup>+</sup>13, DKT<sup>+</sup>01, DHGO23, DVS<sup>+</sup>14, DLB<sup>+</sup>11, EBGCL08, Gol15, Gol18, GKB<sup>+</sup>18, GLSK<sup>+</sup>17, GBSL98, GBLS00, GRB<sup>+</sup>17, HNS<sup>+</sup>11, HEV<sup>+</sup>10, IBK<sup>+</sup>11, JBOH10, KOM17, KNB<sup>+</sup>24, KY17, KSM<sup>+</sup>11, KSS<sup>+</sup>00b, LTG<sup>+</sup>09, LBSB<sup>+</sup>17, LG98, LCL<sup>+</sup>22, LLM<sup>+</sup>17, LPAR24, MS09, MNN10, MCD<sup>+</sup>09, MMN10, NMN<sup>+</sup>17, NKA<sup>+</sup>11, OvdRvA<sup>+</sup>22, OB22a, OJK<sup>+</sup>10, OBH<sup>+</sup>18, OBKA17, PGC<sup>+</sup>11, PC98, PSAY20, RHL<sup>+</sup>22, RDV<sup>+</sup>09, SCD14, SBB<sup>+</sup>11, SBE<sup>+</sup>07, SBP13, SAW16, SJST13, Thi98, TBPS22, VVM<sup>+</sup>12, VALM17, Vri09, WSSN10, WAP<sup>+</sup>18, Wil98]. **diversity** [Wil08, WYIT13, dSG09a, SJD<sup>+</sup>11]. **dives** [DFMW13, FMWD07, HCBL<sup>+</sup>17, RSH10]. **Dividing** [PAR<sup>+</sup>08]. **Diving** [WHLR13, BCE<sup>+</sup>07, BHBC08, GBC<sup>+</sup>13, RAT<sup>+</sup>13, RCM<sup>+</sup>17, RCKCK07, SMA<sup>+</sup>17, TMH<sup>+</sup>08, YKN07]. **Division** [KNV<sup>+</sup>10, NMR10, FVSRR14, HCWH00]. **DMS** [BMML06, BBM<sup>+</sup>08, DNM<sup>+</sup>16, LSM<sup>+</sup>06b, MLS<sup>+</sup>06, NHS<sup>+</sup>09, TLP<sup>+</sup>12, WB01, ZFA<sup>+</sup>02]. **DMSO** [Hat02a]. **DMSP** [SMGB03, ASH<sup>+</sup>11, BBM<sup>+</sup>08, DNM<sup>+</sup>16, Hat02a, LSM<sup>+</sup>06b, LLK<sup>+</sup>09, MLS<sup>+</sup>06, MBK97, OFD<sup>+</sup>22, SMGB02, ZFA<sup>+</sup>02]. **DNA**

[ANL13, BFK<sup>+</sup>14, BHK<sup>+</sup>10, BOJ<sup>+</sup>10, CTW<sup>+</sup>20, EP18, HNS<sup>+</sup>11, JBOH10, LEP14, LCL<sup>+</sup>22, NLY<sup>+</sup>13, OBPY10, PFdSG11, PDY20, WBCB06, vdROO<sup>+</sup>24]. **DNA-based** [ANL13, CTW<sup>+</sup>20]. **Do** [Ano05e, BCBB12, BU05, GFCS04, SMH<sup>+</sup>06, BY09, RLGG07, RCKCK07, SLDL93, XZM<sup>+</sup>23]. **DOC** [LCE<sup>+</sup>23, Avr02, BDWG02, LRGH<sup>+</sup>05, ME02, SNS10, VS10]. **dockside** [DCD<sup>+</sup>14]. **documentation** [FSG02]. **Documenting** [FNS20, GLK<sup>+</sup>06a].

**Does**  
[BBR<sup>+</sup>18, HPS<sup>+</sup>13, PWR05, SLD<sup>+</sup>13, LLD<sup>+</sup>17, LPD<sup>+</sup>17, SFR<sup>+</sup>06, WTT<sup>+</sup>20].

**Dolichobdella** [UC13]. **dolomite** [WOM<sup>+</sup>16]. **dolphin**  
[PWL07, PJLO<sup>+</sup>17, RAT<sup>+</sup>13]. **dolphinfish** [BHS<sup>+</sup>17, TMGLM19]. **dolphins**  
[CV17, DONF08, KG20]. **DOM** [NTS<sup>+</sup>11]. **domain**  
[KBL01, MDK<sup>+</sup>01, HSSN08, Mac08, MSMS08]. **domains**  
[DSW20, FWZM12, FZW<sup>+</sup>13, MSGO18]. **domal** [GTB15]. **dome**  
[CS19, LPJ<sup>+</sup>19]. **Dominance** [CdST<sup>+</sup>17, MBP<sup>+</sup>20, MTD<sup>+</sup>18]. **dominant**  
[BT03, EGMB13, Gol18, MWK<sup>+</sup>20, RQM<sup>+</sup>08, SKMDR02, TSP<sup>+</sup>18].

**dominate** [DBR22]. **dominated**  
[BG94, BSCR11, LRR<sup>+</sup>04, LDSV98, PTD<sup>+</sup>17, PCB<sup>+</sup>17, TBC<sup>+</sup>17, WTZ02].

**dominating** [ELG<sup>+</sup>22a, ELG<sup>+</sup>22b]. **Donald** [Goe02]. **Doppler**  
[BMM<sup>+</sup>99, HVBO08]. **dormancy** [ODCP98]. **dormant** [JPC06]. **dorvilleid**  
[LZM<sup>+</sup>13]. **Dorvilleidae** [AP22, VHM17]. **doses** [CWWB04]. **Dosidicus**  
[FEB<sup>+</sup>13, NA13, Sei13, SFMG13, SGFP13, TS13]. **Dotson** [MLW<sup>+</sup>16].

**dovekies** [KH02]. **DOVETAIL** [MH02]. **down**  
[EMG<sup>+</sup>15, HPS<sup>+</sup>11, LWO<sup>+</sup>09, NGS<sup>+</sup>15, SFZ<sup>+</sup>13, YWI<sup>+</sup>02]. **downscaled**  
[PCH<sup>+</sup>22]. **downscaling** [CHH<sup>+</sup>21, HKC<sup>+</sup>21]. **downstream** [JBVW12].

**Downward** [GHIM04, ZD97, CCP<sup>+</sup>18, HdMR<sup>+</sup>99, IOK03, KSU<sup>+</sup>08, LSdC<sup>+</sup>10, PIP<sup>+</sup>02, RSR<sup>+</sup>00, TMP<sup>+</sup>19, TRWB99]. **Dr** [HLHW24, RAB<sup>+</sup>17].

**Dr.** [Ano06a, HWWM19, HBC<sup>+</sup>22, MLB<sup>+</sup>10, MTD<sup>+</sup>09]. **draft** [HVBO08].

**Drag** [JS14]. **Dragons** [AM24]. **Drake**  
[FGH<sup>+</sup>13b, vdLCS<sup>+</sup>11, BPRS11, BCH<sup>+</sup>19, ECD<sup>+</sup>17, FGH<sup>+</sup>13a, GARVK04, HMS<sup>+</sup>13, HSH<sup>+</sup>13, JCM<sup>+</sup>13, MRB<sup>+</sup>14, MBS<sup>+</sup>13, MLS<sup>+</sup>15, PRB<sup>+</sup>11, RPS<sup>+</sup>11, SAM<sup>+</sup>13, SGP<sup>+</sup>11, VvdLS11, ZZM<sup>+</sup>13]. **drawdown**  
[BWL01, DVPR06]. **dredged** [BMOW09]. **Drift** [HB03, TLW<sup>+</sup>94, CMK<sup>+</sup>18, GMCR18, HHW<sup>+</sup>08, HSH<sup>+</sup>08, Hen19, JWS01, KHL<sup>+</sup>15]. **Drifter**  
[BLO04, HRT14, MC06, STP<sup>+</sup>16]. **drifters**  
[AL98, BTRL99, DBG<sup>+</sup>16, HRSJ23, KLM13, NLHB01, Ric05, SLP<sup>+</sup>09].

**Drifting** [SSH<sup>+</sup>11, ETDB11, HKSV11, HSM11, HP08, KRS<sup>+</sup>11, LRH<sup>+</sup>11, LMLC<sup>+</sup>17, MRE<sup>+</sup>11, MYN<sup>+</sup>96, OLP<sup>+</sup>20, PFW<sup>+</sup>09, RVS11, REWH11, SLS<sup>+</sup>07, SRH<sup>+</sup>11, SRB<sup>+</sup>11, SHM<sup>+</sup>11, SSS<sup>+</sup>11, Smi11, VSC<sup>+</sup>11]. **drill**  
[JBJ17, JBD<sup>+</sup>09]. **Drilling** [Ano07d, CTT09, DPK<sup>+</sup>14, DKP<sup>+</sup>14, GBB<sup>+</sup>17, NLDJ14, NGF09, PDK<sup>+</sup>14, PFC09, PSP<sup>+</sup>09, PFAZL09, SLS<sup>+</sup>09, TZ09].

**drive** [LLD<sup>+</sup>17, LPD<sup>+</sup>17]. **driven** [BMRP02, DBD03, KL13, LLR<sup>+</sup>06, LG09, LDG<sup>+</sup>23, LWSZ13, LPM<sup>+</sup>19, LAT<sup>+</sup>18, MBNB<sup>+</sup>08, MSF<sup>+</sup>22, NR00, OUJ<sup>+</sup>19, RG93, SDT<sup>+</sup>17, WCL22, ZPG14]. **Drivers** [ADRS19, JRJ<sup>+</sup>22, AZK<sup>+</sup>20, AAL<sup>+</sup>17, CD20, CS20, DCC<sup>+</sup>13, DCSV19, EFR<sup>+</sup>19, GDAMS19, KCMT<sup>+</sup>20,

LRDS18, MMS25, SLdB<sup>+</sup>15, SNFK20, SFH<sup>+</sup>18]. **driving** [MSM<sup>+</sup>02, PPA10]. **droplet** [LAPL<sup>+</sup>16]. **Drygalski** [SYZ<sup>+</sup>24, VT09]. **DSi** [RdGM<sup>+</sup>09]. **DSV** [RSH10]. **dual** [SHL<sup>+</sup>11]. **dual-tracer** [SHL<sup>+</sup>11]. **due** [CV17, EGG<sup>+</sup>05, EBDL08, JZ01, MLP<sup>+</sup>10, SMB03, WSP19]. **dump** [KPPL00]. **dumped** [BKS<sup>+</sup>16, EB16]. **dumping** [KGB16]. **dumpsites** [BSE<sup>+</sup>16]. **duration** [ROC<sup>+</sup>21, SD06b]. **during** [AST<sup>+</sup>05, APL<sup>+</sup>23, ATJ05, Ald95, ÁRR02, AAMF<sup>+</sup>02, ACFS02, Ano95b, AKK<sup>+</sup>17, ANI09, ASN<sup>+</sup>02, AGN<sup>+</sup>02, ABS<sup>+</sup>14, ADAM02, ASFI02, ARW<sup>+</sup>04, AGP05, ACG<sup>+</sup>17, BSM01a, BSMV03, BCI02, BCH<sup>+</sup>96, BRG<sup>+</sup>19, BDB97, BSL<sup>+</sup>96, BMB<sup>+</sup>01, BMGF93, BMCF97, BPRS11, BBL<sup>+</sup>13, BC03, BLO04, Bec97, BS01, BTR95, BDM<sup>+</sup>03, BSL08a, BCH<sup>+</sup>11, BCDV02, BA02, BZMC20, BMF<sup>+</sup>01, BGDT11, BLO<sup>+</sup>17, BRSIW95, BGH99, BA01, BGS<sup>+</sup>08, BND<sup>+</sup>04, BRPI02, BY09, BLB<sup>+</sup>99, BL01b, BLC<sup>+</sup>02, BMT20, BAH<sup>+</sup>95, CAMA<sup>+</sup>02, CRD01, CAS<sup>+</sup>16, CW22, COS<sup>+</sup>16, CTBNL08, CD99, CRDP02, CRF04, CAFK03a, CRP<sup>+</sup>05, CMG<sup>+</sup>12, CLSS15, CWB02, CP22, CMAO<sup>+</sup>12, CGR<sup>+</sup>96, CWEHT22, CDA98, CFKS05, CFS09, CRM<sup>+</sup>16, CBJ<sup>+</sup>23, CCC<sup>+</sup>23, CSS<sup>+</sup>22a, CPEN08, CMRL11, DMJ93, DD95, DNM<sup>+</sup>16, DRD06, DPS<sup>+</sup>14, DSO<sup>+</sup>97, DKN<sup>+</sup>97, DC00, DCM<sup>+</sup>99, DB97a, DDL06, DSN<sup>+</sup>20, DO01, DOB<sup>+</sup>01, DLL<sup>+</sup>15, DZ08, DSvR<sup>+</sup>18]. **during** [DTP<sup>+</sup>05, DI00, Dri09, DKQ<sup>+</sup>93, DQC95, DC06, EBS99, EBB<sup>+</sup>08, EHK09, EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, FPLB<sup>+</sup>08, FLTV04, FLM10, FHAH16, FLTV97, FWC<sup>+</sup>95, FWG<sup>+</sup>97, FMO02, FWP<sup>+</sup>07, Fig02, FSP<sup>+</sup>16, Fir96, FK98, FSK<sup>+</sup>05, FS02, FG97, FMH<sup>+</sup>02, GMK<sup>+</sup>08, GBH<sup>+</sup>01, GSMB01, GEP<sup>+</sup>16, GCR<sup>+</sup>02, GWR93, GGH98, GG93, GSB<sup>+</sup>23, GdRGH<sup>+</sup>14, GGLP02, GHIM04, GBC<sup>+</sup>05, GHM<sup>+</sup>12, GJC98, Gra09, GBI10, GCB04, GMMS05, HNW<sup>+</sup>08, Had11, HdVGHM02, HBSL01, HS96, HOD<sup>+</sup>09, HSS<sup>+</sup>12, HVWH09, HTS<sup>+</sup>09, HDD<sup>+</sup>11, HMS<sup>+</sup>13, HMW<sup>+</sup>15, HML99, HZL<sup>+</sup>12, HMH<sup>+</sup>02, HAGW<sup>+</sup>13, HMAW11, HKN<sup>+</sup>04, HAP03, HDCM95, HKP10, HSK<sup>+</sup>00, HHP04, HXC<sup>+</sup>22, Hus16, HKY<sup>+</sup>16, IGN<sup>+</sup>10, IOTS16, IF95, IHSS<sup>+</sup>10, IHI<sup>+</sup>97, ITMG18, IPH<sup>+</sup>17, Jac95b, JLR<sup>+</sup>13, JWS01, JR04, JFK<sup>+</sup>10, JTDG13, Joy16, JH04, KF95, KBLA97, KB99, KJL<sup>+</sup>17, KGE<sup>+</sup>04, Kas24, KSH<sup>+</sup>09, KWN<sup>+</sup>09, KT05, KRF01, Kem94]. **during** [KFF<sup>+</sup>94, KSH12, KMM<sup>+</sup>08, KYI10a, KYI10b, KYKJ16, KUN10, KT02, KIM08, KLD21, KDG<sup>+</sup>97, KC04, KNC<sup>+</sup>09, KCL20, KRG<sup>+</sup>01, KHE<sup>+</sup>11, KND<sup>+</sup>08, LWO<sup>+</sup>09, LUV99, LDV<sup>+</sup>02, LBL08, LCK95, LBC<sup>+</sup>98, LCvdM<sup>+</sup>16, LB98a, LJHAA19, LCS<sup>+</sup>06, LSS<sup>+</sup>11, LMG93, LSM<sup>+</sup>06b, LTW<sup>+</sup>11, LDHI93, LL95, LDGH16, LCL<sup>+</sup>98, LLK<sup>+</sup>09, LDFS93, LAF<sup>+</sup>02, LBB<sup>+</sup>06, LLK05, LSS<sup>+</sup>07, LAT<sup>+</sup>18, MGHN01, MGR<sup>+</sup>03a, MBHP99, MB15, MMHB98, MSF<sup>+</sup>22, MT15, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MFG<sup>+</sup>93, MPH<sup>+</sup>05, MDSA19, MWK<sup>+</sup>20, MGNB96, MGN99, McP08, MJG<sup>+</sup>13, MNG<sup>+</sup>11, MGH<sup>+</sup>16, MAB<sup>+</sup>01, MLS<sup>+</sup>06, MBK97, MSS15, MAA<sup>+</sup>04, MAA<sup>+</sup>05, MSH<sup>+</sup>07, MHP<sup>+</sup>07, MGG<sup>+</sup>09, MCG<sup>+</sup>98, MCS<sup>+</sup>99, MGC<sup>+</sup>01, MMG98, NOT<sup>+</sup>09, NKF<sup>+</sup>10, NMK<sup>+</sup>20, NMW<sup>+</sup>09, NKD<sup>+</sup>08, NKK<sup>+</sup>00, NLS<sup>+</sup>10, NTH10, NTK<sup>+</sup>09, NKB95, NED09, OVKN11, OCL<sup>+</sup>08, ONSSVGR04, OE06, OYM<sup>+</sup>13, OTA<sup>+</sup>05, OTOH05, OSCS00, OTH05, OT12, PAM<sup>+</sup>04]. **during**

[PF04a, PF04b, PIP<sup>+</sup>02, PLRV22, PPRL02, PWD<sup>+</sup>11, PDA<sup>+</sup>20, PMJW10, PPZ93, PNH<sup>+</sup>00, PAVGBG02, Pee97, PHS<sup>+</sup>11a, PMLM<sup>+</sup>02, PTD<sup>+</sup>14, PCY<sup>+</sup>13, PWJF20, PFW<sup>+</sup>20, PSS<sup>+</sup>16, PCAS05, PPF<sup>+</sup>15, PJ99, PPL<sup>+</sup>07, PSP<sup>+</sup>09, PS05, PLHMA06, PP20, Qua97, QTPS97, QB02, RR96, RSR05, RA98, RGH<sup>+</sup>24, RWR<sup>+</sup>02, RMD<sup>+</sup>12, RBP<sup>+</sup>05, RCF<sup>+</sup>08, RLPF07, RSF<sup>+</sup>99, RWRS08, RHB<sup>+</sup>95, RMC<sup>+</sup>93, RIBW99, RWZ<sup>+</sup>02, RMPI<sup>+</sup>17, RDG<sup>+</sup>95, RFB97, SLC<sup>+</sup>20, SCM<sup>+</sup>02, STN<sup>+</sup>06, STN<sup>+</sup>09, SRS<sup>+</sup>20, SIA<sup>+</sup>05, SMB<sup>+</sup>93, Sam01, SMZ<sup>+</sup>08, SVJRSON04, SVAGRCS04, SCGDU09, SPSM23, SVC<sup>+</sup>08, SD06a, STF09, SF10, STJ<sup>+</sup>08, SvdMC<sup>+</sup>16, SMS01, SSHM<sup>+</sup>08, SRY04, SBBP<sup>+</sup>15, Sco05, SSUB15, SLMP07, SLA<sup>+</sup>01, SRC98, SOS01, SZH<sup>+</sup>04, SNPS01, SSW05, SSR13, SMP<sup>+</sup>15, SMBM00, SGJ<sup>+</sup>20, SKW<sup>+</sup>04, SVS93, SSE<sup>+</sup>14, SC16, SZV<sup>+</sup>19, SDB<sup>+</sup>97, SSLA95, SHL<sup>+</sup>11, SMH<sup>+</sup>11, SWH08, SDMS06]. **during** [SBE<sup>+</sup>99, Ste13, SWLW11, SBA18, SLP<sup>+</sup>17, SFB16, SNW08, SKF<sup>+</sup>10, SKMS08, SLB13b, SMLS02, SSI<sup>+</sup>09, SKH10b, TYBY06, TBEW99, TCG00, TFR<sup>+</sup>10, TLK<sup>+</sup>02, TPS<sup>+</sup>15, TA01, TBB<sup>+</sup>08, TSN<sup>+</sup>06, TDKA05, UWvdE<sup>+</sup>16, VJP<sup>+</sup>10, VPK<sup>+</sup>19, VSS<sup>+</sup>93, VNBW18, VPS97, VMF<sup>+</sup>16, WLP<sup>+</sup>09, WAPL95, WH98, WSE<sup>+</sup>16, WKM<sup>+</sup>07a, WCMB06, WT14, WL20, WLY<sup>+</sup>22, WFA<sup>+</sup>95, WGB<sup>+</sup>04, WO99, WGR<sup>+</sup>95, WSLP10, WJR<sup>+</sup>16, Wei99, WBJ<sup>+</sup>98, WFR<sup>+</sup>02, WPJW96, WPAP01, WZW<sup>+</sup>95, WPW95, WABW02, WLD<sup>+</sup>06, Wir94, WRBS10, WWN<sup>+</sup>02, WTL<sup>+</sup>06, WJS<sup>+</sup>06, WLC99, WMA11, WSL<sup>+</sup>11, Yal01, YOK<sup>+</sup>10, YOO<sup>+</sup>10, YK16, YNG<sup>+</sup>16, YMC<sup>+</sup>22, YCA<sup>+</sup>20, YZZ<sup>+</sup>16, YOI<sup>+</sup>09, YKJ<sup>+</sup>15, Zel01, ZDWR95, ZZZ<sup>+</sup>16, ZZP04, ZA16, ZDBG05, ZG15, dBC<sup>+</sup>09, dSEDW11, dSSB<sup>+</sup>01, vAvVV<sup>+</sup>03, vC97, vGTG<sup>+</sup>00, vHHH<sup>+</sup>11, vdLCS<sup>+</sup>11, vdMLB<sup>+</sup>11]. **dust** [DLF<sup>+</sup>09b, GMC97, HZK<sup>+</sup>05, PMLM<sup>+</sup>02, SBD05, TP99, TPGCCS<sup>+</sup>02, VM01]. **dweller** [DCA<sup>+</sup>98]. **dwelling** [BMS<sup>+</sup>18, DSD12, JAP<sup>+</sup>13]. **DWH** [HSB<sup>+</sup>16, QNL<sup>+</sup>16, YSWJ16]. **DYFAMED** [Avr02, BGG<sup>+</sup>09, GG02, Mar02, MCPA02, MC02, BCM02, CMB02]. **DYFAMED-BENTHOS** [GG02]. **DynaLiFe** [AA12]. **Dynamic** [JBVW12, LSH<sup>+</sup>24, NESB<sup>+</sup>15, RHL<sup>+</sup>22, AA12, AM07, BLH05, CWE<sup>+</sup>17, DDS11, GGC19, HYMD11, KG20, LBB11, NSH<sup>+</sup>10, TWA<sup>+</sup>12, TCG<sup>+</sup>18, WZW<sup>+</sup>22]. **Dynamical** [Gol93, CHH<sup>+</sup>21]. **Dynamically** [PCH<sup>+</sup>22, HKC<sup>+</sup>21]. **Dynamics** [ASN<sup>+</sup>02, BCO<sup>+</sup>96, BLB<sup>+</sup>02, CH19, GTTKB14, GSF<sup>+</sup>19, GSF<sup>+</sup>20, HWCT04, KIY<sup>+</sup>05, MWB<sup>+</sup>09, NMK<sup>+</sup>20, PTP09, PWJF20, SNIT02, TŠŠ<sup>+</sup>19, TFR<sup>+</sup>10, UWTS09, WBML06, XGL15, YOI<sup>+</sup>09, YH10, APMN<sup>+</sup>17, ADRS19, ASK<sup>+</sup>05, AJG<sup>+</sup>10, AMP<sup>+</sup>03, Avr02, BSG<sup>+</sup>11, BS03, BH19a, BTFB12, BMG<sup>+</sup>04, BGG<sup>+</sup>09, BH99b, BFF<sup>+</sup>10, Bre93, BM07, BFK<sup>+</sup>14, BLB<sup>+</sup>99, BLC<sup>+</sup>02, BTUV08, BNFS01, BBD<sup>+</sup>03, BAD<sup>+</sup>14, CDS96, CHPS00, CSH<sup>+</sup>13, CPH01, DD95, DHW98, Di 03, DLL<sup>+</sup>15, DK96, DQC14, DWJ<sup>+</sup>15, DOC01, DLB02, DKQ<sup>+</sup>93, DQC95, ESAG10, EMW<sup>+</sup>08, FMS08, FHYI03, GOD<sup>+</sup>01, GLF<sup>+</sup>03, GMM<sup>+</sup>20, GGM<sup>+</sup>16, HT01, HTTS12, HVWH09, HCAK17, HWCT08, HH05, HCRX16, HAM<sup>+</sup>15, HZL94, HBO11, JCF<sup>+</sup>06a, JCF<sup>+</sup>06b, JLR<sup>+</sup>13, JMM<sup>+</sup>13, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, KMMS18, KYI10b, KMO09, KFKZ24, KND<sup>+</sup>08, LSB<sup>+</sup>02, LBR<sup>+</sup>08, LSM<sup>+</sup>06b,

LPM<sup>+</sup>19, LTS<sup>+</sup>97, LH15, LL13, LPPK14, MTGY05, MBNB<sup>+</sup>08, MPV<sup>+</sup>11].  
**dynamics** [MLH14, MCPA02, MGN99, MLG<sup>+</sup>02, MLS<sup>+</sup>06, MWT<sup>+</sup>17, MMJ<sup>+</sup>03, MWFS17, NMH<sup>+</sup>06, NKD<sup>+</sup>08, NCE<sup>+</sup>23, NKB95, OC00, OPB15, PF04a, PF04b, PLRV22, PLT<sup>+</sup>13, PVK<sup>+</sup>20, PWH05, PPT<sup>+</sup>10, PLPS98, PPL<sup>+</sup>07, PABH07, PMG<sup>+</sup>22, QTPS97, RTB02, ROPB03, RGH<sup>+</sup>24, RLVF02, RBN<sup>+</sup>08, RG93, SRHP23, STK02, STN<sup>+</sup>06, SNS10, SVB<sup>+</sup>19, SF10, SVR<sup>+</sup>00, SH99a, SLA<sup>+</sup>01, SLT<sup>+</sup>11, SLHS20, SE24, SPEPS18, Sig17, SDMC03, SBC17, SGD14b, SAM<sup>+</sup>12, SGP<sup>+</sup>02, SKF<sup>+</sup>10, TSZ10, TAB<sup>+</sup>02, TKF07, UKM16, VPA<sup>+</sup>20, VJF23, VS10, VSC<sup>+</sup>11, VSR<sup>+</sup>00, WAPL95, WMW<sup>+</sup>20, WGR<sup>+</sup>97, WCC05, WT12, WTZ02, WZ03, WJS<sup>+</sup>06, WTW07, WPL<sup>+</sup>15, WC09, WSP19, WZ14, YK05, Ynd09, ZCG<sup>+</sup>12, ZS19, vGTG<sup>+</sup>00, vWDB<sup>+</sup>01].

**E-** [PMJW10]. **E-80°** [SKH10b]. **E-Flux** [BNM08, KND<sup>+</sup>08, NKD<sup>+</sup>08].  
**E-Weddell** [JR11]. **E.** [SLC<sup>+</sup>15]. **Early** [ASMH08, DM16b, DSC<sup>+</sup>19, GP16, HMB<sup>+</sup>96, MHB<sup>+</sup>95, PLdL97, PTD<sup>+</sup>17, PCB<sup>+</sup>17, SBZ<sup>+</sup>03, SAVP12, SDB<sup>+</sup>19, TBC<sup>+</sup>17, WWB04, ADAM02, BGIJ<sup>+</sup>06, Bec97, BTR95, BZS<sup>+</sup>16, DDAH<sup>+</sup>14, DSO<sup>+</sup>97, DKN<sup>+</sup>97, EGL<sup>+</sup>16, FSCC07, FWP<sup>+</sup>07, FWM<sup>+</sup>11, HHW<sup>+</sup>08, HiI<sup>+</sup>19, HiI<sup>+</sup>20, HPH<sup>+</sup>16, JGM09, KKT16, LWO<sup>+</sup>09, McP08, MDH16, OVKN11, OG11, OB22b, OSHB07, PMM<sup>+</sup>16, Row13, RGIH<sup>+</sup>06, SRS<sup>+</sup>20, SZV<sup>+</sup>19, SSDA13, SSR<sup>+</sup>14, SWH08, SMLS02, UKJ<sup>+</sup>20, WLC99, ZA16, vdROO<sup>+</sup>24]. **early-diagenetic** [FSCC07].  
**Earth** [KGJ<sup>+</sup>25, CVA<sup>+</sup>13, FSCC07, HOD<sup>+</sup>09, Pal19, PPR07, VOK<sup>+</sup>24, ZLJ08, BHHM<sup>+</sup>12]. **earthquakes** [GPÇ18]. **EASIZ** [CA06b]. **East** [Ano14, ADGA06, DBDT03, EBG<sup>+</sup>11, GZGH22, GAHD<sup>+</sup>17, HZZ10, LXWC21, LSC02, MBS05, PBO<sup>+</sup>11, PDBH03, PDY20, Sco05, SSK<sup>+</sup>05, SSK<sup>+</sup>07, VSGM03a, WYW<sup>+</sup>02, YKSI19, YH10, ZBC<sup>+</sup>13, ZGGF22, ADE22, BW04, CW22, CWFP94, EHL02, FKH05, Gol15, HHMF11, HSPS24, KWH<sup>+</sup>05, LWSZ13, MLH<sup>+</sup>22, NLDJ14, NHD11, OB22a, OB22b, PLL<sup>+</sup>06, PBN10, SRHP23, SZV<sup>+</sup>19, TBW<sup>+</sup>11, AIW03, ADGA05, BSL11, CSGC03a, CLC<sup>+</sup>03, CC03, CSGC03b, CLL<sup>+</sup>03, CCC<sup>+</sup>03, CMC11, DLG<sup>+</sup>14, DBD03, DBL<sup>+</sup>05, FPHH<sup>+</sup>09, FB05, FHYI03, GWZ16, GR10, GWWL03, GKB19, GMC<sup>+</sup>12, GZZC10, HCL<sup>+</sup>22, HB03, HBBD03, HDD<sup>+</sup>11, HLZY10, HMAW11, HSR<sup>+</sup>16, HZK<sup>+</sup>05, HZK04, HH05, HGM<sup>+</sup>11, HTM<sup>+</sup>03, HSK<sup>+</sup>00, HZN<sup>+</sup>16, HZWW16, HLL<sup>+</sup>09, HCG<sup>+</sup>03, IOK03, JKK<sup>+</sup>10, JSM<sup>+</sup>16, JCP17, JKP<sup>+</sup>17, JFK<sup>+</sup>10, JSP<sup>+</sup>17, JRK<sup>+</sup>17, KIIW03, KM05b, KJL<sup>+</sup>17, KLL03, KFJ<sup>+</sup>05, KKK<sup>+</sup>17, KHL<sup>+</sup>17, KHH<sup>+</sup>17, LT16, LC03, LN05, aLCS15, LKLK17, LJL<sup>+</sup>17].  
**East** [LAP<sup>+</sup>17, LZC<sup>+</sup>16, LWL<sup>+</sup>16, LHZ<sup>+</sup>16, LPSS03, LCL<sup>+</sup>10, MDJS11, MW99, MNG<sup>+</sup>11, MGH<sup>+</sup>16, MW05b, MS12, MSNL09, MMG98, NLSL09, NMW<sup>+</sup>09, NPBS00, NKK<sup>+</sup>00, NVK<sup>+</sup>04, NCR<sup>+</sup>08, OVKN11, OUK03, OMY<sup>+</sup>03, OT03, PW05, PK13, PKHH17, PNH<sup>+</sup>00, PDT<sup>+</sup>10, PRJW05, PZL<sup>+</sup>09, RZL<sup>+</sup>10, RZS<sup>+</sup>16, RJ05, RCM<sup>+</sup>17, RCF<sup>+</sup>16, SMV<sup>+</sup>03, SvdMC<sup>+</sup>16, SHD<sup>+</sup>14, SSY<sup>+</sup>05, SLS<sup>+</sup>10, SFV<sup>+</sup>98, SGC03, SHH03, SVKT20, SLZ<sup>+</sup>16, SHW<sup>+</sup>16, SGW<sup>+</sup>00, Sum19, SYB<sup>+</sup>11, SRS11, STS11, Tan03, TSZ10, TMT<sup>+</sup>11, TML<sup>+</sup>16, TKF16,

TIKS03, UWvdE<sup>+</sup>16, VSGM03b, VMF<sup>+</sup>16, WSE<sup>+</sup>16, WL20, WvdEM00, WNRM08, WMP<sup>+</sup>11, WWW<sup>+</sup>02, WZ03, WP17, WSL<sup>+</sup>11, WvdE00, WLH<sup>+</sup>16, XSM<sup>+</sup>19, YKS03, YZZ<sup>+</sup>16, YK04, YKSI19, YAOW05, YCYK10, YHC<sup>+</sup>11, ZHX<sup>+</sup>16, ZSKL19, ZXLL10, ZZZ<sup>+</sup>16, vdMLB<sup>+</sup>11]. **East/Japan** [SSK<sup>+</sup>05, SSK<sup>+</sup>07, JCP17, JKP<sup>+</sup>17, JSP<sup>+</sup>17, KJL<sup>+</sup>17, KHL<sup>+</sup>17, KHH<sup>+</sup>17, LJL<sup>+</sup>17, PKHH17, WP17, YCYK10]. **Easter** [ESG<sup>+</sup>17]. **easterly** [RMCAR06]. **Eastern** [HCS05, PZT<sup>+</sup>19, SHKW05, ADV<sup>+</sup>01, ASF<sup>+</sup>16, ACG19, BN05, BH14, BFD<sup>+</sup>23, BC05, BDW<sup>+</sup>98, BMK<sup>+</sup>13, BSW<sup>+</sup>13, BHS<sup>+</sup>17, BOKA16, CAS<sup>+</sup>16, CTBNL08, CLC<sup>+</sup>20, CBS<sup>+</sup>96, CWWB04, CMG<sup>+</sup>12, CCM<sup>+</sup>20, Cok16, CPEN08, CMB12, DMFD19, DMFB19, Dan95, DN97, DABMAMA04, DDAH<sup>+</sup>14, DC12, DO19, DLR11, DG18, DKQ<sup>+</sup>93, DABF<sup>+</sup>16, ENM<sup>+</sup>14, ENM<sup>+</sup>16, EGL<sup>+</sup>16, FBS94, FHAH16, FWG<sup>+</sup>97, FCAD04, FWZM12, FZW<sup>+</sup>13, Fro04, FPB04, FSGV<sup>+</sup>09, GDAMS19, GP15, GP16, GPBV<sup>+</sup>07, GFW07, HPWP07, HPL<sup>+</sup>12, HSFN13, HYMD11, HWS<sup>+</sup>98b, HTW14, HZW<sup>+</sup>23, HRG<sup>+</sup>16, IGP<sup>+</sup>06, JCP05, KK19, KWA<sup>+</sup>20, KNB<sup>+</sup>24, KFF<sup>+</sup>94, KRGT14, KL13, KNB11, KFKZ24, KWH<sup>+</sup>05, KRLH14, LCD<sup>+</sup>24, LPD<sup>+</sup>17, LAÁ<sup>+</sup>14, LHD<sup>+</sup>22, LSU04, LZZ<sup>+</sup>16, MCK<sup>+</sup>19, MPH<sup>+</sup>05, MLH14, MTK05, MLR07, MBD<sup>+</sup>17, MRC05, MF09, MGC<sup>+</sup>14, MLK<sup>+</sup>12, MKKF18, MCL<sup>+</sup>12, MBC<sup>+</sup>20, MSG<sup>+</sup>00, MBO07, NHCL14, NL11, NBCT13]. **eastern** [NBBBT13, OFD<sup>+</sup>22, O'H24, OAH<sup>+</sup>16, Pak04, PF04a, PF04b, PCDM11, PA25, PSHF<sup>+</sup>13, PKA95, PSK<sup>+</sup>00b, PE17, PS05, PAUB19, PKZ<sup>+</sup>19, RAF<sup>+</sup>11, RHPC<sup>+</sup>19, RSRL00, STN<sup>+</sup>06, SBM16, SH00, Sch07, SF99, SDB<sup>+</sup>19, SSE<sup>+</sup>14, SSM<sup>+</sup>00, SMBL19, SSR96, SKGD14, SGL99, SFK<sup>+</sup>12, SMS20, SL12, SFB16, SLS11, SKM<sup>+</sup>14b, JMP<sup>+</sup>19, SJJ19, SB22, SAB08, TLSY11, Thi05, TPW07, TIS<sup>+</sup>13, TRB<sup>+</sup>19, UP09, Uys06, VJF23, VKG93, VCDAL14, VT01, WGR<sup>+</sup>97, WW04a, WFA<sup>+</sup>95, WBD17, WCS07, WW04b, YCA<sup>+</sup>20, YSMW05, YHC<sup>+</sup>11, Zim19, vRPD<sup>+</sup>18, ATD<sup>+</sup>11, AKZL16, AAG19, BHS<sup>+</sup>19, BMRTL93, Bre93, Car01, CK03, CFV<sup>+</sup>18, CCL<sup>+</sup>14, CCS<sup>+</sup>16, CHH<sup>+</sup>21, CBPT05, DBN<sup>+</sup>11, DKZP16, EFR<sup>+</sup>19, FL04, FSK<sup>+</sup>05, FDC<sup>+</sup>18, GSdAMNMM04, GNHS05, ID19, KK20, KMSM11, KHGL<sup>+</sup>02, KTP<sup>+</sup>05b, KTB<sup>+</sup>05, LCH<sup>+</sup>09, LS12, LAW<sup>+</sup>05, Lin16, LLS<sup>+</sup>19, LGR<sup>+</sup>14]. **Eastern** [LMC<sup>+</sup>12, MGS<sup>+</sup>10, MFE<sup>+</sup>02, MSA<sup>+</sup>14, PAM<sup>+</sup>04, PPR<sup>+</sup>20a, PWR05, PHD<sup>+</sup>18, PST<sup>+</sup>05, PZK<sup>+</sup>05, RSR<sup>+</sup>19, RPF01, RG93, SSMC10, SFV<sup>+</sup>01, SRAs<sup>+</sup>24, SLM<sup>+</sup>20, STD<sup>+</sup>20, ST07, SMPSD04, SDK<sup>+</sup>16, SWSL14, SWG14, TCG<sup>+</sup>18, TGLN93, TMP<sup>+</sup>19, TCG00, VPA<sup>+</sup>20, VGZ<sup>+</sup>19, VPK<sup>+</sup>19, VCG<sup>+</sup>20, WSL07, WSB13, ZFP<sup>+</sup>16, ZHK<sup>+</sup>05]. **Eastern-most** [EFR<sup>+</sup>19]. **eat** [PM10]. **eating** [ALSF<sup>+</sup>17]. **ebridian** [TSOT16]. **ebridians** [OTN16]. **eccentricity** [LW15]. **Echinoderes** [AM22a]. **echinoderm** [Car10]. **Echinodermata** [GRB<sup>+</sup>17, HDR<sup>+</sup>11, MP17, MCLP04, PP13, SN00, TY98]. **echinoderms** [LK98, MMDS18, OPDM11, RHM13, WGST08]. **echinoid** [MMD15]. **Echinoidea** [HDR<sup>+</sup>11, MCLP04, PP13, TY98]. **echinoids** [DFD<sup>+</sup>11, PP13]. **Echinothurioid** [MCLP04]. **Echinus** [TY98]. **Echiura** [MA18b]. **echo** [LMLC<sup>+</sup>17]. **echo-sounder** [LMLC<sup>+</sup>17]. **echolocation**



[ATM<sup>+</sup>07]. **echosounder** [CWD<sup>+</sup>10, DBBWH20]. **Eckström** [JR11]. **eco** [CDM23, MBMGK08, PBB<sup>+</sup>13, dLWFB08]. **ECO-MAR** [PBB<sup>+</sup>13]. **eco-regions** [CDM23]. **ecobiogeochemistry** [MNG<sup>+</sup>11]. **ECOFER** [LUV99]. **ECOGIG** [CDM<sup>+</sup>16]. **ecologically** [RNP93]. **Ecological** [APMN<sup>+</sup>17, BHC<sup>+</sup>17, CD20, DBBWH20, FJF<sup>+</sup>11, KBD<sup>+</sup>01, LZM<sup>+</sup>13, STB<sup>+</sup>17, SZH20, AN05, AN06, ALHP18, AM22b, ADE22, BH14, BKP<sup>+</sup>20, CNOC13, FO05, Gut06, IUdV<sup>+</sup>12, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, LH01, LNDH<sup>+</sup>17, MA09, MSGO18, NSLAP<sup>+</sup>17, NCR<sup>+</sup>08, RDSA<sup>+</sup>21, SSSN19, SPS<sup>+</sup>09, SMSI08, SLLT10, ZB00, SH10]. **ecologically** [SDB<sup>+</sup>19, WTA<sup>+</sup>18]. **Ecology** [Ano05a, Ano06b, DMH19, HAGW<sup>+</sup>13, RD02, SDB<sup>+</sup>97, SKKM20, AD08, BBE<sup>+</sup>13, BWC<sup>+</sup>02, BWOR22, BRPH20, CCM<sup>+</sup>20, CW09, CBT01, CTH<sup>+</sup>98, DMFD19, DCA<sup>+</sup>98, DONF08, DKP<sup>+</sup>17, FEB<sup>+</sup>13, Gag04, GAJ<sup>+</sup>13, GW98, JAP<sup>+</sup>13, KP10, Lut09, MSD<sup>+</sup>18, MBM<sup>+</sup>00, NTA<sup>+</sup>10, PH17, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, PNVJ13, RRT<sup>+</sup>17, RH14, RSA<sup>+</sup>10, Rog17, RG06a, RMK<sup>+</sup>14, SDB<sup>+</sup>19, SFMG13, SHPM14, SBvdL<sup>+</sup>02, TTD13, WF13, WvdEM00, dSG09a, CA06b]. **ECOMAR** [SLB13b]. **economic** [Pas18, SBL<sup>+</sup>18, JMP<sup>+</sup>19]. **economically** [WTA<sup>+</sup>18]. **economics** [LS17]. **ECONORTH** [PTP09]. **Ecopath** [GPF16]. **Ecophenotypic** [SF24]. **Ecoregion** [ESG<sup>+</sup>17]. **Ecoregionalization** [KMD<sup>+</sup>11]. **Ecosim** [GPF16]. **Ecosystem** [AA15, BFD<sup>+</sup>23, CS20, DB16, DCSV19, FHW06, FBPG18, GO15, MBT<sup>+</sup>14, MD17, MWFS17, PTP09, SBKS03, TLSW15, TWN<sup>+</sup>06, YD09, ZHX<sup>+</sup>16, ZDO19, AGL<sup>+</sup>19, Ano08, AGJ07, BFL<sup>+</sup>20, BvWR<sup>+</sup>20, BMRP02, CDP<sup>+</sup>02, CBF01, CHS17, DHCV19, DGT<sup>+</sup>17a, DLLK15, DSBS20, DP02, DVPR06, DLB02, Duc08, DWW<sup>+</sup>02, DBC<sup>+</sup>02, DGT14, DGT17b, EHB19, FGU04, FC01, Fri01, FNYK02, GMD07, GPF16, GBS<sup>+</sup>22, GUSB03, GKB19, GAHD<sup>+</sup>17, Har06, HKAM12, HCG<sup>+</sup>09, HH20, HSW<sup>+</sup>02, HSSN08, HBB<sup>+</sup>13, HON<sup>+</sup>13, HA96, HWJ20, JZX10, JDL<sup>+</sup>12, Joy16, JBÖ<sup>+</sup>16, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, KUT<sup>+</sup>20, KMB11, KKUK10, Lar04, LHS96, LLC17, LGF03, LCG03, LBD<sup>+</sup>22, LSHB09, Lin16, LW04, LHKHH10, LFHM97, MHO02, Mac08, MSMS08, MBH<sup>+</sup>96, MGH<sup>+</sup>16, MTWC<sup>+</sup>15, MPH<sup>+</sup>16, MAA<sup>+</sup>04, MAA<sup>+</sup>05, MDK<sup>+</sup>01, MK19, NLDJ14, NMR10, OYK15, ODR<sup>+</sup>09, OBH<sup>+</sup>19, PNVJ13, PGFP<sup>+</sup>08]. **ecosystem** [PPL<sup>+</sup>07, PVT<sup>+</sup>21, PBB<sup>+</sup>13, RBDO17, RDW<sup>+</sup>12, RP18, RI25, Rod13, RSGC25, RDSA<sup>+</sup>21, Sak07, SOW01, SBM<sup>+</sup>18, SSW05, SPW<sup>+</sup>22, SJD<sup>+</sup>11, SSE<sup>+</sup>14, SMD06, SHM<sup>+</sup>01, SMA01, SFK<sup>+</sup>12, SKM<sup>+</sup>12, SDMS06, SBSW07, SCSMT20, SSB<sup>+</sup>07, SAB08, STS<sup>+</sup>15, TSZ10, TSZT13, TWA<sup>+</sup>12, TSW<sup>+</sup>12, WWH<sup>+</sup>10, WW04a, WCB08, WPB<sup>+</sup>16, WWC<sup>+</sup>19, WMC06, WP17, WYT19, Ynd09, YKO15, ZS19, ZLOR02, Zim19, Ake19, EHB19, LKLK17, SID19, UWTS09, ZQW19]. **ecosystem-based** [DGT<sup>+</sup>17a, GKB19, MPH<sup>+</sup>16]. **ecosystemic** [VGZ<sup>+</sup>19, VCG<sup>+</sup>20]. **Ecosystems** [HWCT04, IYM10, SH11a, Ark13, Arr16, AJP<sup>+</sup>22, BMS<sup>+</sup>18, BHS<sup>+</sup>06, BMK05, Bea09, BHC<sup>+</sup>17, CB09a, CNOC13, CBA<sup>+</sup>20, EBG<sup>+</sup>15, FPB<sup>+</sup>14, FBP<sup>+</sup>17, GKB19, JRJ<sup>+</sup>22, JRK<sup>+</sup>17, KMMS18, Kha18, KYW20, LD07, MM05, MKD<sup>+</sup>20, MCS<sup>+</sup>09, NLS<sup>+</sup>10, PFPJ<sup>+</sup>09, RT20, TAMTC<sup>+</sup>13, TAC<sup>+</sup>17, VAT23, VRL<sup>+</sup>02, VGD14, YOR13, ZSKL19, Arr15, Bro19, HD07,

KKSA19, LP19, PH19, SPDW19, Sum19, YKSI19]. **ectoenzyme** [DCK01].  
**Ectosymbiosis** [HDR<sup>+</sup>11]. **ectotherms** [Pör06]. **Ecuadorian**  
 [GMPSHA<sup>+</sup>13]. **Eddies**  
 [JWO<sup>+</sup>09, JCP17, PFW<sup>+</sup>20, QS04, SdRvLR03, SWO10, ATLD<sup>+</sup>20, BTB<sup>+</sup>08,  
 BLM<sup>+</sup>14, BPRS11, BMP<sup>+</sup>09, BKM07, BC05, BGWF08, BHAL13, BLC<sup>+</sup>08,  
 CMW<sup>+</sup>05, Cra05, DD15b, EMW<sup>+</sup>08, FM03a, FMFW07, FWR<sup>+</sup>02, GSMG04,  
 GS08, GSdAMNMM04, GFW07, HWP<sup>+</sup>07, HHX<sup>+</sup>10, HZW<sup>+</sup>23, IFFGL<sup>+</sup>04,  
 JML08, JCPC09, JAM<sup>+</sup>14, KNB<sup>+</sup>24, LCH<sup>+</sup>09, LH08, MBK08, MiSW08,  
 MMMC07, MFFM03, MBO07, Ric05, RTM14, RSC07, SGA<sup>+</sup>15, SRBR05,  
 SCM<sup>+</sup>08, SKW07, SD22, SYB<sup>+</sup>11, TPW07, TMW<sup>+</sup>05, VJF23, VMM<sup>+</sup>08,  
 WMH<sup>+</sup>07, WTP<sup>+</sup>07, WPG<sup>+</sup>07, WPD22, WDD<sup>+</sup>22, WW23, WC07b, ZLZ<sup>+</sup>15,  
 ZHM<sup>+</sup>24, BNM08, CBPT05, DFC05, JMSW05, MRC05, YC05]. **Eddy**  
 [CRJB08, HBP<sup>+</sup>14, MTGY05, QC10, RPM07, SSSC19, SA02, SWGPK17,  
 WDFK<sup>+</sup>22, ZDBG05, AJR<sup>+</sup>15, AMH<sup>+</sup>24, BSG<sup>+</sup>11, BSL11, Bre93, BLS<sup>+</sup>08,  
 BGS09, CFR<sup>+</sup>14, CH24, CCW<sup>+</sup>08, DM16a, GDL22, Gau07, Gre08, HXF<sup>+</sup>23,  
 HB05, HFP94, JDL<sup>+</sup>22, LBR<sup>+</sup>08, LDS<sup>+</sup>08, LML<sup>+</sup>01, LMA08, LPMS09,  
 MBNB<sup>+</sup>08, MBNRB08, MFPL19, MRLL01, MR01, MDM<sup>+</sup>13, Men23,  
 MCM06, NKD<sup>+</sup>08, NSMBN08, NMWH19, OG11, OGRdO18, PPA10,  
 PKW07, PWH05, RPA07, RLH<sup>+</sup>03, RJWD01, RNR20, SAK05, SSK<sup>+</sup>05,  
 SSK<sup>+</sup>07, SW99, SJ00, SMB03, TRM<sup>+</sup>14, Tho24, TNT<sup>+</sup>15, TBBM03,  
 VHT<sup>+</sup>20, WH01b, WW23, WR01, YSBH06, GHB<sup>+</sup>05, HDGM19, SMBL19].  
**Eddy-mean** [QC10]. **eddy-permitting** [RLH<sup>+</sup>03]. **Eddy-Pump**  
 [SWGPK17]. **eddy-resolving** [MDM<sup>+</sup>13, OGRdO18]. **eddy-shedding**  
 [CH24]. **eddying** [SWGPK17]. **edge** [Bis94, BFF94, BLG15, BBD<sup>+</sup>03, CC15,  
 DKGT04, IGP<sup>+</sup>06, MWB95, RPB02, SHC<sup>+</sup>22, Tan03, UW99]. **edges**  
 [RHPR15]. **edifice** [SLdB<sup>+</sup>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<sup>+</sup>17, Mil94a, PS04b, PSY13,  
 YSL<sup>+</sup>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, Ano24i, Ano24d, Ano24e, Ano24f, Ano24g, Ano24h, Ano25b, Ano25c].  
**eDNA** [OvdRvA<sup>+</sup>22]. **Edouard** [WBI<sup>+</sup>01]. **education** [CPM<sup>+</sup>18]. **Edward**  
 [FPGH02, GFPM02, HPM02, MFL10]. **Edwardsia** [SS13a]. **Edwardsiidae**  
 [SS13a]. **eel** [KT06, MWF<sup>+</sup>19]. **eelpout** [BKPA06]. **eels** [HK19]. **Effect**  
 [AVS<sup>+</sup>20, BSS20, BBM<sup>+</sup>08, CMNM16, GDA<sup>+</sup>15, HMHY11, JS14, KRB95,  
 KTP<sup>+</sup>05b, LFPC14, LCD01, LM96, SHH03, ZLZ<sup>+</sup>15, ASS02, AAG19,  
 BSG<sup>+</sup>11, BNM<sup>+</sup>07, BS21, BABB08, BML<sup>+</sup>06, BBD<sup>+</sup>03, ESA<sup>+</sup>09, EAS<sup>+</sup>09,

GOC09, HBCO01, HMA20, KVB<sup>+</sup>09, KKUK10, KVL<sup>+</sup>19, LMvDA16, LSWH07, LBM<sup>+</sup>20, MAN<sup>+</sup>20, MCS07, MSW11, OGC09, PFPJ<sup>+</sup>09, ROC<sup>+</sup>21, SBM<sup>+</sup>18, VAK<sup>+</sup>09, WN01, WCJ<sup>+</sup>11, WLT20, ZLOR02, Zül05]. **effective** [CWVB04, KKH<sup>+</sup>02, SS01]. **Effectiveness** [BM17]. **Effects** [ASF<sup>+</sup>16, BLD<sup>+</sup>06, CHG15, CM01, DMS<sup>+</sup>10, DHGO23, DJFK<sup>+</sup>22, DGR19, ER05, FLLGR04, GOGCDB18, GGRW98, HBC<sup>+</sup>12, HD07, JBJ17, KxF22, LLM<sup>+</sup>17, LDX<sup>+</sup>23, MOT98, MTT<sup>+</sup>12, NSWY20, OSCS00, PDK<sup>+</sup>14, PHS17a, SLS<sup>+</sup>09, SF11, SMLB19, TGG<sup>+</sup>09, TPW<sup>+</sup>16, TVL<sup>+</sup>00, VCDAL14, WZW<sup>+</sup>95, BV98, BZS<sup>+</sup>16, BHC<sup>+</sup>01, BFML<sup>+</sup>08, BCL14, BKCV10, CHPF10, CKB<sup>+</sup>07, DTJ<sup>+</sup>14, DW15b, EWG94, FSP<sup>+</sup>16, GRD<sup>+</sup>08, GPF16, GLM04, JTK<sup>+</sup>14, KKSA19, KCTG16, LC16, LCS16, LS04, LBD<sup>+</sup>02, LMG17, LAPL<sup>+</sup>16, MWS<sup>+</sup>15, MC05, MBd05, MBP09, NLDJ14, NZT97, PSK<sup>+</sup>14, PWL07, PJLO<sup>+</sup>17, PHD<sup>+</sup>18, Pra04, PHKW10, RLB18b, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, Sco05, SSSC19, SMB<sup>+</sup>98, SK02, STR<sup>+</sup>14, SYB<sup>+</sup>11, TSS<sup>+</sup>02, TWN<sup>+</sup>06, Uml05, WC24, WPW<sup>+</sup>14, YAOW05, Zon07]. **efficiencies** [AHML95, SFV<sup>+</sup>01]. **efficiency** [BFML<sup>+</sup>08, DD95, DP07, DDK<sup>+</sup>00, FA03, HBC<sup>+</sup>23, KKK<sup>+</sup>17, SLLT10]. **efforts** [VALW23]. **egestion** [ASF<sup>+</sup>12]. **Egg** [SMG<sup>+</sup>07, HSBT19, HK10, PC08, PCAS05, RSB<sup>+</sup>17, RPJ<sup>+</sup>06, YOO<sup>+</sup>10]. **eggs** [Blo02, BSN<sup>+</sup>15, CDG00, LCR<sup>+</sup>96, SDAH<sup>+</sup>12]. **eidors** [CSG<sup>+</sup>13]. **Eighteen** [DSK<sup>+</sup>13, JTDG13, OWD13]. **Eis** [MWFS17]. **ejecta** [Kyt02b, Kyt02c]. **Ekman** [CWB02, SMPSD04]. **Ekström** [KGB<sup>+</sup>14]. **Elasipoda** [GTSC08]. **elasmobranch** [BBW<sup>+</sup>15]. **Elasmobranchii** [WST15]. **elasmobranchs** [CHV<sup>+</sup>15]. **electric** [SS13b]. **electric-field** [SS13b]. **electrode** [PCB<sup>+</sup>17]. **electron** [ABKL96, NAT<sup>+</sup>12, NS93, SMM<sup>+</sup>06]. **Electrona** [VVM<sup>+</sup>12, ZDW<sup>+</sup>20]. **electrophoresis** [RSF<sup>+</sup>99]. **Eleginus** [HCAK17]. **Element** [RVC<sup>+</sup>13a, AELP14, CMVS<sup>+</sup>10, RVC<sup>+</sup>13b, TRM<sup>+</sup>15, VOK<sup>+</sup>24]. **Elemental** [BTV<sup>+</sup>11, SHWW22, SML15, ADV<sup>+</sup>01, CML<sup>+</sup>09, CSS<sup>+</sup>02, KYI10a, MMS<sup>+</sup>19, MHP<sup>+</sup>07, PBNF<sup>+</sup>16, STR<sup>+</sup>14, YOI<sup>+</sup>09]. **elements** [BSZ99, CVA<sup>+</sup>13, FdBGP11, FSCC07, GJC98, HOD<sup>+</sup>09, HFL<sup>+</sup>15, LBL08, PPR07, WSS<sup>+</sup>08, ZLJ08]. **Elephant** [LHKHH10, BCE<sup>+</sup>07, BTLC98, GBC<sup>+</sup>13, GHM18, HCZ<sup>+</sup>07, MdSLH13, SMA<sup>+</sup>17, SSWM18, VGGLB15, SAM<sup>+</sup>13]. **Elevated** [GS08, MGC<sup>+</sup>14, CMNM16, MSRM14, PDE<sup>+</sup>16]. **elevations** [AGHS04]. **elicit** [WHC24]. **elimination** [BCL14]. **elongated** [MWB<sup>+</sup>09]. **elongatus** [UFAK06]. **elsewhere** [Wea93]. **Eltanin** [FSG02, WA02, Kyt02a, Kyt02b, Kyt02c]. **elucidate** [FB14]. **elucidated** [RSW<sup>+</sup>13]. **Elzone** [JLAD95]. **EM-POGO** [TSDG13]. **embayment** [VLSS<sup>+</sup>04, VSGGPR14]. **Embayments** [HDR<sup>+</sup>11]. **embryo** [WTS08]. **embryonic** [BY09, CGD<sup>+</sup>15]. **embryos** [BY09]. **emendation** [GJ11]. **emergence** [BCVCHW04]. **Emerging** [NTA<sup>+</sup>10]. **Emiliania** [ESA<sup>+</sup>09, EAS<sup>+</sup>09, HPN<sup>+</sup>12, OS02, RHL<sup>+</sup>16, TTA<sup>+</sup>16]. **emission** [OCG<sup>+</sup>09]. **emissions** [BABB08, HGK<sup>+</sup>18, RDC<sup>+</sup>18a, RDC<sup>+</sup>18b, ROBV<sup>+</sup>18].

**Emmonak** [FBB<sup>+</sup>13, FRBB13]. **Emperor** [VOK<sup>+</sup>24, AM24, Kas24, KVMO25, PL24, RD25, VTD24, WSF<sup>+</sup>24].  
**emphasis** [ABC<sup>+</sup>04, BSJ13, GTTKB14, GDM<sup>+</sup>25, LSHB09, MGT<sup>+</sup>20, PMS<sup>+</sup>07, RBMY02, SSMM<sup>+</sup>08, Sum19, VBC<sup>+</sup>95]. **empirical** [DSBS20, IS07, SCS<sup>+</sup>98]. **Empirically** [SNMH18]. **Employing** [RPF<sup>+</sup>16].  
**enabled** [DCS<sup>+</sup>18]. **Enabling** [BC08]. **enantiomers** [JKB04]. **enclosed** [DM16a, SAG<sup>+</sup>10, ZGW<sup>+</sup>23]. **encoding** [OACA19]. **encounter** [DLW<sup>+</sup>17, RSGC25]. **encounters** [TCM<sup>+</sup>04]. **encrasicolus** [RGIH<sup>+</sup>06].  
**encystment** [BKS<sup>+</sup>10]. **End** [POA<sup>+</sup>16, MD17, QW15, SHWW22, TdFAL19, VALW23, dCHdOF<sup>+</sup>18].  
**end-member** [QW15]. **end-members** [MD17]. **end-summer** [dCHdOF<sup>+</sup>18]. **End-to-end** [POA<sup>+</sup>16, VALW23]. **endangered** [PWB<sup>+</sup>06].  
**endemic** [ABE<sup>+</sup>11, DFJ18]. **endemism** [BBB<sup>+</sup>07, LBSB<sup>+</sup>17, MS11].  
**Enderby** [VVTM97]. **endoparasitic** [SM15]. **Energetic** [FKH05, BvGH<sup>+</sup>17, KSDE16, LN05, MZH16]. **Energetics** [JLB<sup>+</sup>99, Wei15, APMN<sup>+</sup>17, BSSE16, SSSC19]. **Energy** [PDS<sup>+</sup>17, AKK<sup>+</sup>17, CWE<sup>+</sup>17, HXF<sup>+</sup>23, HFK<sup>+</sup>02, HWL06, HDJP05, LDX<sup>+</sup>23, MW05a, MMTT<sup>+</sup>20, MSBS01, Pap05a, PF06, RHB<sup>+</sup>04, SHM13, SH16, SW99, VAMPR<sup>+</sup>17, WWHT20]. **England** [AKM<sup>+</sup>05, SW09].  
**English** [PGS14, LAB<sup>+</sup>17, PLA<sup>+</sup>17, SWDB<sup>+</sup>14, VLP<sup>+</sup>17]. **Engraulis** [CDG00, DBC<sup>+</sup>19, LTL<sup>+</sup>23, MGGTM19, NSBL94, RGIH<sup>+</sup>06, WWH<sup>+</sup>10].  
**enhance** [KNB<sup>+</sup>24, WCH05]. **Enhanced** [RSR05, ZA16, ZDA<sup>+</sup>16, GS08, HIA<sup>+</sup>16, LAT<sup>+</sup>18, NW01, RMK<sup>+</sup>14, SP00].  
**enhancement** [MiSW08, MBP09, YK04]. **enhances** [MS06b]. **enhancing** [HSSH23]. **enigmatic** [GCKC07]. **Enriched** [KLLO98, HWS<sup>+</sup>98b, MQACB08]. **Enrichment** [TWN<sup>+</sup>06, UWTS09, AHR<sup>+</sup>06, BWL01, BML<sup>+</sup>06, BGH99, CJF<sup>+</sup>98, HRM<sup>+</sup>06, Har06, HS98, KSH<sup>+</sup>09, KNC<sup>+</sup>09, KHE<sup>+</sup>11, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, NHS<sup>+</sup>09, NOT<sup>+</sup>09, NMH<sup>+</sup>06, NTK<sup>+</sup>09, OSCS00, ÖCB<sup>+</sup>04, PHS<sup>+</sup>11b, RVC<sup>+</sup>13b, STN<sup>+</sup>06, STN<sup>+</sup>09, SD06a, STF09, SMH<sup>+</sup>06, SML15, TYBY06, TSN<sup>+</sup>06, VSD<sup>+</sup>97, WC06b, WJS<sup>+</sup>06, YOI<sup>+</sup>09, ZOB<sup>+</sup>96, vRPD<sup>+</sup>18].  
**enrichments** [Boy02, DNR20, HBSL01]. **ensemble** [BFH<sup>+</sup>23, MDI<sup>+</sup>12, WJR<sup>+</sup>16]. **ENSO** [ARLA03, FWC<sup>+</sup>95, GK02, HVWH09, HGM<sup>+</sup>11, KMLC<sup>+</sup>04, LWS21, SLCLC<sup>+</sup>24]. **entering** [BS98].  
**Enteropneusta** [ELG<sup>+</sup>22a, ELG<sup>+</sup>22b]. **enteropneusts** [JAP<sup>+</sup>13].  
**entombed** [PUP<sup>+</sup>07]. **Entoprocta** [BCE18]. **entraining** [WC06a].  
**Entrainment** [KHL<sup>+</sup>15, LCS<sup>+</sup>06, LM01, NYNK05]. **entrance** [CCM15, FLTV04, FLTCV10, TMC04, VLSS<sup>+</sup>04]. **entry** [AHK99, VSM17].  
**Enumeration** [Kel10, AKK<sup>+</sup>05, EPK<sup>+</sup>10]. **Environment** [Arr15, IDSM04, Sha01, Arr16, AI09, BKP<sup>+</sup>20, BDL<sup>+</sup>22, BBLE24, CTCD05, CA06b, DHGO23, DCA<sup>+</sup>98, EWP<sup>+</sup>99, FMWD07, GF07, GHM<sup>+</sup>12, HWCT11, Hol06, JRK<sup>+</sup>17, KG20, KGHA<sup>+</sup>01, MKS<sup>+</sup>20, MSS15, NA13, NKB<sup>+</sup>18, NDE14, OM14, PFC09, SYS05, SV09, SDAH<sup>+</sup>12, SGP<sup>+</sup>02, SNK07, TM22, VAMPR<sup>+</sup>17, WCH<sup>+</sup>93, WPJW96, WTA<sup>+</sup>18]. **Environmental**

[CM16a, CM16b, DTJ<sup>+</sup>14, EZB<sup>+</sup>20, GKGW22, HTW14, HSC<sup>+</sup>07, KIIW03, KCMT<sup>+</sup>20, LRDS18, LMLC<sup>+</sup>17, NLDJ14, OGJ<sup>+</sup>19, RRL<sup>+</sup>14, RSB<sup>+</sup>17, RHL<sup>+</sup>16, STP<sup>+</sup>16, TZ09, AMJRD19, AYMSAS19, ADBW16, ADRS19, AMTE09, AAL<sup>+</sup>17, BF14, BZMC20, BTD11, BEB<sup>+</sup>13, CLC<sup>+</sup>98, CDRA08, CJA<sup>+</sup>06, CH24, CLC<sup>+</sup>03, CHH<sup>+</sup>21, CSS<sup>+</sup>22a, Dal04, DSG<sup>+</sup>09b, ESWL20, EP18, FBP<sup>+</sup>17, GdRGLS04, GWWL03, GBC<sup>+</sup>05, HAGW<sup>+</sup>13, HWCT08, ITT12, IBK<sup>+</sup>11, IARR01, JGM09, KRGT14, KVS<sup>+</sup>09, LWAS08, LLC17, LB18, LTW<sup>+</sup>22, LH15, LGR<sup>+</sup>14, MDTS11a, MK21, MHTZ19, MTWH04, NLS<sup>+</sup>10, OBRJ01, OTH05, PSK<sup>+</sup>14, PFdSG11, RLB<sup>+</sup>18a, SVAGRCS04, SLdB<sup>+</sup>15, SM12, SCD14, SRA<sup>+</sup>24, SHN<sup>+</sup>07, SBL<sup>+</sup>18, SFH<sup>+</sup>18, SLP<sup>+</sup>17, TTU01, TSA<sup>+</sup>01, TKF07, WC24, WCC05, WPW<sup>+</sup>14, WGMC14, WTA<sup>+</sup>18, XSM<sup>+</sup>19, ZFP<sup>+</sup>16, dLC<sup>+</sup>14]. **environmentally** [KL13]. **environmentally-driven** [KL13]. **environments** [BS05, BS06, ELP13, FR10, Har11, HZMH07, HSD04, IKR<sup>+</sup>12, Kos01, LSGM02, PKA95, SKL<sup>+</sup>22, SCGB18, VGGLB15, ZWZ18]. **environs** [WB96]. **Envisat** [OCKA<sup>+</sup>11]. **enzymatic** [DKGT04, HD02, ZJA16]. **enzyme** [DKT<sup>+</sup>01, GQ09]. **EOF** [IS07]. **epi** [PKZ<sup>+</sup>19]. **epi-** [PKZ<sup>+</sup>19]. **Epibenthic** [EBGCL08, RKTG14, BEB<sup>+</sup>13, BHJ<sup>+</sup>14, BEM<sup>+</sup>15, BRPH20, CGG<sup>+</sup>19, CRBK03, GAP<sup>+</sup>06, KCM<sup>+</sup>14, KRGT14, LK98, LWJR22, LT03, MB07a, RLB<sup>+</sup>18a, WR09]. **epibenthic-sledge** [BHJ<sup>+</sup>14]. **epibenthos** [IMG<sup>+</sup>19]. **epibionts** [KBR18, STFL<sup>+</sup>13]. **Epibiotic** [SGB14, BAKF03, SC15]. **Epifauna** [BEB<sup>+</sup>13]. **Epigonus** [VFFM13]. **epipelagic** [DSJ<sup>+</sup>11, MMY<sup>+</sup>20, PHKW10, RQM<sup>+</sup>08]. **episodes** [ARLA03, MPC99]. **Episodic** [GBJ<sup>+</sup>15, PWR05, RBH<sup>+</sup>20]. **Epistominella** [PBG07]. **Epizooic** [BPR<sup>+</sup>10]. **EPS** [JS14]. **Epsilonproteobacteria** [CdST<sup>+</sup>17]. **EqPac** [IF95, BCH<sup>+</sup>96, BAH<sup>+</sup>95, CGR<sup>+</sup>96, DBC<sup>+</sup>02, Fri01, GG95, HS96, HDCM95, MJG95, RDG<sup>+</sup>95, WZW<sup>+</sup>95, ZDWR95]. **equation** [CJ19, Mar19]. **equator** [BCH<sup>+</sup>96, DZBR95, IHI<sup>+</sup>97, LBD<sup>+</sup>02, RL97, RDG<sup>+</sup>95]. **Equatorial** [ATD<sup>+</sup>11, CMBPM04, DBN<sup>+</sup>11, Fri01, KMSM11, KT06, PD01, RD97, WSL07, Abr19, ATS<sup>+</sup>96, ACG19, BTV<sup>+</sup>11, BK96a, BSL<sup>+</sup>96, Bas19, BAD<sup>+</sup>97, BO96, BCO<sup>+</sup>96, BD02, Boy02, BRPI02, BLG15, BBB<sup>+</sup>11b, CD95, CLB96, CDP<sup>+</sup>02, CM99a, CC01, Dan95, DN97, DDN<sup>+</sup>04, DLR11, DQC95, DWW<sup>+</sup>02, DBC<sup>+</sup>02, DCF<sup>+</sup>11, DMY<sup>+</sup>97, DNA97, DO96, ERR97, FWC<sup>+</sup>95, FWG<sup>+</sup>97, FBC<sup>+</sup>02, FLMF07, FCG<sup>+</sup>96, FDM<sup>+</sup>97, FC07, GLLC04, GK02, HMB<sup>+</sup>96, HCBP97, HS96, Hen19, HHP<sup>+</sup>96, HZT<sup>+</sup>06, HWS<sup>+</sup>98b, HDCM95, IF95, IIM<sup>+</sup>09, Jen03, JCD<sup>+</sup>03, KF95, KNG02, KRB95, KT02, KNB11, KLKB95, LRFK99, LCK95, LKC96, LST<sup>+</sup>11, LR97, LFM02, LBB95, LFHM97, LKK<sup>+</sup>95, MN10, MPH<sup>+</sup>95, MBHN02, MS99, MGNB96, MLR07, MCD<sup>+</sup>09, MMJ<sup>+</sup>03, MJG95, MYN<sup>+</sup>96, MLD97, NGM<sup>+</sup>05, NTF01, NL11, NZT97, PCDM11, PWD<sup>+</sup>11, PH96, PDSS96, Qua97, RF99, RLPF07]. **equatorial** [RDLZ02, RFLW00, SBG05, SHD<sup>+</sup>96, SBD<sup>+</sup>97, SIFS10, SPD<sup>+</sup>11, SLS11, TLSY11, TBB<sup>+</sup>11, VSSN96, VT01, VBC<sup>+</sup>95, WHL<sup>+</sup>97, WPHL02, WCRG95, WGR<sup>+</sup>97, WCMB06, WFA<sup>+</sup>95, WMW96, ZOB<sup>+</sup>96, ZD97, ZQ97, BPD<sup>+</sup>11, BMGC09, GJC98, GMMS05, MPG<sup>+</sup>97, NL11, SLT<sup>+</sup>11, SV09,

SRF09b, YTF02, BRPI02, SKC99]. **equatorward** [SHKW05, VLSS<sup>+</sup>04].  
**equipped** [BEB<sup>+</sup>13]. **era** [WCB08]. **Eratosthenes** [BOC18, ID19].  
**Erignathus** [CBK<sup>+</sup>22]. **EROS** [MM97]. **erosion** [CBF<sup>+</sup>13, CBF<sup>+</sup>16].  
**erosional** [NGM<sup>+</sup>05]. **Erratum**  
 [Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, BS06, EWA<sup>+</sup>03a,  
 HiII<sup>+</sup>20, LLM<sup>+</sup>03, MCS<sup>+</sup>03, MAA<sup>+</sup>05, Mun16, PNLFS03, SSK<sup>+</sup>07, SMGB03].  
**Error** [Eks07, Dem04]. **eruption**  
 [Bak98, CES98, MTB09, NLSL09, RSP<sup>+</sup>98, SB98]. **eruptive**  
 [KLLO98, OGG<sup>+</sup>15, PPR<sup>+</sup>20a]. **escape** [CSG<sup>+</sup>15]. **escarpment**  
 [MAR<sup>+</sup>17, BNKJ23]. **Espírito** [MAR<sup>+</sup>17]. **essential** [GPCC<sup>+</sup>17].  
**Establishment** [SBL<sup>+</sup>18, Blu01]. **ester** [PTWM12]. **estimate**  
 [COJ<sup>+</sup>09, Dem04, HWN<sup>+</sup>04, LRR<sup>+</sup>04, MRM<sup>+</sup>12, OWD13]. **estimated**  
 [BCH<sup>+</sup>96, CM99a, CLB13, HGAB04, HIA<sup>+</sup>16, HdBB<sup>+</sup>02, KOM17, MQ01,  
 MMXS02, OENB01, PW12, RWN<sup>+</sup>08, SSWM18, SHY<sup>+</sup>08]. **Estimates**  
 [MC06, MLS<sup>+</sup>15, RAL<sup>+</sup>01, SW08, BDW<sup>+</sup>96, BL06, BAH<sup>+</sup>95, CFS<sup>+</sup>06, Fre13,  
 GMR<sup>+</sup>05, GFPM02, JEK<sup>+</sup>15, JR15, KGE<sup>+</sup>04, KM15, KMK<sup>+</sup>20, LPK<sup>+</sup>17,  
 LMvDA16, MBC<sup>+</sup>09b, Osc01, RPS<sup>+</sup>11, SOW01, Sch02a, SBG05, SVS<sup>+</sup>20,  
 SLB<sup>+</sup>16, TSPH09, Yal01, YZ00, ZDW<sup>+</sup>20]. **Estimating** [BWS<sup>+</sup>98, BTD11,  
 DGA<sup>+</sup>11, HVBO08, KG20, PCDM11, PLD<sup>+</sup>17, PJLO<sup>+</sup>17, PHD<sup>+</sup>18, RSGC25,  
 SLS<sup>+</sup>07, SD06b, SHW<sup>+</sup>16, WGFS03, LGP<sup>+</sup>15, MLVM02, OBWK01, XA09].  
**Estimation** [AHML95, Car01, ESK06, GSM<sup>+</sup>20, KH02, Las93, SH16,  
 vGCM00, CRD<sup>+</sup>17, HJS<sup>+</sup>10, HSM<sup>+</sup>01b, KGKS20, KUT<sup>+</sup>20]. **Estimations**  
 [RBXM15]. **ESTOC** [PKR<sup>+</sup>01, ZLOR02]. **Estonia** [SSAF02, ASS02].  
**estuaries** [MK21]. **estuarine** [GKGW22, OM14, ZX12]. **Estuary**  
 [RDdL<sup>+</sup>13, ALR<sup>+</sup>14, OM14, SAL95, ZG15, LG15, YZZ<sup>+</sup>19, ZZY<sup>+</sup>19, ZG15].  
**ethers** [CHW<sup>+</sup>12]. **ethnography** [FRBB13]. **Etmopterus**  
 [CAJE15, CGD<sup>+</sup>15, SLC<sup>+</sup>15]. **Eualus** [NCL13]. **Euaugaptilus** [MNN10].  
**Eucalanidae** [GO10]. **Eucalanus** [KTSI07]. **eucarids** [LV17]. **Eukaryote**  
 [CD20, KNB<sup>+</sup>24, OvdRvA<sup>+</sup>22]. **eukaryotic** [ANL13, SSW05]. **Euler**  
 [Mar19]. **Eulerian** [EB01, MB96]. **Eumetopias** [CFGR07, GS06a].  
**Euphausia**  
 [Ant10, BLBW<sup>+</sup>11, BKCv10, CHPF10, CWD<sup>+</sup>10, CKL03, Dal04, HA10,  
 HH03, JKK<sup>+</sup>10, JH04, KKM<sup>+</sup>10, KYI10a, KYI10b, LLK<sup>+</sup>16, LS10, NKK<sup>+</sup>00,  
 NVK<sup>+</sup>04, NCR<sup>+</sup>08, PAM<sup>+</sup>04, PNH<sup>+</sup>00, RQNO04, SPF10, VMF<sup>+</sup>16, ZD04].  
**Euphausiacea** [ZNPR09]. **Euphausiid**  
 [FPS10, LWSA08, LWAS08, BT03, GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10, HRG<sup>+</sup>16,  
 LJHAA19, LS10, PSS<sup>+</sup>16, RBP<sup>+</sup>05, WAL<sup>+</sup>11]. **Euphausiids**  
 [HJS<sup>+</sup>10, HRG<sup>+</sup>16, NB10, BOKA16, CP02, FLTCV10, GGPM05, GFPM02,  
 HPL<sup>+</sup>12, KYI10a, KYI10b, KYKJ16, NTH10, PS04a, PC08, RDW<sup>+</sup>12,  
 SNS<sup>+</sup>16, SHKW05, ZNPR09]. **Euphotic**  
 [GG95, DLR<sup>+</sup>01, MSM<sup>+</sup>02, PPA10, PNC<sup>+</sup>06, SCPC98, ZFA<sup>+</sup>02].  
**Euphotic-zone** [GG95]. **Europe** [ASBR17, KB95]. **European**  
 [MM97, PdBK<sup>+</sup>03, AMH<sup>+</sup>01, AHVB<sup>+</sup>17, DGT<sup>+</sup>17a, HLM<sup>+</sup>01, LLM<sup>+</sup>17,  
 MHA<sup>+</sup>01, MPF<sup>+</sup>17, PBG<sup>+</sup>10, PGS14, TFR<sup>+</sup>10, vWDB<sup>+</sup>01]. **eurybathic**

[RHM13]. **Eurycope** [EGMB13, MGE13]. **Eusirid** [KBF<sup>+</sup>08]. **Eusiroidea** [LJB18]. **eutrophication** [DHCV19]. **euxinus** [UFAK06]. **Eval** [BSS<sup>+</sup>17]. **evaluate** [GAC<sup>+</sup>02, NLY<sup>+</sup>13]. **evaluated** [PGFP<sup>+</sup>08]. **Evaluating** [BWD20, MLW<sup>+</sup>01, MST<sup>+</sup>14, PDC<sup>+</sup>21, SMSA05, HFK<sup>+</sup>02]. **Evaluation** [BM17, CWSH20, HZT<sup>+</sup>06, KM05a, PG18, QQJ<sup>+</sup>21, SYS05, SSR96, TTU01, BKS<sup>+</sup>16, CLF<sup>+</sup>09, GPMZ<sup>+</sup>10, LYL22, MC15, NISG05, OBRJ01, RPF01, RSC<sup>+</sup>09]. **evaluations** [LSWM22]. **Event** [BBR<sup>+</sup>10, Bak98, CBB<sup>+</sup>98, DRVVS<sup>+</sup>14, FWC<sup>+</sup>95, HVWH09, HSB<sup>+</sup>16, HC13, IPH<sup>+</sup>17, JBS<sup>+</sup>98, KLLO98, MGNB96, NGM<sup>+</sup>05, PBS06, PLHMA06, RGH<sup>+</sup>24, SZM10, Wei15, WPJW96, vRPD<sup>+</sup>18, FBL<sup>+</sup>98, MBF<sup>+</sup>98]. **event-scale** [PBS06, vRPD<sup>+</sup>18]. **Events** [Ano06f, CHL<sup>+</sup>15, CMAO<sup>+</sup>12, DM25, DABMAMA04, GBC<sup>+</sup>13, Gol93, KK19, LBM98, LDW22, ÑB04, OCP18, OWW<sup>+</sup>12, SIA<sup>+</sup>05, SZH<sup>+</sup>04, SYK<sup>+</sup>13, VKC09, VIY02, WLD<sup>+</sup>06]. **evermanni** [DDAH<sup>+</sup>14]. **Evidence** [AJR<sup>+</sup>15, CRD01, CGD<sup>+</sup>15, CRD<sup>+</sup>17, EQW<sup>+</sup>13, EMV09, GSW99, GSM<sup>+</sup>08, HHR<sup>+</sup>08, LvDA14, MCM<sup>+</sup>14, MA05, NGM<sup>+</sup>05, OTK<sup>+</sup>05, OGG<sup>+</sup>20, PWMC01, SLB<sup>+</sup>15, AHV<sup>+</sup>00, ACV<sup>+</sup>01, AFB<sup>+</sup>94, BW93, BCWT00, BMRP02, BBR<sup>+</sup>96, BNP<sup>+</sup>09, BK96b, DBDT03, FLTV97, FL02, GBC<sup>+</sup>05, HB03, KNG02, LWB<sup>+</sup>20, LSL<sup>+</sup>15, NSKG96, NR00, PDSS96, PKA05, PRB<sup>+</sup>11, SBM<sup>+</sup>18, ZSLL15]. **evidenced** [BY04, LWL<sup>+</sup>24]. **Evolution** [AST07, DSK<sup>+</sup>13, FM03a, PPT<sup>+</sup>10, VF08, WC06b, BPC05, Ber07, BJSH14, Bre93, BGMH01, CHL<sup>+</sup>15, CMW<sup>+</sup>05, Eif05, GCJ<sup>+</sup>00, HBSL01, JW05a, JW05b, JRGLJ<sup>+</sup>19, LML<sup>+</sup>01, LCS<sup>+</sup>06, aLCS15, LAGK<sup>+</sup>18, LXWC21, LAPL<sup>+</sup>16, LSA14, MML07, MNR<sup>+</sup>11, MGC<sup>+</sup>01, PIP<sup>+</sup>02, Pör06, PPR<sup>+</sup>20b, RP18, SBZ<sup>+</sup>03, STB<sup>+</sup>17, SK07, SP19b, SLW98, TWD<sup>+</sup>08, TRHA01, VPdP06, WCH<sup>+</sup>93, WCJ97, ZV13]. **Evolutionary** [DFD<sup>+</sup>11, Vri13]. **ex** [SSL98, RJM<sup>+</sup>15]. **ex-situ** [RJM<sup>+</sup>15]. **Examination** [DKP<sup>+</sup>14, AGN<sup>+</sup>02, HLC<sup>+</sup>16, SN04, SKM<sup>+</sup>08]. **examined** [DWG<sup>+</sup>15]. **Examining** [SAW16, SM23]. **example** [ANS<sup>+</sup>11, BFG<sup>+</sup>10, BBT<sup>+</sup>18, GHD<sup>+</sup>18, OM16]. **examples** [Joh19, JAM<sup>+</sup>14]. **exceptional** [MPC99, OM14, SSHB03]. **Excess** [OHT12, DGP20, PDSS96, YCT<sup>+</sup>22]. **Exchange** [RVJG<sup>+</sup>02, RVJG<sup>+</sup>05, Sme04, Wir94, ALWW04, BPF<sup>+</sup>03, Bis94, BFF94, BLS<sup>+</sup>03, DKS03, DK04, ES04, GSGS01, GPB09, GKR<sup>+</sup>18, HLS<sup>+</sup>11, HDF<sup>+</sup>01, HSM<sup>+</sup>01a, JKB04, JCP05, KMO09, KIS02, LSC05, LRFK99, LPZ<sup>+</sup>04, LBY<sup>+</sup>10, MC05, MLS01, MB03, MS06b, MLVM02, MCJ<sup>+</sup>99, MMMC07, Pap05a, PG97, RLB03, RSB<sup>+</sup>15, SRY04, SE96, SHL<sup>+</sup>11, SWLL23, VLSS<sup>+</sup>04, WKM<sup>+</sup>07a, WCJ97, WDC<sup>+</sup>15, WCL<sup>+</sup>15b, YLBdR03, WC01a]. **exchanged** [LDV<sup>+</sup>02]. **exchanges** [CMC<sup>+</sup>05, CMB02, McP08]. **excitation** [SFD04]. **excystment** [MTK05]. **exercise** [GGM<sup>+</sup>16]. **exercises** [Joh19]. **exhibit** [BCBB12]. **exhibition** [SRS<sup>+</sup>15]. **exist** [KFS<sup>+</sup>17]. **existence** [TLF97]. **exit** [SPH<sup>+</sup>03]. **exopolymer** [LPA<sup>+</sup>95, PA95]. **Exp** [WOM<sup>+</sup>16]. **expanse** [PMS<sup>+</sup>20]. **expansion** [OUJ<sup>+</sup>19, SIA<sup>+</sup>05, SLS17, TWN<sup>+</sup>06]. **Expatriation** [HK07]. **Expected** [Had11]. **Expedition**

[AKI<sup>+</sup>16, BHT22, DF16, HB19, HBV19, HBVG20, HBVG22, HBSV24, ITK<sup>+</sup>16, KOS<sup>+</sup>16, LSOM16, OM16, OTN16, PBVC<sup>+</sup>16, Ala18, BPBJ13, BM15, BAF<sup>+</sup>18, CR06, Can06, Che13, CP18a, CP18b, Cra97, GMB18, HAP03, KKT16, Kyt02b, Kyt02c, MB15, MCB18, PLS<sup>+</sup>03, RSD<sup>+</sup>97, SBBP<sup>+</sup>15, TO95, TBFP04, VHS97, VKGQ<sup>+</sup>09, dLWFB08, Zar16, vdLCS<sup>+</sup>11, JSWB21, Mar18, RHK<sup>+</sup>10, Smi01, Urb20]. **Expeditions** [CGG<sup>+</sup>12, AA15, BIH10, BBB<sup>+</sup>07, BM15, EMG<sup>+</sup>15, FdBGP11, LGK15, MLBB14, PMJ20]. **experience** [CMB09, GCD<sup>+</sup>06, MML07, Sag18]. **Experiment** [BL01a, GBH<sup>+</sup>01, GSMB01, PLRV22, PSLS07, Sha01, AHML95, ASN<sup>+</sup>02, BFF94, BSL08a, BQT08, BT98, BMF<sup>+</sup>01, COS<sup>+</sup>16, CJF<sup>+</sup>98, CSS<sup>+</sup>22b, CMRL11, DH93, FSP<sup>+</sup>16, FSK<sup>+</sup>05, Had11, HLR<sup>+</sup>09, HHH<sup>+</sup>93, HLS<sup>+</sup>11, HTS<sup>+</sup>09, HSH<sup>+</sup>08, HZK<sup>+</sup>05, HDCM95, JLAD95, Jac95b, JCF<sup>+</sup>06a, Kem94, KTP<sup>+</sup>05b, KTB<sup>+</sup>05, KHE<sup>+</sup>11, LWLS98, LAW<sup>+</sup>05, LCS<sup>+</sup>06, LSS<sup>+</sup>11, LSM<sup>+</sup>06b, MFG<sup>+</sup>93, MLS<sup>+</sup>06, MSH<sup>+</sup>07, MHP<sup>+</sup>07, NOT<sup>+</sup>09, NMH<sup>+</sup>06, PHS<sup>+</sup>11a, PHS<sup>+</sup>11b, PPL<sup>+</sup>07, RDL<sup>+</sup>09, RAS23, RLVF02, STN<sup>+</sup>09, SMY<sup>+</sup>98, SD06a, STF09, STJ<sup>+</sup>08, SHL<sup>+</sup>11, SWLW11, SSI<sup>+</sup>09, TSA<sup>+</sup>01, TA01, TSMS09, VSFF09, WJR<sup>+</sup>16, WTCB09, WTL<sup>+</sup>06, WC06b, WJS<sup>+</sup>06, ZHK<sup>+</sup>05, DMJ93, GG93, LDFS93, WCH<sup>+</sup>93]. **Experimental** [CJF<sup>+</sup>98, GDYW02, GGCM17, Blu01, Bor01, CBC02, KKM<sup>+</sup>10, LB98b, MSA<sup>+</sup>14, PSS<sup>+</sup>16, SYS05]. **Experiments** [KGHA<sup>+</sup>01, ANI09, BBL<sup>+</sup>13, BDO00, CDJ<sup>+</sup>22, CFKS05, CFS09, EBB<sup>+</sup>08, FC09, GJC98, HIN<sup>+</sup>02, JWS01, KNG02, KKNH02, LDBvdB17, LLB<sup>+</sup>00, MLW<sup>+</sup>01, MNB02, ME02, PTO<sup>+</sup>16, SP19a, SESS08, TCM<sup>+</sup>22, VSD<sup>+</sup>97, WW04a, WB01, ZOB<sup>+</sup>96, ŽSN<sup>+</sup>18]. **explain** [SRY04]. **explains** [LWO<sup>+</sup>09]. **explanation** [LWS21]. **explanations** [KSBK01]. **Exploitable** [ZSKL19]. **exploitation** [BCG<sup>+</sup>22]. **exploiting** [NSBL94]. **Exploration** [HB19, HBSV24, RBG18, BIH10, EMEP18, HBV19, HBVG20, HBVG22, MWK<sup>+</sup>18, SS05a, SS05b, TZ09, WAM<sup>+</sup>18]. **Exploratory** [SCPC98, PFAZL09, SLS<sup>+</sup>09]. **explore** [GBS<sup>+</sup>22, HKAM12]. **Explorer** [SDGH14]. **Exploring** [DSW20, EP18, GSC<sup>+</sup>19, JFC18, KFKZ24, Lut15, MGG<sup>+</sup>17, SCSMT20]. **Export** [BCH<sup>+</sup>96, BLG11, HDCM95, LCE<sup>+</sup>23, MYN<sup>+</sup>96, PSLS07, RL97, SVR<sup>+</sup>00, SSH<sup>+</sup>11, VSR<sup>+</sup>00, AML01, AZK<sup>+</sup>20, ACH02, BGKB06, BZvHH00, BBV00, BAH<sup>+</sup>95, BBA<sup>+</sup>98, BBA<sup>+</sup>01, BBD<sup>+</sup>03, CHN<sup>+</sup>10, CEG<sup>+</sup>11, CM99a, CMB99, Che03, CBB<sup>+</sup>00, DSO<sup>+</sup>97, DEK<sup>+</sup>08, EBB<sup>+</sup>08, FS02, GMS<sup>+</sup>02, GdRGLS04, GS06b, HDPI99, HdBB<sup>+</sup>02, HCG19, IPH<sup>+</sup>17, JLTD11, JCP<sup>+</sup>22, KGKS20, KPPL00, KLM<sup>+</sup>02, KWW<sup>+</sup>12, LGHD20, LB07, LLL<sup>+</sup>15, LGB13, MQ01, MBNRB08, MSF<sup>+</sup>22, MES97, MKH<sup>+</sup>05, MLK<sup>+</sup>12, MSTT07, NISG05, NW01, OPB15, PG07, PAM<sup>+</sup>14, PKZ93, PABH07, PDS00, PRMM<sup>+</sup>17, RSR05, RGH<sup>+</sup>24, RRWR08, RSB<sup>+</sup>15, RBN<sup>+</sup>08, RMPI<sup>+</sup>17, RFB97, SLS<sup>+</sup>07, STJ<sup>+</sup>08, Sch02a, SNB02, STD<sup>+</sup>20, SDCH99, SSS<sup>+</sup>11, SBH<sup>+</sup>02, SZS<sup>+</sup>07, SAB<sup>+</sup>07, SLB<sup>+</sup>16, SHC<sup>+</sup>00, TRH<sup>+</sup>08, TTLP06, TA01, TDC08, VMM<sup>+</sup>08, VMGO<sup>+</sup>09, WN01, Wal94b, WCY05, YHL<sup>+</sup>12, Zel01, ZD97, ZQ97, ZT00, vdLBB<sup>+</sup>02, vdLCS<sup>+</sup>11]. **EXport** [MSH<sup>+</sup>07, MHP<sup>+</sup>07]. **exports** [HCG<sup>+</sup>03]. **exposed** [BTV<sup>+</sup>11]. **exposure**



[DMC<sup>+</sup>17, DRRBC16, DM16b, ROC<sup>+</sup>21, SLD<sup>+</sup>13, WHC24]. **expression** [ETP<sup>+</sup>16, YLD09]. **extant** [RPF<sup>+</sup>16]. **extended** [MSF<sup>+</sup>22]. **Extending** [HM14]. **extensible** [SCQ<sup>+</sup>09]. **Extension** [CBF<sup>+</sup>13, CBF<sup>+</sup>16, DRR<sup>+</sup>14, FSGV<sup>+</sup>09, KFH01, CK10, DJFK<sup>+</sup>22, NI10, PUB<sup>+</sup>06, QC10]. **extensive** [YK16]. **extent** [BBLS14, BCVCHW04, KAHS20, NSY04, RPMS95, Tou99, ZWM12]. **extracellular** [DKT<sup>+</sup>01, HD02, KN97]. **extraction** [CHG15]. **extraordinary** [TML<sup>+</sup>16]. **extratropical** [SLCLC<sup>+</sup>24]. **Extreme** [BZ20, HSR<sup>+</sup>16, DCA<sup>+</sup>98, GBI10]. **Exuma** [BBW<sup>+</sup>15]. **Exxon** [ALHP18, EBM<sup>+</sup>18, LMH<sup>+</sup>18, NM18, RP18]. **eye** [PGC<sup>+</sup>11]. **eyeless** [SSAL<sup>+</sup>17]. **Eyre** [BPM18].

**F.** [WTS08]. **face** [SRB<sup>+</sup>11]. **facies** [BH03, DBDT03, KSB<sup>+</sup>03, PGM<sup>+</sup>15, SKdS<sup>+</sup>14, YKY<sup>+</sup>07]. **facilitate** [SP06]. **Facing** [CV17, VLSS<sup>+</sup>04]. **factor** [GGC19, Mil94b, ODR<sup>+</sup>09]. **Factors** [DP07, DC08, EBGCL08, GMK<sup>+</sup>08, HHNK<sup>+</sup>04, PSUH<sup>+</sup>16, BMH08, CLC<sup>+</sup>03, CHG15, CBSS02, Dan95, EGL<sup>+</sup>16, ESWL20, GSMB01, GKGW22, HWTN22, KMOM19, LB18, LTW<sup>+</sup>22, MLS01, MHTZ19, NSH<sup>+</sup>10, RGIH<sup>+</sup>06, SML15, SHB14, SBL<sup>+</sup>18, TDCV<sup>+</sup>06, WC09, ZWC<sup>+</sup>15]. **faecal** [DB02, GHIM04]. **Faeroe** [HvH04]. **failure** [RRK<sup>+</sup>20]. **Fall** [ARW<sup>+</sup>04, KHB<sup>+</sup>04, MGHN01, ALSF<sup>+</sup>17, AGW<sup>+</sup>13, ADG<sup>+</sup>08, BLO04, CdST<sup>+</sup>17, CC03, CCS<sup>+</sup>16, DZ08, EGL<sup>+</sup>16, HSFN13, KJL<sup>+</sup>17, KB15, SSAL<sup>+</sup>17, SSE<sup>+</sup>14, TMBTS09, ZP04, dBC<sup>+</sup>09, KPPL00]. **families** [FB14]. **family** [CKFC18, CSE<sup>+</sup>22, GO10, GM22, KB15, KGS23, SW09, SKS<sup>+</sup>23]. **Fan** [SSHB03, BMD<sup>+</sup>17, BSS<sup>+</sup>17, Cha03, CRD<sup>+</sup>17, DDB<sup>+</sup>17, GPBV<sup>+</sup>07, MRP<sup>+</sup>17, ODP<sup>+</sup>17, PTD<sup>+</sup>17, PCB<sup>+</sup>17, PDS<sup>+</sup>17, ROB<sup>+</sup>17, RBDO17, SBDB09, SSB<sup>+</sup>17, SDT<sup>+</sup>17, TBC<sup>+</sup>17]. **far** [AM15, MSM10, RDFS WV99]. **Farallones** [SCS<sup>+</sup>98, SSC<sup>+</sup>00]. **Faroe** [BL04, PR05]. **Faroe-Bank** [BL04]. **fasciata** [GPCC<sup>+</sup>17]. **Fasham** [MLB<sup>+</sup>10]. **fast** [CMG<sup>+</sup>11, DKdS<sup>+</sup>03, FMWD07, vdMLB<sup>+</sup>11]. **fast-ice** [FMWD07]. **faster** [RHPR15]. **Fate** [NRM<sup>+</sup>99, BMF<sup>+</sup>01, HKM00, LPFS97, LAW<sup>+</sup>05, LPMS09, MSG<sup>+</sup>00, SVC<sup>+</sup>08, WAC<sup>+</sup>09, YBHM05, ZBvH<sup>+</sup>00]. **Fatty** [Har94, KWPB15, KME18, WWH<sup>+</sup>10, WPB11, EPPR09, Kha18, KYKJ16, MSW<sup>+</sup>13, MKKF18, NCE<sup>+</sup>23, PPYN15, PGFP<sup>+</sup>08, RKM23a, RD25, SNIT02, WPFB11, WPSB11]. **Fault** [HBCG14, HTT15, RDC<sup>+</sup>18a, RÇG18, RDC<sup>+</sup>18b, ÇYB<sup>+</sup>18, GPC18]. **Fault-control** [HBCG14]. **faulting** [CPW<sup>+</sup>18]. **faults** [HGK<sup>+</sup>18]. **Fauna** [SDT<sup>+</sup>17, ACD<sup>+</sup>17, BH08, BBAL<sup>+</sup>20, BPPJ15, BNKJ23, CMH09, DSG<sup>+</sup>09b, DCH04, DJ15, DFJ18, GBI10, Gri13, HDK08, HRM<sup>+</sup>18, JSWB21, Jaž15, KGB<sup>+</sup>11, Kam18, KBKW13, KMM<sup>+</sup>08, Lin04, Mal04, MMD15, MLH<sup>+</sup>22, OCG<sup>+</sup>09, PB08, RMA<sup>+</sup>20, RLGG07, SBBP<sup>+</sup>15, SRDV07, SRS<sup>+</sup>15, Sot09, TWG00, WSF<sup>+</sup>24]. **Faunal** [GLdS<sup>+</sup>09, MC18a, WR09, AAG02, BJSH14, CBNR<sup>+</sup>09, LG09, LWM<sup>+</sup>09, MS11, Vri09]. **faunas** [GBLS00]. **Faunistic** [Hil94]. **Faust** [DLHH11]. **Fawn** [VPSL15]. **fCO** [SWB<sup>+</sup>09]. **Fe**

[HSH<sup>+</sup>13, AA12, GOH<sup>+</sup>15, GBL<sup>+</sup>08, HS01, HMW<sup>+</sup>15, KMSM11, KNN<sup>+</sup>06, LDD<sup>+</sup>97, LKTS01, LSS<sup>+</sup>07, MBHP99, MV99, MV01, MAT<sup>+</sup>12, MNPT06, NOT<sup>+</sup>09, NVBJ08, NEN<sup>+</sup>07, Rai11, VM01]. **Fe-binding** [GBL<sup>+</sup>08]. **Fe-enrichment** [NOT<sup>+</sup>09]. **Fe-fertilised** [LSS<sup>+</sup>07]. **features** [ASV18, ADGA01, BdBJ<sup>+</sup>14, CRF04, CSG<sup>+</sup>15, CDM<sup>+</sup>16, GAP<sup>+</sup>06, HPS<sup>+</sup>13, HWCT08, JTK<sup>+</sup>14, JHS<sup>+</sup>17, LBMvdB14, LWAS08, LSM<sup>+</sup>06a, LTH05, NOLASZ04, NDD<sup>+</sup>14, PGM<sup>+</sup>15, PBMM14, RSL05, SMBM99, SC16, SGB<sup>+</sup>08, ZWK<sup>+</sup>15]. **February** [AE02, BPRS11, CTBNL08, CHU<sup>+</sup>00, DDK<sup>+</sup>00, SKH10b, WGB<sup>+</sup>04, Ano22n, Ano23j, Ano24j, Ano25d, FD98, GR10, HWN<sup>+</sup>04, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, LCK95, SAM<sup>+</sup>13, SW01, SKW<sup>+</sup>04]. **fecal** [ASF<sup>+</sup>12, DURP03, GS08, LSUB94, TGG<sup>+</sup>09, WSB08]. **Fecundity** [WTS08, YERT13]. **federally** [DCD<sup>+</sup>14]. **feed** [Kli09, OSM<sup>+</sup>20]. **feedback** [WCB08]. **feeders** [DBH<sup>+</sup>20, GAP<sup>+</sup>06, KME18]. **Feeding** [CDRB16, DMFD19, GW98, KIN<sup>+</sup>10, KHT<sup>+</sup>20, NSLAP<sup>+</sup>17, Pro09, SHPM14, BEC<sup>+</sup>96, Bec97, BHC<sup>+</sup>01, BHB<sup>+</sup>07, CCM<sup>+</sup>20, DONF08, EQW<sup>+</sup>13, EBG<sup>+</sup>11, GLLC04, GLF<sup>+</sup>03, GGDF08, GFPM02, HA10, IAA96, LGF03, LH15, LM96, LCR<sup>+</sup>96, MDS08, MKS<sup>+</sup>20, MBM<sup>+</sup>00, RTC<sup>+</sup>07, RSR<sup>+</sup>00, SNH<sup>+</sup>23, SAVP12, SFPH<sup>+</sup>08, Zel01]. **female** [CRJ<sup>+</sup>08]. **females** [RDdL<sup>+</sup>13]. **Ferret** [CWJ99, DJC<sup>+</sup>14, EWP<sup>+</sup>99, GSW99, LUV99, MBMM<sup>+</sup>99, SHD<sup>+</sup>14, Sor99]. **ferromanganese** [CH07, Cha03, GNT<sup>+</sup>17]. **fertilisation** [BBM<sup>+</sup>08, BMF<sup>+</sup>01, HS01, LWLS98, LCS<sup>+</sup>06, MC13, SVC<sup>+</sup>08]. **fertilised** [ASH<sup>+</sup>11, ACBMQ08, LSS<sup>+</sup>07, SLS<sup>+</sup>07]. **fertilization** [ANI09, BSL08a, BQT08, BABB08, CGSZ13, DVPR06, FC09, HTS<sup>+</sup>09, HKN<sup>+</sup>09, LSM<sup>+</sup>06b, MLS<sup>+</sup>06, MMT08, MW06, OCL<sup>+</sup>08, Qué13, STJ<sup>+</sup>08, SWLW11, SSI<sup>+</sup>09, TVLB08, TRHA01, TSMS09, WTCB09, WTL<sup>+</sup>06]. **fertilized** [COV<sup>+</sup>08, JBM<sup>+</sup>08, LGO08, TDC08, TNS<sup>+</sup>09]. **FGOALS3** [DCL<sup>+</sup>21]. **fidelity** [CRJ<sup>+</sup>08]. **Field** [NYNK05, STM04a, STM04b, VPA<sup>+</sup>20, BMB<sup>+</sup>18, CHH19, CM01, DJCF09, GBB<sup>+</sup>17, GDIK02, GBO01, HJS<sup>+</sup>10, HZK<sup>+</sup>05, HTT15, KL96a, KEA<sup>+</sup>17, Kyt02a, Led93, LSOM16, MCB<sup>+</sup>15, MARFP08, OGRdO18, OAH<sup>+</sup>16, PPR<sup>+</sup>20a, SSY<sup>+</sup>05, SRB<sup>+</sup>11, SKMDR02, SBL<sup>+</sup>18, SS99b, SS13b, TRM<sup>+</sup>14, TPP<sup>+</sup>20, TTL<sup>+</sup>16, VSV<sup>+</sup>97, WMB<sup>+</sup>13, WGR<sup>+</sup>97, ZLOR02]. **field-based** [TTL<sup>+</sup>16]. **Field-of-view** [STM04a, STM04b]. **fields** [CSE<sup>+</sup>22, DIM<sup>+</sup>12, HRS<sup>+</sup>23, HAD19, MDI<sup>+</sup>12, MMC11a, MBS05, MCG<sup>+</sup>98, PFX<sup>+</sup>02, SCL<sup>+</sup>04, ULH<sup>+</sup>21]. **Fifteen** [ITT12, LTF<sup>+</sup>19]. **filament** [FMH<sup>+</sup>02]. **filamentous** [SKH<sup>+</sup>10a]. **filaments** [JCPC09, TLR<sup>+</sup>00]. **filippovae** [PNVJ13]. **filled** [KCTG16]. **Filosea** [GBBS00]. **fimbria** [CM16a, CM16b, RDSA<sup>+</sup>21]. **fin** [BRG17, ESWL20, ŠHW<sup>+</sup>04]. **Final** [Ano06b]. **Finding** [WSF<sup>+</sup>24]. **findings** [Bau02, DLB<sup>+</sup>11]. **Fine** [BHBC08, JWCC99, MKS<sup>+</sup>20, SGD<sup>+</sup>14a, YSAER25, aLCS15, MPF<sup>+</sup>17, NDG96]. **Fine-grained** [JWCC99]. **Fine-scale** [BHBC08, MKS<sup>+</sup>20, SGD<sup>+</sup>14a, YSAER25, aLCS15, NDG96]. **finescale** [BASLK04, CD95, Dud06, SCPP05]. **fingerprinting** [ANL13]. **fingerprints** [MZD<sup>+</sup>11, Pee97]. **finite** [LH06]. **Finland** [LL14, OT10]. **finmarchicus**

[BM07, BK96b, CRD01, CPH01, CM01, GGDF08, HK07, LMDW06, MO96, PTS01, RPJ<sup>+</sup>06, SD06b, ST07, SMG<sup>+</sup>07, YQMB20]. **First** [BNP<sup>+</sup>09, BAF<sup>+</sup>18, BR14, BBW<sup>+</sup>15, BMSBM<sup>+</sup>17, CP18b, GMB18, Gol18, Gri13, KJB<sup>+</sup>08, KGS23, LOB<sup>+</sup>09, MB18, MGK<sup>+</sup>17, MGN<sup>+</sup>18, NHH<sup>+</sup>13, NKB<sup>+</sup>18, OBH<sup>+</sup>18, SBE<sup>+</sup>07, STFL<sup>+</sup>13, dMGPT<sup>+</sup>14, AM18, AM22a, AM24, BCNS15, BTLC98, CSE<sup>+</sup>22, DABF<sup>+</sup>16, Fir96, GM22, GK16, KWA<sup>+</sup>20, KFS<sup>+</sup>17, LDGH16, MG22, MBOvL08, ROBV<sup>+</sup>18, SRAL<sup>+</sup>17, STM04a, SSB<sup>+</sup>06, TOF04, TWD<sup>+</sup>08, VHS97, VWTk18, WGW<sup>+</sup>19, YLD09]. **first-passage** [SSB<sup>+</sup>06]. **first-year** [TWD<sup>+</sup>08]. **Fish** [AMJRD19, DOLP<sup>+</sup>09, KPBK08, Mun14, RHZ<sup>+</sup>03, SVAGRCS04, APMN<sup>+</sup>17, ADRS19, BGIJ<sup>+</sup>06, BH08, BLSW05, BHS<sup>+</sup>19, BHH<sup>+</sup>14, BMH08, BTR20, BDL<sup>+</sup>14, BBLE24, CRNP06, CRA<sup>+</sup>20, CMH09, CTW<sup>+</sup>20, CSF<sup>+</sup>12, CSGV13, DLLK15, DSBS20, DC12, DM16b, DSC<sup>+</sup>19, DBBWH20, ECD06, FARLR<sup>+</sup>13, FWC<sup>+</sup>12, FNS20, GMD07, GS06a, GDAMS19, GPCC<sup>+</sup>17, GKGW22, HCWH00, HBC<sup>+</sup>12, HSR<sup>+</sup>22, IMG<sup>+</sup>19, JRGLJ<sup>+</sup>19, KOO<sup>+</sup>24, KBSS93, KMD<sup>+</sup>11, KBFH14, LCD<sup>+</sup>24, LTF<sup>+</sup>19, LRR<sup>+</sup>04, LDG<sup>+</sup>23, LCL<sup>+</sup>22, LWB<sup>+</sup>07, LLM<sup>+</sup>17, LZL<sup>+</sup>22, LTL<sup>+</sup>23, LTS<sup>+</sup>13, LRDS18, LMLC<sup>+</sup>17, LM01, LNDH<sup>+</sup>17, LOFC00, MSW<sup>+</sup>13, MHPS19, MRMP09, MGK<sup>+</sup>17, MBP09, MGN<sup>+</sup>18, Mun16, NSLAP<sup>+</sup>17, NA13, NSWY20, NHBM10, OM98, OAH<sup>+</sup>16, OLP<sup>+</sup>20, PM10, PK08, PSHF<sup>+</sup>13, PSUH<sup>+</sup>16, PPM<sup>+</sup>17, PFPJ<sup>+</sup>09, PGPP<sup>+</sup>13, PBMM14, PDC<sup>+</sup>21, QSA<sup>+</sup>09, RWT<sup>+</sup>20, RAR04, RHPR15, RNP93, SVJRSON04, SVB<sup>+</sup>19, SDB<sup>+</sup>19, SSP<sup>+</sup>09, SM03, SPP22]. **fish** [TP96, TLP<sup>+</sup>19, UC13, VJP<sup>+</sup>10, VVM<sup>+</sup>12, VPdP06, VFFM13, WBD17, WBML06, WAP<sup>+</sup>18, ZLW<sup>+</sup>19, Mun16]. **fisher** [LMLC<sup>+</sup>17]. **Fisheries** [Bro19, Ake19, BRCFP23, CAJE15, EBG<sup>+</sup>15, HC15, HBC<sup>+</sup>15, HIA<sup>+</sup>16, IDSM04, LP19, LS17, MGT<sup>+</sup>20, MCSF15, MDG13, MPH<sup>+</sup>16, MHG<sup>+</sup>17, NA13, ÑB04, Pas18, RSWG04, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16, RSGC25, Sum19, YKO15]. **fishers** [BHS<sup>+</sup>17]. **Fishery** [LPK<sup>+</sup>17, WGNH15, BRCFP23, DVC14, Ham07, HHMF11, HSR<sup>+</sup>22, KYW20, JMP<sup>+</sup>19, TMGLM19]. **fishery-derived** [HSR<sup>+</sup>22]. **Fishery-independent** [LPK<sup>+</sup>17]. **fishes** [ABB<sup>+</sup>01, BMK05, BWOR22, BBB<sup>+</sup>01, CMC11, CSCP13, CLJ<sup>+</sup>13, CDT11, DTWF17, DLWW23, DT08, ESG<sup>+</sup>17, FCBD08, JZX10, KL13, LAJP13, LL13, LBM<sup>+</sup>20, MCL<sup>+</sup>19, MMID17, MG13, OB22a, OB22b, PKHH17, PDB<sup>+</sup>20, RVC<sup>+</sup>13b, RBS17a, RSW<sup>+</sup>13, RQRVM10, SPH<sup>+</sup>08, SWMB10, SLB13b, STS11, WZZ<sup>+</sup>19, WPFB11, YCA<sup>+</sup>20, ZWQ<sup>+</sup>19, vdROO<sup>+</sup>24]. **fishing** [GPF16, MES<sup>+</sup>23, MSA<sup>+</sup>14, RH14, JMP<sup>+</sup>19]. **fit** [Eks07]. **fitting** [TC06]. **five** [DLKP14, FBB<sup>+</sup>13, Fir96, HBB<sup>+</sup>13, LHZ<sup>+</sup>16, RQM<sup>+</sup>08, SDB<sup>+</sup>19, JSWB21]. **fixation** [BPD<sup>+</sup>11, FSL<sup>+</sup>01, HBCO01, HSM<sup>+</sup>01b, OLG<sup>+</sup>01, PHH<sup>+</sup>06, RWR<sup>+</sup>02, SLB13a, TWPP07]. **fixed** [PHD<sup>+</sup>18]. **fixing** [JJVH18]. **fjord** [dSVC<sup>+</sup>14, Fer06, TBSP<sup>+</sup>18]. **fjords** [HA10, PS04a]. **Flabellum** [WTS08]. **flagellate** [BN97]. **flagellated** [SDMC03]. **flagellates** [TB98, ŽSN<sup>+</sup>18]. **flank** [CRD01, IAA96, LM01, LBB<sup>+</sup>06, MC06, MPPr14, MT96, RYT01, SMS01].

**flanks** [KBW<sup>+</sup>11]. **flatfish** [WSB13]. **flatfishes** [ZRG16]. **flavescens** [RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16]. **flavours** [DVCG<sup>+</sup>12]. **fleet** [MWT<sup>+</sup>17, WSP19]. **fleets** [LFKF<sup>+</sup>17]. **flexibility** [BCBB12]. **flexible** [MNPT06]. **flexible-composition** [MNPT06]. **flexion** [GLCU<sup>+</sup>17]. **Flight** [GMD07]. **Flo** [SHF<sup>+</sup>95]. **Float** [RF99, BB03, BS05, BS06, CDDC03, KMG<sup>+</sup>20, PK13, SGL99, SS13b]. **floaters** [IPH<sup>+</sup>17]. **floating** [CVF11, SSG<sup>+</sup>11]. **floats** [CWS<sup>+</sup>23, CMRI13, Fre13, GMCR18, Gou05, HMSMK04, KK20, KOR06, PR05, RG03, SRBR05, WXL<sup>+</sup>23]. **flocculation** [MZR<sup>+</sup>95]. **flock** [RMBW07]. **floe** [HNW<sup>+</sup>08, HEW15, PCL22, SWH08, TKF16]. **floes** [LKJ<sup>+</sup>15, THT11]. **flooding** [BSG<sup>+</sup>11]. **floor** [AS02b, BS98, IATK17, KHL<sup>+</sup>01, LSM<sup>+</sup>06a, RHD<sup>+</sup>11, RSdV<sup>+</sup>09, RBP<sup>+</sup>94, SBG<sup>+</sup>98, WL02]. **flora** [KPPL00]. **Florida** [LWL<sup>+</sup>24, LWZ<sup>+</sup>23, NWZL23, SWLL23, WKM<sup>+</sup>07a, CLW<sup>+</sup>23, WZL<sup>+</sup>16]. **flotsam** [GMCR18]. **flounder** [DDAH<sup>+</sup>14, DMH19, SCH<sup>+</sup>19a]. **Flow** [BSN18, CDDC03, EB01, PWP<sup>+</sup>05, Pin93, vGFGS02, BSX<sup>+</sup>15, Ben13, BFK<sup>+</sup>14, DO96, FGB10, GPC<sup>+</sup>18, GPC14, HRT14, HFK<sup>+</sup>02, IHI<sup>+</sup>97, JS14, Jur20, LVJC17, LS04, LH06, LWC05, LAPL<sup>+</sup>16, MTB09, MPI07, MBS05, MSNL09, MSK<sup>+</sup>19, NLSL09, OSCS00, PPT<sup>+</sup>10, QC10, RG03, RWN<sup>+</sup>08, SSY<sup>+</sup>05, SOS01, SJL05, SM23, SS99b, TWL<sup>+</sup>15, TMC04, TS03, WGR<sup>+</sup>97, WEB93]. **Flow-induced** [EB01]. **flows** [Abr19, Bas19, CA06a, HBSL01, HB05, LDV<sup>+</sup>02, PS20, Uml05, VS99, Web19, WCL22, vOSG<sup>+</sup>11]. **fluctuation** [PC18]. **fluctuations** [DBC<sup>+</sup>19, GNHS05, Led93, LB93, LZB96, MALT05, PC00, SHN<sup>+</sup>07]. **Fluid** [GPC<sup>+</sup>18, ACBV<sup>+</sup>18, CSG<sup>+</sup>15, CPW<sup>+</sup>18, FC15, HGK<sup>+</sup>18, Joh19, OGG<sup>+</sup>15, SO98]. **Fluids** [RÇG18, iITT<sup>+</sup>15, PFC09, PFAZL09, SLS<sup>+</sup>09, VB98]. **Fluorescence** [GdRGH<sup>+</sup>14, HWS<sup>+</sup>98b, MT96, WLC99, YCN<sup>+</sup>10, CZVR02, DN97, DPS<sup>+</sup>11, DPY14, MGT16, NRH<sup>+</sup>06, OSCS00, SMS20, VKG93, VLR<sup>+</sup>02, YAS<sup>+</sup>93]. **Fluorescence-based** [WLC99]. **fluorometry** [CMG<sup>+</sup>11]. **flushing** [GBG15, LBY<sup>+</sup>10]. **Flux** [AS01b, BNM08, BHJ99, CRR01, DD06, Heb00, KHH<sup>+</sup>17, LMB<sup>+</sup>98, SBCH02, SAM<sup>+</sup>00, TBB<sup>+</sup>08, WCH<sup>+</sup>93, WC02, ABD<sup>+</sup>13, ANL13, ACH02, AE02, AAMF<sup>+</sup>02, AKBD13, Ano08, AMH<sup>+</sup>01, BCH<sup>+</sup>96, BHMK08, BFL00, BAH<sup>+</sup>95, BTS<sup>+</sup>08, CAFK03b, CRP<sup>+</sup>05, CFT<sup>+</sup>04, CCC<sup>+</sup>03, CDH<sup>+</sup>00, DURP03, DSvR<sup>+</sup>18, DB02, DWW<sup>+</sup>02, FBS94, FL02, FUGG<sup>+</sup>09, FS02, FPB04, GS08, GPK02, GZZC10, GK02, HTS<sup>+</sup>09, HH93, HMW00, HHD<sup>+</sup>09, HFP94, HRM<sup>+</sup>11, HDW<sup>+</sup>20, ILWH03, IPH<sup>+</sup>17, JB01, KAW<sup>+</sup>16, KCD<sup>+</sup>96, KH02, KRF01, KFF<sup>+</sup>94, KPPL00, KCY<sup>+</sup>16, KSU<sup>+</sup>08, KSS00a, LBV<sup>+</sup>08, LNJ<sup>+</sup>00, LSdC<sup>+</sup>10, LSUB94, LL01, LMA08, LAC<sup>+</sup>09, MQ01, MY99, MHG<sup>+</sup>04, MFG<sup>+</sup>93, MW99, MHA<sup>+</sup>01, MDTS08, MDT<sup>+</sup>08, MBM<sup>+</sup>00, MKH<sup>+</sup>05, MBT97, MSB96, MKVT<sup>+</sup>04, MYN<sup>+</sup>96, NGM<sup>+</sup>20, NFD<sup>+</sup>02, OTOH05, OT12, PFP02, PP93, PFW<sup>+</sup>09, PLPS98, PF06, PDY20, RLPF07, RWRS08, RL97, RSR<sup>+</sup>00]. **flux** [RBH<sup>+</sup>20, SSH<sup>+</sup>02, SH00, SE96, SF11, SFG98, SMB02, SZG<sup>+</sup>13,

SDCH99, SBD<sup>+</sup>97, SGM<sup>+</sup>02, SAM96, TSS<sup>+</sup>02, TSW<sup>+</sup>09, TRWB99, TMW<sup>+</sup>05, WN01, WCB08, YZZ<sup>+</sup>16, YZ00, vdLCS<sup>+</sup>11, KND<sup>+</sup>08, NKD<sup>+</sup>08].

**Fluxes** [AMN<sup>+</sup>02a, BA94, CB00b, GSK02, RH99, ADV<sup>+</sup>01, ASBM02, ÁRR02, AKH<sup>+</sup>02, And00, ALH<sup>+</sup>01, BGS98, BS03, BCBF03, BH99a, BZvHH00, BLC<sup>+</sup>08, CTBNL08, Car07, CCP<sup>+</sup>18, CWB02, CRR01, DZBR95, DAA<sup>+</sup>20, DOBH02, DLF<sup>+</sup>09b, DZ08, DC96, ETDB11, FWG<sup>+</sup>97, FRW00, FGW02, FCP99, GCS<sup>+</sup>12, GRS00, GMR<sup>+</sup>05, GBP00, GHIM04, GRSW00, HTD00, HLG<sup>+</sup>21, HBT<sup>+</sup>08, HMS<sup>+</sup>13, HAF<sup>+</sup>15, HZS00, HdMR<sup>+</sup>99, HIN<sup>+</sup>02, HBCC13, HM93, HDPI99, HFM<sup>+</sup>00, HBCO01, HWS<sup>+</sup>13, HWC07, ITT12, IOK03, IGP<sup>+</sup>06, ITMG18, KOLA<sup>+</sup>18, KTL<sup>+</sup>00, KMD<sup>+</sup>01, LRGH<sup>+</sup>05, LGHD20, LBL08, LBM98, LFM02, LMB<sup>+</sup>98, LPW<sup>+</sup>09, LSB07, LCE<sup>+</sup>23, MPE<sup>+</sup>09, MRRG23, MISC<sup>+</sup>02, MDM<sup>+</sup>13, MYE<sup>+</sup>02, MW06, NISG05, NKA<sup>+</sup>11, OTH05, PIP<sup>+</sup>02, PKR<sup>+</sup>01, PDC<sup>+</sup>99, PAM<sup>+</sup>14, RLH<sup>+</sup>03, RS02, RHPC<sup>+</sup>19, SCGDU09, STJ<sup>+</sup>08, Sch02a, SBD05, STD<sup>+</sup>20, SSLA95, SHFM01, SK02, SMD08, SKGD14, SDLZ13, SZB<sup>+</sup>19]. **fluxes** [SSH<sup>+</sup>00, Tan03, TMP<sup>+</sup>19, Thu98, TBBM03, TTA<sup>+</sup>16, UIS<sup>+</sup>03, VBM97, WPHL02, WJS<sup>+</sup>10, WWC<sup>+</sup>99, WTL<sup>+</sup>06, WSB<sup>+</sup>09, XA09, YZZ<sup>+</sup>19, YHL<sup>+</sup>12, ZDA<sup>+</sup>16, Zül05, vWDB<sup>+</sup>01]. **focal** [MT98]. **focus** [DNR20, GBP21, KGB16, VVV04a]. **focusing** [LMS09]. **focussing** [RT20]. **fog** [CHN<sup>+</sup>18]. **following** [Bak98, BSL<sup>+</sup>96, BM15, EBM<sup>+</sup>18, HSB<sup>+</sup>16, MGNB96, PR05, RP18, WPJW96, ZDA<sup>+</sup>16, ZJA16]. **fondness** [BLS09].

**Food** [ADV<sup>+</sup>01, DRD06, DGK10, GNB<sup>+</sup>17, NA13, PCP<sup>+</sup>17, SMD06, SAM<sup>+</sup>12, WMH<sup>+</sup>07, WAV<sup>+</sup>12, ABC<sup>+</sup>05, ASF<sup>+</sup>12, AMK<sup>+</sup>05, AM07, BFSK08, BFM<sup>+</sup>14, BHC<sup>+</sup>01, CRD01, COV<sup>+</sup>08, CNOC13, CS20, DSN<sup>+</sup>20, DBS98, EMV09, FBBW<sup>+</sup>10, FHT<sup>+</sup>14, FTT<sup>+</sup>17, GGH<sup>+</sup>00, GSM<sup>+</sup>08, GGCM17, HS01, HFK<sup>+</sup>02, HWCT11, HAM<sup>+</sup>15, IBD10, JCF<sup>+</sup>06b, JSM<sup>+</sup>16, KYW20, LK98, LRN<sup>+</sup>14, MAH<sup>+</sup>12, MMTT<sup>+</sup>20, MD17, MKKF18, PTO<sup>+</sup>16, PDS<sup>+</sup>17, PDTS08, RJDR06, RWN<sup>+</sup>08, Row13, SVR<sup>+</sup>00, SS09, SCSMT20, SLLT10, Thi05, TVL<sup>+</sup>00, TWG00, VS99, VSR<sup>+</sup>00, VM13, WLM23, WWH<sup>+</sup>10, WGNH15, WTI<sup>+</sup>20, Wit00, WYT19, WPB11, vOSG<sup>+</sup>11, BH19b]. **Food-web** [ADV<sup>+</sup>01, DGK10, CNOC13, HAM<sup>+</sup>15, IBD10, KYW20, TVL<sup>+</sup>00].

**FOODBANCS** [MDTS08, SMD08, SD08]. **foodweb** [BLOM93, DFK<sup>+</sup>06, HKAM12]. **foodwebs** [TPW<sup>+</sup>16]. **footed** [WSP19]. **footsteps** [BM15]. **forage** [APMN<sup>+</sup>17, DSBS20, GFCS04, GMD07, GS06a, HBC<sup>+</sup>12, MHPS19, PSHF<sup>+</sup>13, PSUH<sup>+</sup>16, RMA<sup>+</sup>20, SPP22]. **Foraging** [BWOR22, CRJ<sup>+</sup>08, FEB<sup>+</sup>13, GHM18, MdSLH13, NBCT13, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16, RDdL<sup>+</sup>13, SSB<sup>+</sup>06, BCF<sup>+</sup>04, CTH<sup>+</sup>98, ERPFF11, ECM<sup>+</sup>06, FMWD07, GBC<sup>+</sup>13, GMD07, GS06a, HCZ<sup>+</sup>07, HAGW<sup>+</sup>13, JHHK14, LGP<sup>+</sup>15, MCBC08, POI17, PNVJ13, PWB<sup>+</sup>06, RG06a, SGD<sup>+</sup>14a, SMA<sup>+</sup>17, TCEW07, VGGLB15, Wei07, WLR<sup>+</sup>00]. **foraminifer** [BW99a].

**Foraminifera** [LEP14, VWTK18, AKHR<sup>+</sup>20, Ber24, BGB08, BS21, BJSH14, BRPH20, CB00b, DFA<sup>+</sup>20, FDR<sup>+</sup>18, GSB<sup>+</sup>03, HSC<sup>+</sup>07, Kha18, KSS<sup>+</sup>00b, KKNH02, LVP13, LH07, MHG<sup>+</sup>04, MC18a, PFdSG11, SSR<sup>+</sup>14, SP06, SNK07, WMW96, CDL94, GBLS00, GdSP11, GAJ<sup>+</sup>13, LVP15, PBG07].

**Foraminiferal**

[LG09, AKI<sup>+</sup>16, CRM<sup>+</sup>16, DJC<sup>+</sup>14, GBSL98, GMBL10, Hus16, JBD<sup>+</sup>09, KNG02, KTL<sup>+</sup>00, SSSN19, SH00, SBL<sup>+</sup>07, SKdS<sup>+</sup>14, vGCM00].  
**foraminiferan** [GHG<sup>+</sup>04, GCKC07]. **foraminiferan-like** [GCKC07].  
**foraminiferans** [CCBL14, CG04, GLdS<sup>+</sup>09, WPB11]. **foraminifers** [SWZA02]. **forays** [BG09b]. **forbesii** [SMV<sup>+</sup>13]. **force** [LZS<sup>+</sup>18]. **Forced** [WWL02, DKJ13, LDG94, PPL<sup>+</sup>19]. **forces** [MSM<sup>+</sup>02]. **Forcing** [MMH<sup>+</sup>08, BDF00, BV98, BA02, CLC<sup>+</sup>98, CDRA08, CHH<sup>+</sup>21, CMJ<sup>+</sup>18, DS21, DWBP13, DD15a, DD15b, EHL02, ERR97, FLLGR04, FHW06, GWR93, GO15, HSR<sup>+</sup>23, HHW<sup>+</sup>08, HKC<sup>+</sup>21, HH05, JKN<sup>+</sup>05, KRG<sup>+</sup>01, LBC<sup>+</sup>98, LJBF00, MPL15, MHA<sup>+</sup>15, OACA19, OWD13, OBA02, Roy05, SMZ<sup>+</sup>08, ST13, TGFP02, VTA<sup>+</sup>11, WCC05, WBO07, WBJ<sup>+</sup>98, Yu03, ZXH<sup>+</sup>13, ZT00].  
**Forcipulatacea** [Mah16]. **Forecast** [STP<sup>+</sup>16, CWL<sup>+</sup>23, LWZ<sup>+</sup>23].  
**forecasted** [SABP<sup>+</sup>16]. **Forecasting** [HLR<sup>+</sup>09, TFP<sup>+</sup>16, BHS<sup>+</sup>17, CLF<sup>+</sup>09, CFZ<sup>+</sup>18, KAM<sup>+</sup>14, MPM<sup>+</sup>16, PDB<sup>+</sup>16, PPL<sup>+</sup>07]. **Forecasts** [HSSH23, HGB<sup>+</sup>13]. **foresight** [TSA<sup>+</sup>01]. **Foreword** [RP18, Sch02b, Sch03, lBW01]. **form** [BG10, MMHB98]. **Formation** [CBF<sup>+</sup>13, CBF<sup>+</sup>16, CMPB18, JLM20, Pas16, TKF16, AAG19, AKBD13, BHAL13, Cha07, DSK<sup>+</sup>13, GWL<sup>+</sup>15, GF07, Gol93, HRSJ23, HB03, HHR<sup>+</sup>08, JCPC09, JTDG13, JVL<sup>+</sup>16, KM05b, Las93, LPA<sup>+</sup>95, MML06, MDM<sup>+</sup>13, MCM06, NEO<sup>+</sup>07, OS02, RPM07, RKHK<sup>+</sup>11, SSWM18, SPB<sup>+</sup>14, VPA<sup>+</sup>20, VS10, WOM<sup>+</sup>16, YLU<sup>+</sup>14, You10, ZAC<sup>+</sup>15, ESA<sup>+</sup>09, PPR07, Sch07].  
**formed** [GZGH22]. **forming** [HZMH07, LB14, SKH<sup>+</sup>10a]. **forms** [BN05, YET06]. **formulations** [PPS<sup>+</sup>16]. **Fort** [HGM<sup>+</sup>11]. **fortunata** [MCB<sup>+</sup>15]. **forward** [AGHS04, TP02b, TP02a]. **fossil** [DSE<sup>+</sup>14, RSdV<sup>+</sup>09, WCSA<sup>+</sup>16]. **Foster** [BS03, CRBK03, CKL03, KFG<sup>+</sup>03, KRW03, KL03, LT03, RHZ<sup>+</sup>03, SGD<sup>+</sup>03].  
**found** [IATK17, JS14, NRSL17]. **foundation** [CBHF10]. **Four** [SGM<sup>+</sup>02, CK03, CDM23, CLSS15, GGO<sup>+</sup>14, HKMS03, IOTS16, JZX10, JNB17, KC03, KMK<sup>+</sup>20, KMKA20, LW04, MKD<sup>+</sup>20, OBC<sup>+</sup>14, SKKM20, Thi05, WBO07, Wit00]. **four-dimensional** [HKMS03]. **four-member** [Thi05]. **Four-year** [SGM<sup>+</sup>02]. **Fowler** [MMN10]. **fractal** [LL95].  
**fractionated** [CLSS15, DPS<sup>+</sup>14, FPB04, JPSB93, LOA15, OBM<sup>+</sup>93, PTD<sup>+</sup>14, RWR<sup>+</sup>02, SG99, SH99c, TDKA05, VFS02, VvdLS11].  
**fractionation** [EWBW99, vdMLB<sup>+</sup>11]. **fractions** [CD20, DTP<sup>+</sup>05].  
**Fracture** [BFB<sup>+</sup>18, CSGV13, CSCP13, CLJ<sup>+</sup>13, CLB13, DAB<sup>+</sup>18, DHST13, EQW<sup>+</sup>13, FVW08, GLMB18, KJB<sup>+</sup>08, LAJP13, LS18, MSW<sup>+</sup>13, PBB<sup>+</sup>13, RKB18, SLB18, SWL<sup>+</sup>18, SAM<sup>+</sup>13, YSAER25, BSJ13, BBT<sup>+</sup>18].  
**Fragilariopsis** [DVS<sup>+</sup>97, HPN<sup>+</sup>12, NGM<sup>+</sup>20]. **fragment** [MN10]. **Fram** [BSKD<sup>+</sup>07, Heb00, SH99a, SH99b]. **framework** [FO05, GBS<sup>+</sup>22, KG20, MTR<sup>+</sup>10, MGT<sup>+</sup>20, Pas18, RAS23, SM12, SCQ<sup>+</sup>09, TAB<sup>+</sup>16]. **France** [NC97, CMP14, EBM<sup>+</sup>25, FGF<sup>+</sup>14, MBMM<sup>+</sup>99, VHC<sup>+</sup>17]. **Frank** [Ano19].  
**Frederick** [Lut09, SPS<sup>+</sup>09]. **Free** [LRH<sup>+</sup>11, SSH<sup>+</sup>11, Smi11, BTLC98, CVF11, DFMW13, DI00, ETDB11, FMZ15, GGO<sup>+</sup>14, HKSV11, HSM11,

KRS<sup>+11</sup>, LWW<sup>+15</sup>, MRE<sup>+11</sup>, PFW<sup>+09</sup>, RVS11, REWH11, SCM<sup>+02</sup>, SRH<sup>+11</sup>, SRB<sup>+11</sup>, SHM<sup>+11</sup>, SSS<sup>+11</sup>, SSG<sup>+11</sup>, TLF97, VVV04b, VSC<sup>+11</sup>].

**Free-Drifting**

[SSH<sup>+11</sup>, LRH<sup>+11</sup>, Smi11, ETDB11, HKSV11, HSM11, KRS<sup>+11</sup>, MRE<sup>+11</sup>, PFW<sup>+09</sup>, RVS11, REWH11, SRH<sup>+11</sup>, SRB<sup>+11</sup>, SHM<sup>+11</sup>, SSS<sup>+11</sup>, VSC<sup>+11</sup>].

**free-floating** [CVF11, SSG<sup>+11</sup>]. **free-living** [FMZ15, LWW<sup>+15</sup>, VVV04b].

**free-ranging** [BTLC98, DFMW13]. **freeboard** [SHW<sup>+16</sup>]. **French**

[DMC<sup>+17</sup>, DLW<sup>+17</sup>, FPB<sup>+14</sup>, LPA<sup>+17</sup>, LAB<sup>+17</sup>, Mar02]. **French-JGOFS** [Mar02]. **frequency** [BCT21, BWS<sup>+98</sup>, CLB13, CMJ<sup>+18</sup>, GPC14, GKBG17,

HZW<sup>+23</sup>, KRGT14, LDV<sup>+02</sup>, LWSA08, PCT18, SLP<sup>+09</sup>, SPF<sup>+94</sup>, UY04].

**Frequent** [SSHB03]. **fresh** [AMH<sup>+24</sup>, Cra05, IIM<sup>+09</sup>, KFW01, SSB<sup>+17</sup>].

**fresh-core** [AMH<sup>+24</sup>]. **Freshening** [ACSG15, KNK15, KxF22, RAC<sup>+20</sup>].

**Freshwater**

[HSPS24, HCG19, JCP<sup>+22</sup>, WDR05, AVS<sup>+20</sup>, Car07, DHS<sup>+09</sup>, DRS10, MBW<sup>+08</sup>, PSWF19, SP19a, SF11, SMB02, SJM02, SBS<sup>+02</sup>, vWMR<sup>+17</sup>].

**Frictional** [Gar04]. **Fridtjof** [RAB<sup>+17</sup>]. **fringing**

[HKY<sup>+13</sup>, LWSZ13, ZHY<sup>+13</sup>]. **Front**

[Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, CSP05, CP02, DPS<sup>+11</sup>, JDD<sup>+11</sup>, KMD<sup>+01</sup>, NGS<sup>+15</sup>, NDD<sup>+14</sup>, SH02, SBvdL<sup>+02</sup>, SLB13b, vdLBB<sup>+02</sup>, AAB<sup>+97</sup>, ACG19, BKD06, BCKH07, CCM15, DL01, EB01, JLTD11, JMN<sup>+15</sup>, Joh96, KHS<sup>+02</sup>, KT06, LM01, LBB<sup>+06</sup>, MKT<sup>+15</sup>, MRD13, MXC15, MT96, PRA<sup>+95</sup>, PBB<sup>+13</sup>, RJM<sup>+15</sup>, SHWW22, UGSK<sup>+20</sup>, WOU06, XZM<sup>+23</sup>, YO96, YLH<sup>+10</sup>, AS02a, AGS<sup>+02</sup>, Bai09, BVB14a, BVB<sup>+14b</sup>, BHJ<sup>+14</sup>, BL01b, CSW<sup>+17</sup>, DURP03, DO01, DLB02, DSJ<sup>+11</sup>, FGW02, FS07, GSK02, HMH<sup>+02</sup>, JSSW14, LSB<sup>+02</sup>, MAB<sup>+01</sup>, MLBB14, NGS<sup>+15</sup>, PH17, PRMM<sup>+17</sup>, RGTV97, RTB02, RPA07, RPZ<sup>+14</sup>, RFB97, SM00, SWZA02, SLA<sup>+01</sup>, SHB14, SAM05, SKMDR02, SGB<sup>+02</sup>, SWGPK17, TPS<sup>+15</sup>, URDP01, WZB<sup>+14</sup>, vFvdBB<sup>+02</sup>]. **Front-Current** [AGS<sup>+02</sup>].

**Frontal** [ARLB00, ARNB01, AF01, BGDT11, CEG<sup>+11</sup>, ETDB11, FBCN00, HPM02, LBR<sup>+11</sup>, TLK<sup>+02</sup>, WGWW11, You10, BvWR<sup>+20</sup>, BWC<sup>+02</sup>, CHSVB<sup>+19</sup>, DSN<sup>+20</sup>, FSK<sup>+02</sup>, HFP94, MT15, MNV<sup>+20</sup>, Mun14, Mun16, PG97, PPRL02, SGA<sup>+15</sup>, SRHP23, SRY04, SGP<sup>+02</sup>, TP96, WCL22, CHR97].

**frontier** [SBL<sup>+18</sup>, WAM<sup>+18</sup>]. **frontiers** [HD17, Lut15]. **Fronts**

[BPRS11, BHH<sup>+14</sup>, HLZY10, VMAW12, BH15, BY04, CC15, HZZ10, JCPC09, aLCS15, LNDH<sup>+17</sup>, MDSA19, MB01, MST<sup>+14</sup>, Mun14, Mun16, MHM<sup>+14</sup>, NBCT13, PS19, PRP15, PO15, RAF<sup>+11</sup>, SGD<sup>+14a</sup>, SA14, SGW<sup>+15</sup>, SBA<sup>+20</sup>, TNT<sup>+15</sup>, TSB<sup>+14</sup>, VPS97, WH01a, ZPG14]. **FRS**

[MLB<sup>+10</sup>]. **FRUELA** [AE02, CAMA<sup>+02</sup>, LAF<sup>+02</sup>, PIP<sup>+02</sup>]. **frustule**

[AWL<sup>+09</sup>, MGC<sup>+14</sup>]. **frustule-bound** [MGC<sup>+14</sup>]. **fry** [BRCFP23]. **Fuca**

[DCS<sup>+18</sup>, MTB09]. **fueling** [CGM<sup>+07</sup>]. **fuelled** [SAVP12]. **fuels**

[AMvD<sup>+12</sup>, GAL<sup>+12</sup>, GAL<sup>+20</sup>]. **fugacity** [WTL<sup>+06</sup>]. **Full**

[SIFS10, TR02, Ang10, RPS<sup>+11</sup>]. **Full-depth** [SIFS10, TR02, RPS<sup>+11</sup>].

**fulmar** [EQW<sup>+13</sup>]. **fumaroles** [BAKF03]. **function**

[IS07, MBP<sup>+20</sup>, SH16, SCSMT20, VPdP06]. **Functional**

[GLF<sup>+</sup>03, APB<sup>+</sup>09, CCK<sup>+</sup>16, HLA<sup>+</sup>06, IBK<sup>+</sup>11, JBR<sup>+</sup>18, KRHS20, Mah16, MBDB<sup>+</sup>24, MARFP08, SHY10, YLD09]. **functioning** [CHS17, HWJ20, MBT<sup>+</sup>14, MKD<sup>+</sup>20, MCD<sup>+</sup>09, MBG<sup>+</sup>24, PCP<sup>+</sup>17, RBDO17]. **fundamental** [GDIK02]. **Fundy** [ER05, MPH<sup>+</sup>05, MLH14]. **fundyense** [ASK<sup>+</sup>05, AKM<sup>+</sup>05, AKK<sup>+</sup>14, Ano05a, ABS<sup>+</sup>14, BFK<sup>+</sup>14, BAD<sup>+</sup>14, DPS<sup>+</sup>14, DTP<sup>+</sup>05, ER05, KCMA05, KCA05, LLK05, MPH<sup>+</sup>05, MLH14, MAST05, MALT05, MTK<sup>+</sup>14, MBC<sup>+</sup>14, PTD<sup>+</sup>14, PKA05, SKM14a, SMSA05, TBT05, TPT05, TMTR14, TDKA05, VCM<sup>+</sup>14]. **Fungal** [NMN<sup>+</sup>17]. **Fungiacyathus** [WF13]. **furcilia** [VMF<sup>+</sup>16]. **Furrow** [BRSB16]. **Further** [LCL<sup>+</sup>09]. **fusiformis** [RMBW07]. **Future** [WOS12, AS01a, AKK<sup>+</sup>14, ASBR17, BMR<sup>+</sup>14, DABF<sup>+</sup>16, EEAA<sup>+</sup>19, HBSL01, HHMF11, HGB<sup>+</sup>16, HAE<sup>+</sup>15, HMHY11, KGJ<sup>+</sup>25, LTF<sup>+</sup>19, LAGK<sup>+</sup>18, LBM09, MBT<sup>+</sup>14, MGG<sup>+</sup>17, MHG<sup>+</sup>17, PDC<sup>+</sup>21, RDW<sup>+</sup>22, SE24, WWC<sup>+</sup>19, XGF18].

**G** [Ano97b]. **G.** [dLWFB08]. **GA** [BAC<sup>+</sup>15]. **GA-03** [BAC<sup>+</sup>15]. **GA03** [BSS15, JSBC15, SSUB15, FCW<sup>+</sup>15, HMW<sup>+</sup>15, HAF<sup>+</sup>15, JM15, RSB<sup>+</sup>15]. **Gabon** [CBNR<sup>+</sup>09, vCO09]. **Gadidae** [EGOO22, EBG<sup>+</sup>22]. **gadids** [CSS<sup>+</sup>22a]. **Gadiformes** [KVM025, EGOO22]. **gadoid** [Mun14, Mun16]. **Gadus** [BZS<sup>+</sup>16, BD06, CCC<sup>+</sup>23, Dri09, DABF<sup>+</sup>16, EZB<sup>+</sup>20, EBG<sup>+</sup>22, EMB<sup>+</sup>22, FHAH16, GEP<sup>+</sup>16, HSC<sup>+</sup>19, IAA96, JGM09, KVS<sup>+</sup>09, MMS<sup>+</sup>19, MES<sup>+</sup>23, MDH16, MZH16, NHCL14, RG06a, RG06b, SRFR07, SCD<sup>+</sup>22, SH16, SHPM14]. **gain** [LWJR22, PTO<sup>+</sup>16]. **gained** [BVB14a]. **Galapagos** [SCC98, HTML98, HWS<sup>+</sup>98a, LCK<sup>+</sup>18, MYL<sup>+</sup>98, SMY<sup>+</sup>98, VAMPR<sup>+</sup>17, Pal04, SWB<sup>+</sup>18]. **Galatheididae** [CRT<sup>+</sup>00]. **Galattheoidea** [CNM17]. **Galiccia** [CPF<sup>+</sup>14]. **Galiteuthis** [SRS<sup>+</sup>20]. **Galway** [LDBvdB17]. **Game** [FSP<sup>+</sup>16, GGM<sup>+</sup>16]. **gamma** [STWW01]. **gammariid** [AGD96]. **Ganga** [CRP<sup>+</sup>05]. **gannets** [GMD07, SGD<sup>+</sup>14a]. **GAO3** [JLL<sup>+</sup>15]. **Gap** [LC16, LCS16, WSF<sup>+</sup>24]. **garden** [HCBL<sup>+</sup>17, VSFF09, dMGPT<sup>+</sup>14]. **Garveia** [SC15]. **Gary** [HWWM19]. **Gas** [SE96, EMEP18, GHD<sup>+</sup>18, HLS<sup>+</sup>11, JKB04, KWN<sup>+</sup>09, MS18, RDC<sup>+</sup>18a, RDC<sup>+</sup>18b, ROBV<sup>+</sup>18, SHL<sup>+</sup>11, SBL<sup>+</sup>18, WPB<sup>+</sup>16, WAM<sup>+</sup>18]. **Gascoyne** [HWTP07]. **Gastropoda** [CKFC18, CSE<sup>+</sup>22, NCK<sup>+</sup>22, SBE<sup>+</sup>07]. **gastropods** [CKFC18, FHK18, GFS15, JBOH10, SWZA02, SBB<sup>+</sup>11, WB09]. **gate** [KFKZ24]. **Gateway** [MWFS17]. **gaudichaudii** [WT12]. **gauntlet** [SCH<sup>+</sup>19b, SCH<sup>+</sup>19a]. **Gaviera** [SGPD<sup>+</sup>14]. **gazella** [AHB<sup>+</sup>17]. **Gdansk** [BRSB16]. **gear** [HKY<sup>+</sup>13, RSGC25]. **GEBRAP96** [CR06]. **gel** [RSF<sup>+</sup>99, VS10]. **Gelatinous** [SHM<sup>+</sup>20, MCCM<sup>+</sup>98, YSHS08]. **gelbstoff** [VLR<sup>+</sup>02]. **gen** [CAK15, MB07a, SM15, UC13]. **Gene** [BMB<sup>+</sup>18, LVJC17, ETP<sup>+</sup>16, EGOO22, EBG<sup>+</sup>22, JBR<sup>+</sup>18, XGL15]. **genera** [BVL04, BV04, CP18b, LdSN<sup>+</sup>18]. **General** [AKM<sup>+</sup>05, CDJ<sup>+</sup>22, DGP20, GG02, Hei02, KIY<sup>+</sup>05, NP03, VIY02, WMC06, WBA03]. **generalised** [BDL<sup>+</sup>14]. **Generalization** [Abr19]. **generalized** [KMD<sup>+</sup>11]. **generated** [Che02, CHG15, JMW<sup>+</sup>20, LH06]. **generating** [MC12, MTWH04, Rog00].



**generation** [ASM06, DFC05, PHM06, SA02, SAK05, SPW<sup>+</sup>22, SHA04].

**genes** [CCK<sup>+</sup>16, MHC<sup>+</sup>10, RSF<sup>+</sup>99, YLD09]. **genesis** [ÇYB<sup>+</sup>18, CSG<sup>+</sup>15].

### **Genetic**

[ASMM11, CRT<sup>+</sup>00, MMN10, BLBW<sup>+</sup>11, BK96b, CSM13b, FRBB10, HD17, MN10, PBG07, RLB18b, RCCP13, SWK<sup>+</sup>23, VVM<sup>+</sup>12, VWTK18]. **genetics** [BTM<sup>+</sup>98]. **Genome** [XSL<sup>+</sup>17]. **Genome-wide** [XSL<sup>+</sup>17]. **genomes** [FB14].

**genomic** [XZW<sup>+</sup>19]. **genomics** [NTA<sup>+</sup>10, XSL<sup>+</sup>17]. **genus**

[ADE22, BDR16, CSE<sup>+</sup>22, CB18, CK24, CRT<sup>+</sup>00, DFD<sup>+</sup>11, DQC14, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, GJ11, HRS<sup>+</sup>23, KBK<sup>+</sup>18, LMS15, MNN10, MM15, MFS<sup>+</sup>23, OKH<sup>+</sup>22, TY98, UC13, VVV04b, XZW<sup>+</sup>19]. **geo** [KFS<sup>+</sup>17]. **geo-** [KFS<sup>+</sup>17]. **Geochemical**

[FDP<sup>+</sup>14, GKH<sup>+</sup>07, GBC<sup>+</sup>05, SA15a, SBS<sup>+</sup>00, WZ03, YLR18, ZSLL15, ACBV<sup>+</sup>18, AST07, ASV18, BHSJ16, BHS<sup>+</sup>10, HdVGHM02, HFL<sup>+</sup>15, KHL<sup>+</sup>01, MFN<sup>+</sup>02, OTK<sup>+</sup>05, PBVC<sup>+</sup>16, RHD<sup>+</sup>11, RH07, RGS<sup>+</sup>15].

### **Geochemistry**

[Cha03, FSCC07, SA18, ÇYB<sup>+</sup>18, CKH<sup>+</sup>05, FBCP01, GMC97, HHP<sup>+</sup>96, HWS<sup>+</sup>07, ITM<sup>+</sup>12, KBI<sup>+</sup>11, KSS<sup>+</sup>00b, LPFS97, MMG<sup>+</sup>07, MT11, MMWM00, MAR<sup>+</sup>17, PPR07, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, RSP<sup>+</sup>98].

**Geochronology** [RSP<sup>+</sup>98]. **geographic**

[LZZ<sup>+</sup>16, NLHB01, NHS<sup>+</sup>13, WGG98]. **Geographical** [BE00, OUJ<sup>+</sup>19].

**Geography** [YXZ<sup>+</sup>22, NHCL14]. **geolocation** [Eks07]. **Geologic**

[GTB15, CES98]. **Geological** [SBDB09, Tho04, CTT09, FSG02]. **Geology**

[SDGH14, MT11, RSH10]. **geometrical** [TC06]. **Geomicrobial** [CBB<sup>+</sup>98].

**Geomorphic** [OBC<sup>+</sup>14, NHD11, PGM<sup>+</sup>15]. **geomorphological** [WGW<sup>+</sup>19].

**Geomorphology** [GBDM<sup>+</sup>14, O'H24, HBCG14, KBW<sup>+</sup>11]. **geophysical** [GPMZ<sup>+</sup>10, SC10]. **George** [HB03, KIM08, NKA<sup>+</sup>11, BH03, DZ08, EBG<sup>+</sup>11, HBB03, NHH<sup>+</sup>13, PS03, PBO<sup>+</sup>11, PDBH03]. **Georges**

[Ano97b, DL01, GDE<sup>+</sup>96, MLW<sup>+</sup>01, TMTR14, ADGA01, ABB<sup>+</sup>01, AGD96, BDW<sup>+</sup>96, BBR<sup>+</sup>96, BSM01b, BHC<sup>+</sup>01, BD06, BK96b, BGMH01, CRD01, CBF01, CHV09, CBS<sup>+</sup>01, DVC14, DPS<sup>+</sup>14, DC06, FC01, GTTKB14, HLNO96, HF01, IAA96, JCF<sup>+</sup>06a, JCF<sup>+</sup>06b, LCD01, LMDW06, LB96, LM96, LCR<sup>+</sup>96, LM01, LBB<sup>+</sup>06, LLW01, MB96, MS01, MC06, MB01, MTK<sup>+</sup>14, MO96, MT96, NLHB01, NDG96, PWMC01, PTD<sup>+</sup>14, RPJ<sup>+</sup>06, RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TLW<sup>+</sup>94, WPLN96, WMS<sup>+</sup>96, WB96, WBBM01, WBML06, WBI<sup>+</sup>01, WOU06, YO96]. **Georgia** [JBVW12, LCE<sup>+</sup>23, MMH<sup>+</sup>08, WT12, YMMC11, APL<sup>+</sup>23, BJK<sup>+</sup>22, CWS<sup>+</sup>23, GSB<sup>+</sup>23, HKAM12, KWW04]. **GEOSAT** [WEB93]. **geoscience** [GDIK02]. **GEOSECS** [BDM<sup>+</sup>03, MPS<sup>+</sup>03]. **geospatial** [LB18].

**geostationary** [HF21]. **geostrophic**

[BB03, Cok16, GGLP02, MRM<sup>+</sup>12, PS20]. **Geotechnical**

[GBO01, MMM<sup>+</sup>00]. **geotechnics** [MMWM00]. **GEOTRACES**

[BAC<sup>+</sup>15, BSS15, FCW<sup>+</sup>15, HAF<sup>+</sup>15, JLL<sup>+</sup>15, JSBC15, LOA15, MHFM15, OL15, RSB<sup>+</sup>15, SSUB15, BHLS15, HMW<sup>+</sup>15, HAF<sup>+</sup>15, JM15, NESB<sup>+</sup>15, SML15, vdLCS<sup>+</sup>11]. **Geotraverse** [HTT15]. **Gerlache**

[ÁRR02, DÁSCP02, ME02, Fig02, GCR<sup>+</sup>02, HZL94, IMP<sup>+</sup>02, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, LAF<sup>+</sup>02, MTD<sup>+</sup>18, RVZ02, RJGBF02, VFS02, dCHdOF<sup>+</sup>18]. **gerlachei** [KL03]. **German** [BM15]. **germination** [SKM14a]. **germling** [VCM<sup>+</sup>14]. **Getting** [MCH<sup>+</sup>13]. **Ghanaian** [BMSBM<sup>+</sup>17]. **GHRSSST** [DIM<sup>+</sup>12, MDI<sup>+</sup>12, MDI<sup>+</sup>12]. **giant** [CBNR<sup>+</sup>09, MAR<sup>+</sup>17, OCG<sup>+</sup>09, PCL22]. **Giantism** [SLT<sup>+</sup>14]. **Gibbs** [BSJ13, CSGV13, CSCP13, CLJ<sup>+</sup>13, CLB13, DHST13, EQW<sup>+</sup>13, FVW08, KJB<sup>+</sup>08, LAJP13, MSW<sup>+</sup>13, PBB<sup>+</sup>13, YSAER25]. **Gibraltar** [PNLFS02, PNLF02, PNLFS03, RVJG<sup>+</sup>05, BAC<sup>+</sup>02, ELB<sup>+</sup>02, LDV<sup>+</sup>02, PNLF02, RVJG<sup>+</sup>02, SCGDL02, SWC<sup>+</sup>02, SABP<sup>+</sup>16]. **gigantea** [JLL<sup>+</sup>13]. **gigas** [FEB<sup>+</sup>13, NA13, Sei13, SFMG13, SGFP13, TS13]. **gilberti** [KVM025]. **GIS** [AKZL16]. **glaberrima** [EWF<sup>+</sup>18]. **Glacial** [ACFS02, HFM<sup>+</sup>02, LXWC21, LAT<sup>+</sup>18, Mun07, NGM<sup>+</sup>20, BL98, Ber24, DW15a, FAS<sup>+</sup>03a, FLMF07, GBC<sup>+</sup>05, HSS<sup>+</sup>12, LRM07, MK21, YKY<sup>+</sup>07, CMVS<sup>+</sup>10]. **glacial-Holocene** [GBC<sup>+</sup>05]. **Glacial-interglacial** [NGM<sup>+</sup>20, Ber24]. **glacial/interglacial** [LRM07]. **glacialis** [PCAS05, SRS<sup>+</sup>20]. **glacialis/marshallae** [PCAS05]. **glacially** [DBD03]. **glaciation** [BDE07, YK16]. **Glacier** [SMV<sup>+</sup>03, VSGM03a, VSGM03b]. **glaciers** [AMvD<sup>+</sup>12, GAL<sup>+</sup>12, GAL<sup>+</sup>20]. **GLAD** [WJR<sup>+</sup>16]. **gladius** [LPK<sup>+</sup>17]. **glass** [GJ11, NB10, SRS<sup>+</sup>20]. **glauconite** [Cha07, WC07a]. **glaucony** [AST07]. **Glider** [MLW<sup>+</sup>16, HDGM19, JR15, KMG<sup>+</sup>20, PO15, SRA<sup>+</sup>09, TBPS22]. **glider-detected** [PO15]. **gliders** [DLF09a]. **glimpse** [JSSW14]. **Global** [AS01b, ADK<sup>+</sup>15, BHJ99, BTS<sup>+</sup>08, DD06, DKP<sup>+</sup>17, GMR06, HWCT04, LPL<sup>+</sup>20, SBCH02, SE07, SAM<sup>+</sup>00, TSS<sup>+</sup>02, TBB<sup>+</sup>08, WCH<sup>+</sup>93, AGHS04, BBN97, BMML06, BSH<sup>+</sup>11, CFS<sup>+</sup>06, CH07, GHM<sup>+</sup>12, Gre01, GGSC03, GC07, Hei02, HK19, HMY11, JDL<sup>+</sup>12, KIY<sup>+</sup>05, LS17, LHX<sup>+</sup>22, LH15, MFH04, MTT<sup>+</sup>12, MDK<sup>+</sup>01, MRM<sup>+</sup>12, MGG<sup>+</sup>17, QQJ<sup>+</sup>21, SHA04, SMD06, TSW<sup>+</sup>09, WOS12, WLY<sup>+</sup>22, WR15, WLT20, YBRT17, ZHM<sup>+</sup>24, TFR<sup>+</sup>10]. **globally** [TTL<sup>+</sup>16]. **GLOBEC** [HWCT08, HD07, MLW<sup>+</sup>01, TSZ10, WAL<sup>+</sup>11, Ano07b, BLSW05, Eck94, HWCT11, HHP04, SF04, WBBM01, WBML06]. **globosa** [SLT<sup>+</sup>14]. **Glucose** [KMD<sup>+</sup>01]. **glues** [DD95]. **GMPE** [MDI<sup>+</sup>12]. **gnathophausiids** [LDBS<sup>+</sup>17]. **Go** [SHF<sup>+</sup>95, BRG<sup>+</sup>19]. **Go-Flo** [SHF<sup>+</sup>95]. **GO-SHIP** [BRG<sup>+</sup>19]. **GOAIERP** [DB16]. **GOAL** [MTG18]. **Goban** [HDF<sup>+</sup>01, HSM<sup>+</sup>01a, HCG<sup>+</sup>01]. **going** [KCZ<sup>+</sup>19]. **Golfingicola** [SM15]. **gonad** [GGRJD<sup>+</sup>10]. **gorbuscha** [ABC<sup>+</sup>05, MBC<sup>+</sup>09b]. **Gorda** [RSP<sup>+</sup>98, SB98, Bak98, CES98, CBB<sup>+</sup>98, FBL<sup>+</sup>98, FD98, JBS<sup>+</sup>98, KLLO98, MBF<sup>+</sup>98, WH98]. **gorgonians** [RVC<sup>+</sup>13a]. **Gorringer** [HC13]. **governance** [EHB19, GKB19, MGT<sup>+</sup>20]. **governed** [GKB<sup>+</sup>18, RBS<sup>+</sup>17b]. **governing** [CMRL11, DLF<sup>+</sup>09b, NRH<sup>+</sup>06, PVT<sup>+</sup>21]. **GPS** [HEW15]. **Gracilechinus** [GIPLL<sup>+</sup>14]. **gracilis** [HCAK17]. **gradient** [AMN<sup>+</sup>02a, BHS<sup>+</sup>19, GARVK04, JHHK14, LBE06, MS09, NFD<sup>+</sup>02, PA25, RSF<sup>+</sup>99, SLB18, SBH<sup>+</sup>02, TŠŠ<sup>+</sup>19, TMP<sup>+</sup>13]. **gradients**

[BV98, BY04, BASLK04, ECM<sup>+</sup>06, GNG<sup>+</sup>22, GLdS<sup>+</sup>09, Kli09, KVS<sup>+</sup>09, KNN<sup>+</sup>06, MGHN01, MBG09, OMS06, OBKA17, PO15, RJGBF02, SBB<sup>+</sup>11, TBSP<sup>+</sup>18, VTD<sup>+</sup>20, WZW<sup>+</sup>95, WGG98, Zon97]. **graduate** [CPM<sup>+</sup>18]. **grain** [Mil94b]. **grain-size** [Mil94b]. **grained** [JWCC99]. **grains** [WC07a]. **Grand** [DPK<sup>+</sup>14, DKP<sup>+</sup>14, PDK<sup>+</sup>14]. **Grande** [HCBL<sup>+</sup>17]. **grandis** [GW98]. **granulosus** [CGD<sup>+</sup>15, SLC<sup>+</sup>15]. **Grassle** [Lut09, SPS<sup>+</sup>09]. **gravel** [CHV09]. **gravity** [GOM<sup>+</sup>09, TWL<sup>+</sup>15, VT09]. **Gray** [BFS<sup>+</sup>17, BCKH07, CBK<sup>+</sup>07]. **Grays** [PCF<sup>+</sup>18]. **grazers** [NED09]. **Grazing** [ASH<sup>+</sup>11, DB97b, ML20, PF04b, SBB06, BMHR08, BGH99, BTUV08, CAMA<sup>+</sup>02, CAH<sup>+</sup>09, CTCDO5, CSA<sup>+</sup>09, CAS<sup>+</sup>16, CLSS15, DZBR95, DLR11, DVPR06, FWP<sup>+</sup>07, Fro04, Kla97, KLD21, LCK95, LBC<sup>+</sup>98, LDS<sup>+</sup>08, LST<sup>+</sup>11, LHD<sup>+</sup>22, LLB<sup>+</sup>00, LMG93, LYN<sup>+</sup>13, LLS<sup>+</sup>19, MTE<sup>+</sup>02, OT03, PTO<sup>+</sup>16, PAR<sup>+</sup>08, PKW07, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, RSW<sup>+</sup>00, SRHP23, SVC<sup>+</sup>08, SLT<sup>+</sup>11, SSH09, SSR13, SWG14, SF08, TB05, URDP01, VSSN96, YOK<sup>+</sup>10, YOO<sup>+</sup>10, YHK15, ZDWR95]. **great** [AAB<sup>+</sup>97, BEC<sup>+</sup>96, Beg18, BPM18, DSvR<sup>+</sup>18, EMEP18, EPHE18, FKS18, FBPG18, GDE<sup>+</sup>96, HKM00, HRM<sup>+</sup>18, MBG18, MB96, OGRdO18, Pas18, PvRR18, PHE<sup>+</sup>18, WAP<sup>+</sup>18, WAM<sup>+</sup>18, WWS02, vRPD<sup>+</sup>18]. **greater** [YWI<sup>+</sup>02]. **Greece** [TKP<sup>+</sup>20]. **Green** [OSCS04, TB98]. **Greene** [Ano97b]. **Greenland** [MW99, And00, BK99, CFK15, FPHH<sup>+</sup>09, GFS99, HSPS24, HMHY11, LGQ99, MCJ<sup>+</sup>99, NRM<sup>+</sup>99, RPB99, SDCH99, Tou99]. **Greenwich** [BFH<sup>+</sup>11, FHR<sup>+</sup>11, RPB02, WS11]. **Grenada** [MS18]. **grenadier** [MSW<sup>+</sup>13, RCCP13]. **Grey** [VHC<sup>+</sup>17, MCS07]. **grid** [TFP<sup>+</sup>16]. **gridded** [CMR<sup>+</sup>18]. **Gromia** [GBBS00, dSG09a]. **gross** [Ano97c, BDO00, LMM<sup>+</sup>97]. **Grotto** [RBXM15]. **Ground** [KSB<sup>+</sup>03, NKE11, MSB<sup>+</sup>03]. **groundfish** [GBS<sup>+</sup>22, GBP21, MCS<sup>+</sup>09, PSZ<sup>+</sup>19, UKM16, VCDAL14, ZRG16]. **groundfishes** [DMFB19]. **grounds** [GSC<sup>+</sup>19, KHT<sup>+</sup>20, NDD<sup>+</sup>14, PCF<sup>+</sup>18]. **Group** [BKS<sup>+</sup>10, MTG18, HLA<sup>+</sup>06, MGT16, DIM<sup>+</sup>12, LMB<sup>+</sup>98, MDI<sup>+</sup>12, BVL04]. **group-specific** [MGT16]. **groups** [BRJM18, CAGL13, DRVVS<sup>+</sup>14, KRHS20, MBMM<sup>+</sup>99, MKT<sup>+</sup>15, PAR<sup>+</sup>08, SWBKK10, SHY10]. **growing** [GDIK02]. **Growth** [AELP14, HCAK17, LLT<sup>+</sup>00, PB13, PFDD16, RQNO04, SPF10, SCD<sup>+</sup>22, STS11, VKG93, WBA<sup>+</sup>17, ARWM13, Arm03, AMK<sup>+</sup>05, Blu93, BHC<sup>+</sup>01, BFML<sup>+</sup>08, BKCV10, BD06, BES95, CD99, CLC<sup>+</sup>03, CHPF10, CMNO23, CWTJ03, Dal04, ER05, FCG<sup>+</sup>96, FJG<sup>+</sup>00, FNS20, GSMB01, GKBG17, HWK<sup>+</sup>14, JLB<sup>+</sup>99, JGM09, KUT<sup>+</sup>20, KKK<sup>+</sup>17, KM15, KMC05, KKUK10, KUN10, KLD21, KVS<sup>+</sup>09, LBC<sup>+</sup>98, LST<sup>+</sup>11, LPdR<sup>+</sup>14, LBE06, LCL<sup>+</sup>98, LZL<sup>+</sup>22, LAF<sup>+</sup>02, LBB<sup>+</sup>06, MBHP99, MBD<sup>+</sup>17, MSH<sup>+</sup>07, MBC<sup>+</sup>09b, NLY<sup>+</sup>13, OVKN11, OS02, ÖCB<sup>+</sup>04, PAM<sup>+</sup>04, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, PC08, PZT<sup>+</sup>19, RRL<sup>+</sup>14, RNB07, SRHP23, SRS<sup>+</sup>20, SF24, SBQ<sup>+</sup>02, SLA<sup>+</sup>01, SW01, SRFR07, SH16, SFW<sup>+</sup>13, VSM17, VSGGPR14, VFFM13, VM13, VKM<sup>+</sup>10, WZC<sup>+</sup>19, ZZP04, ZDW<sup>+</sup>20]. **grypus** [MCS07]. **Guangdong** [HZW<sup>+</sup>23]. **Guaymas** [PUP<sup>+</sup>07, Sot09, ZT00]. **Guéthary**

[CMP14]. **guild** [DND04, WBD17]. **Guilvinec** [EBM<sup>+</sup>25]. **Guinea** [BMSBM<sup>+</sup>17, GMR<sup>+</sup>09, OCG<sup>+</sup>09, VGSV09, VPA<sup>+</sup>09, vCO09]. **Gulf** [Ano97c, BMHR08, Blo02, BCB<sup>+</sup>18, BHSJ16, BSL08b, CBV<sup>+</sup>16, CM16a, CBPT05, DB16, DTP<sup>+</sup>05, EBGCL08, GPMS<sup>+</sup>16, LCH<sup>+</sup>09, MML06, MB08, OMAA18, PUP<sup>+</sup>07, QNL<sup>+</sup>16, SVJRSON04, SW08, Sot09, SYK<sup>+</sup>13, TDKA05, WC01a, ZT00, ALHP18, AISR<sup>+</sup>16, AAG06, AYN19, AYMSAS19, AHN23, AD08, ASK<sup>+</sup>05, AKK<sup>+</sup>05, AKK<sup>+</sup>14, ACK<sup>+</sup>14, Ano05a, Ano06c, ABS<sup>+</sup>14, ABC<sup>+</sup>05, AAW<sup>+</sup>16, BGIJ<sup>+</sup>06, BKP<sup>+</sup>19, BH08, BC05, BOHW22, BCN<sup>+</sup>16, BLM<sup>+</sup>10, BGB08, BHMK08, BSM01b, BT04, BPR<sup>+</sup>10, BWOR22, BMSBM<sup>+</sup>17, BAD<sup>+</sup>14, CTCD05, CB16, Car10, CRNP06, CJA<sup>+</sup>06, CH24, CWS05, CHV<sup>+</sup>15, CM16b, CCM15, Col16, CDM<sup>+</sup>16, CPH01, CBHF10, CP05, CHH19, Cra05, CAGLV<sup>+</sup>06, CBA<sup>+</sup>05, DMFD19, DMFB19, DHM<sup>+</sup>22, DGR02, DWBP13, DO19, DMH19, DPS<sup>+</sup>14, DC08, DGK10, DSO<sup>+</sup>00, DHS<sup>+</sup>09, DQC14, DM16b, DSC<sup>+</sup>19, DKI<sup>+</sup>00, DI00, Duc93]. **Gulf** [ESK<sup>+</sup>23, EBDL08, ER05, EWF<sup>+</sup>18, FLLGR04, FR10, FHR<sup>+</sup>14, FME<sup>+</sup>09, FA02, GLCP12, GMR<sup>+</sup>09, GOH<sup>+</sup>15, GLDCA<sup>+</sup>06, GPMZ<sup>+</sup>10, GPF16, GSC<sup>+</sup>19, GBS<sup>+</sup>22, GDAMS19, GKR<sup>+</sup>18, GKQ<sup>+</sup>05, GMPS04, HDK08, HHD<sup>+</sup>09, HLC<sup>+</sup>16, HMLS<sup>+</sup>06, HS05a, HGAB04, HCG<sup>+</sup>09, HPH<sup>+</sup>16, HSC<sup>+</sup>19, HKY<sup>+</sup>13, HNRGL06, HDJP05, JWO<sup>+</sup>09, JCP05, JD08, JASS02, JMSW05, JPC06, JTDG13, JBS<sup>+</sup>10, Joy16, JBÖ<sup>+</sup>16, KMLC<sup>+</sup>04, KAI21, KCMA05, KCA05, Kel10, KTP05a, KAM<sup>+</sup>14, Kli09, KLČ<sup>+</sup>19, LSC05, LMM<sup>+</sup>97, LSM<sup>+</sup>06a, LPPC<sup>+</sup>10, LPPCF10, LHM14a, LHM14b, LDGH16, LSH<sup>+</sup>24, LM13, LBD<sup>+</sup>22, LL14, LLG<sup>+</sup>16, LSWH07, LLK05, LTH05, MSH10, MPMD<sup>+</sup>06, MHB<sup>+</sup>23, MMS<sup>+</sup>16, MTK05, MMS<sup>+</sup>19, MPC99, MAST05, MALT05, MBC<sup>+</sup>14, MHTZ19, MHPS19, MO96, MHC<sup>+</sup>10, MMS25, MHSV18, MSK<sup>+</sup>19, MCS<sup>+</sup>09, MBC<sup>+</sup>09b, MZH16, MSB96, NOLASZ04, NRH<sup>+</sup>06, NR06, NWZL23, OMS06, OT10]. **Gulf** [OCG<sup>+</sup>09, OJK<sup>+</sup>10, OBH<sup>+</sup>19, PCB<sup>+</sup>00, PHH<sup>+</sup>16, PBGCD<sup>+</sup>13, PWH05, PTD<sup>+</sup>14, PCJ<sup>+</sup>05, PHK<sup>+</sup>14, PAM<sup>+</sup>14, PSZ<sup>+</sup>19, PSAY20, Pri06, QED<sup>+</sup>14, RT14, RMCAR06, RFJ10, RSH10, RSRL00, RPF<sup>+</sup>16, RQRVM10, RWN<sup>+</sup>08, RK08, RMNB08, RSR<sup>+</sup>00, Roy05, RGIH<sup>+</sup>06, RGL06b, RN06, RYT01, SCL<sup>+</sup>04, SVAGRCS04, SMR<sup>+</sup>06, SR08a, SVB<sup>+</sup>19, SVR<sup>+</sup>00, SRY04, SKD<sup>+</sup>16, SE24, SKM14a, SDB<sup>+</sup>19, ST13, SMBL19, SHFM01, SR08b, SCB<sup>+</sup>16, SBC<sup>+</sup>16, SGM<sup>+</sup>14, SCS<sup>+</sup>98, SSC<sup>+</sup>00, SMSA05, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, SMB<sup>+</sup>18, SFB16, SFB19, SPP22, Tho97, TTFJ13, TC06, TMC04, TBT05, TPT05, TMTR14, TLKT00, TB05, VGSV09, VPA<sup>+</sup>09, VALW23, VSR<sup>+</sup>00, WSS<sup>+</sup>08, WJS<sup>+</sup>10, WJR<sup>+</sup>16, Wil08, WC01b, YSMW05, ZHM<sup>+</sup>24, ZL23, ZDA<sup>+</sup>16, Zim19, ZDO19, vCO09]. **Gulfs** [GSdAMNMM04]. **Gully** [GPC14, KCM<sup>+</sup>14, MKKB14, MM14, SSG14]. **Günther** [KPBK08]. **Gurjanopsis** [MB07a, MB18]. **Gurjanova** [EGMB13, MGE13]. **gut** [WPFB11, YOO<sup>+</sup>10, YQMB20]. **Guyot** [VOK<sup>+</sup>24]. **Gwail** [HBCG14]. **Gymnocanthus** [GNB<sup>+</sup>17]. **Gymnodinium** [FRBB10]. **Gyre** [JPM99, AKBD13, Bat01, BTR20, CSH<sup>+</sup>13, CBF<sup>+</sup>16, EBB<sup>+</sup>08, FHR<sup>+</sup>11, GPCT23, HLG<sup>+</sup>21, HZT<sup>+</sup>06, KQ02, MML06, MSC04, MWF<sup>+</sup>19, MSS<sup>+</sup>02, NI10, RKHK<sup>+</sup>11, Ros99, AKH<sup>+</sup>02, CBF<sup>+</sup>13, Gol93, HdBB<sup>+</sup>02,

KBL01, KFHR05, LKL<sup>+</sup>13, SF99, TMW<sup>+</sup>05, vHHH<sup>+</sup>11]. **gyres** [BGKB06, KKNH02, MSC<sup>+</sup>19, TTLP06, GSW<sup>+</sup>09].

**H** [Ano97b, Ano97c, HLHW24, KLLO98, MPS<sup>+</sup>03]. **H3** [PC00]. **H3/M1** [PC00]. **HAB** [ACK<sup>+</sup>14, RMK<sup>+</sup>14]. **habit** [SNH<sup>+</sup>23]. **Habitat** [BFDB17, BNKJ23, DAB<sup>+</sup>18, EHK<sup>+</sup>20, HHMF11, LVP<sup>+</sup>17, PMF<sup>+</sup>17, PSZ<sup>+</sup>19, PTS17, SGPD<sup>+</sup>14, SLS17, SMV<sup>+</sup>13, SJJ19, AD08, ADK<sup>+</sup>15, AHB<sup>+</sup>17, BF14, BRBD17, BWH<sup>+</sup>17, BCF<sup>+</sup>04, BHBC08, BOH<sup>+</sup>04, CV17, CWEHT22, CW15, CWE<sup>+</sup>17, DHS<sup>+</sup>14, DVS<sup>+</sup>14, DW15b, EWF<sup>+</sup>18, FRH<sup>+</sup>98, GPCC<sup>+</sup>17, HCBL<sup>+</sup>17, HH03, IABR<sup>+</sup>17, JMM<sup>+</sup>13, KG20, LLD<sup>+</sup>17, LPD<sup>+</sup>17, LWJR22, LGP<sup>+</sup>15, MDTS11b, MPF<sup>+</sup>17, MSNL09, MM14, MST<sup>+</sup>14, PHE<sup>+</sup>18, PRORSV<sup>+</sup>19, PWB<sup>+</sup>06, PGM<sup>+</sup>15, PGPP<sup>+</sup>13, RDW<sup>+</sup>22, RCM<sup>+</sup>17, SDT<sup>+</sup>17, SRAs<sup>+</sup>24, ŠH11b, SCD<sup>+</sup>22, SFH<sup>+</sup>18, SSB<sup>+</sup>06, SBG<sup>+</sup>06, VGSV09, VMAW12, VSR<sup>+</sup>10, WMB<sup>+</sup>13, WL20, WNHF<sup>+</sup>15, YSAER25, YSMW05, YSBH06, YBRT17, ZRG16]. **habitats** [AP22, AMTE09, BvGH<sup>+</sup>17, BBLE24, BRBD17, BHSJ16, CHV09, DGT<sup>+</sup>17a, DCF<sup>+</sup>18, GSM<sup>+</sup>08, GBJ<sup>+</sup>15, HYMD11, HBC<sup>+</sup>12, JBS<sup>+</sup>10, KBFH14, LRL<sup>+</sup>22, MdSLH13, NRSL17, NLSL09, NDE14, NBCT13, PBO<sup>+</sup>11, RRT<sup>+</sup>17, RSB<sup>+</sup>17, RHPR15, ST07, SKdS<sup>+</sup>14, SJST13, VLP<sup>+</sup>17, YK05, ZLW<sup>+</sup>19]. **habits** [ABC<sup>+</sup>05, GNB<sup>+</sup>17, KHT<sup>+</sup>20]. **HABs** [Rai14]. **Hadal** [JFC18, JSWB21, BFB<sup>+</sup>18, CW18, JLL<sup>+</sup>13, Jam18, KBR18, LMLJ18, LS18, LWWF18, RLB18b, RJP18, SWL<sup>+</sup>18, XGF18]. **Hadd** [BMM<sup>+</sup>99]. **haddock** [BD06, LM96, LCR<sup>+</sup>96, WPLN96]. **HadGEM2** [TdFAL19]. **HadGEM2-ES** [TdFAL19]. **Haecker** [PPC<sup>+</sup>07]. **haemoglobin** [VPdP06]. **hagfish** [CHG15]. **Haida** [CBPT05, DFC05, HBCG14, JMSW05, MRC05, YC05]. **Hainan** [bLHsL<sup>+</sup>13, ZHY<sup>+</sup>13, LWSZ13]. **hake** [SSP14]. **Hale** [NCL13]. **half** [BCW03, CTBNL08, LPA<sup>+</sup>95]. **half-lives** [LPA<sup>+</sup>95]. **halibut** [Loh08]. **Halichoerus** [MCS07]. **halides** [MW06]. **halocarbons** [ALWW04]. **halocline** [AKH<sup>+</sup>02, GF97, MTT<sup>+</sup>12]. **halogenated** [ABC<sup>+</sup>04]. **halomethanes** [HTS<sup>+</sup>09]. **Halomonhystera** [GK16]. **halosaur** [KPBK08]. **Halosauropsis** [KPBK08]. **Hamilton** [LPZ<sup>+</sup>04]. **hand** [YKN07]. **hand-raised** [YKN07]. **Hanging** [HBCG14]. **Hanna** [ACG<sup>+</sup>17, DGT17b, LGHD20, LMM<sup>+</sup>17, MD17, WFW<sup>+</sup>17]. **happened** [AGL<sup>+</sup>19]. **haptophyte** [FGF<sup>+</sup>14]. **Harbor** [KSDE16, MS09]. **harbors** [BMB<sup>+</sup>18]. **Harbour** [BvGH<sup>+</sup>17, TFR<sup>+</sup>10, VHC<sup>+</sup>17, LPZ<sup>+</sup>04]. **Hard** [RVD<sup>+</sup>10]. **Hard-** [RVD<sup>+</sup>10]. **harengus** [Pro09]. **Harmful** [RBM14, BMR<sup>+</sup>14, SLT<sup>+</sup>14, Ste10]. **harmonics** [AVA23]. **harp** [FPHH<sup>+</sup>09]. **Harpacticoid** [Thi98, STFL<sup>+</sup>13]. **Harpacticoida** [AS01a, SLB18, VK04]. **harvest** [JR04, RH14]. **harvests** [FBB<sup>+</sup>13]. **hatchery** [WWB04]. **hatching** [CMNO23]. **Hattera** [SSV02]. **Hatteras** [AAG02, ASBM02, BH94, CLT94, CDL94, DCR94, GAC<sup>+</sup>02, LRV<sup>+</sup>02, MBB<sup>+</sup>02, MP94, RLVF02, TBA<sup>+</sup>02, BD94, Hec94, RH94, Wal94b]. **haulout** [VHC<sup>+</sup>17]. **having** [IUdV<sup>+</sup>12]. **Hawai'i** [DNK<sup>+</sup>08, KND<sup>+</sup>08, NKD<sup>+</sup>08, TD16, BL96, CFJL96, CCW<sup>+</sup>08, Chi96,

CW15, CBT01, ESW<sup>+</sup>16, EFR<sup>+</sup>16, KL96a, KL96b, LSM96, Mah16, MBNRB08, Mit96, MTDK98, RAL<sup>+</sup>01, SKM01]. **Hawaiian** [DVS<sup>+</sup>14, CRJB08, KM96, Mah16, MBK08, NSMBN08, RBN<sup>+</sup>08, VMM<sup>+</sup>08]. **head** [OACA19, PGM<sup>+</sup>15, RGS<sup>+</sup>15, SW08, SR08b, WC07a]. **HeardMap** [FG07]. **hearing** [EF98]. **Heat** [Cra05, KDU<sup>+</sup>10, MMXS02, RJP18, SJM02, BOHW22, BCBF03, CL15, DAA<sup>+</sup>20, DM25, DZ08, DRS10, FHR<sup>+</sup>11, FWR<sup>+</sup>02, HWP<sup>+</sup>11, HFP94, KAW<sup>+</sup>16, KIS02, LBM98, MS12, MSB96, RS02, RBXM15, RFHL99, SE96, SWC<sup>+</sup>02, SMB02, SWLL23, SBS<sup>+</sup>02, VGF02, WDD<sup>+</sup>22, WZW<sup>+</sup>22]. **Heat-shock** [RJP18]. **heating** [PLRV22, WTSP07]. **heatwave** [MCH22, SE24]. **heatwaves** [HSSH23, QQJ<sup>+</sup>21, YWW23]. **heavens** [GBI10]. **Heavy** [Kos01, OPV11, KFW01]. **Hebrides** [LMLJ18]. **Height** [DKdS<sup>+</sup>03, LBB11, WP17]. **heights** [Mit96]. **Heinrich** [CMAO<sup>+</sup>12]. **helgolandicus** [UFAK06]. **helicina** [BTFB12, BJF16, PTM<sup>+</sup>16]. **helium** [JLL<sup>+</sup>15]. **hemisphere** [LBM09, BCH<sup>+</sup>19, YK16]. **hemoglobin** [DZL<sup>+</sup>17]. **her** [CPM<sup>+</sup>18]. **Herald** [PPT<sup>+</sup>10]. **herbivore** [Ant10]. **herbivorous** [BEJS93]. **herbivory** [CDL<sup>+</sup>00, EBS99, OS02, RPAD99, TRWB99, YJL16]. **Hercules** [WPB<sup>+</sup>16]. **hermaphroditism** [TMBTS09]. **Herring** [SNMH18, ASF<sup>+</sup>16, BE18, GKR<sup>+</sup>18, GBP21, HSBT19, LB18, LSHB09, MKS<sup>+</sup>20, MHSV18, Pro09, SMB<sup>+</sup>18, SPP22, TKF07]. **Hessler** [KBK<sup>+</sup>18, PWCL98, SLM98]. **heterobran** [CC13]. **Heterobranchia** [CC13, CKFC18, CSE<sup>+</sup>22]. **Heterocapsa** [SAKP<sup>+</sup>22]. **Heterogeneity** [SDB<sup>+</sup>18, BG94, DVS<sup>+</sup>14, MHA<sup>+</sup>15, MARFP08, PPA10, PE17, SL94, VGSV09]. **Heteronemertea** [CAK15]. **heteronemertean** [CP22]. **Heteropoda** [JBOH10]. **heterothally** [FRBB10]. **Heterotrophic** [DSC<sup>+</sup>01, HRM<sup>+</sup>06, KKK<sup>+</sup>17, SSF97, ZSB01, CKJ<sup>+</sup>16, DMC<sup>+</sup>01, HKY<sup>+</sup>16, JWC09, KSH<sup>+</sup>09, KRB95, KHC<sup>+</sup>09, KMO<sup>+</sup>10, KSS00a, LLS<sup>+</sup>19, PLT<sup>+</sup>13, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, PAVGBG02, SBSH99, SIS<sup>+</sup>02, SIFS10, TR02, VSS<sup>+</sup>93, VBC<sup>+</sup>95, ZXLL10, ZDA<sup>+</sup>16, ŽSN<sup>+</sup>18]. **heterotypic** [BKS<sup>+</sup>10]. **hexachlorocyclohexane** [JKB04]. **hexactinellid** [HCBL<sup>+</sup>17, TGU<sup>+</sup>06]. **Hexactinellida** [GJ11, JTT04, KGB<sup>+</sup>14]. **hexafluoride** [LWLS98]. **hexosamines** [GK02]. **HF** [KL06, SP09, YSWJ16, CRS<sup>+</sup>19]. **Hidden** [RHK<sup>+</sup>10, TMC<sup>+</sup>14, MMS25, BIH10]. **hierarchical** [KG20]. **High** [BSM01b, BCKH07, CJM<sup>+</sup>22, DIM<sup>+</sup>12, DJCF09, DLB02, ESK<sup>+</sup>23, GDE<sup>+</sup>96, KLY<sup>+</sup>15, KN97, LB07, LDGH16, MDI<sup>+</sup>12, MTG18, MGK19, NSvH<sup>+</sup>11, NHD11, RSW<sup>+</sup>13, RGS<sup>+</sup>97, RMPI<sup>+</sup>17, SC10, SKK<sup>+</sup>16, UY04, VVM<sup>+</sup>12, VT09, WMB<sup>+</sup>13, WP00, YMMC11, AELP14, BCT21, BKY<sup>+</sup>17, Car07, CLB96, Cha03, CWdE99, DMC<sup>+</sup>17, Dri09, DSC<sup>+</sup>01, FPLB<sup>+</sup>08, GAP<sup>+</sup>06, GBP00, GLK<sup>+</sup>06a, GPC14, GKGW22, HBT<sup>+</sup>08, HZW<sup>+</sup>23, IMP<sup>+</sup>02, KIY<sup>+</sup>05, LRN<sup>+</sup>14, LGF03, LEP14, LBM09, LMG93, LHX<sup>+</sup>22, LAPL<sup>+</sup>16, MCH<sup>+</sup>13, MCSF15, MBB<sup>+</sup>02, OCP18, PCT18, PMLM<sup>+</sup>02, PHD<sup>+</sup>11, PZL<sup>+</sup>09, Qué13, RAC<sup>+</sup>20, SLdB<sup>+</sup>15, SAG<sup>+</sup>10, SBS<sup>+</sup>00, SKD<sup>+</sup>16, SLP<sup>+</sup>09, SKL<sup>+</sup>22, SFPH<sup>+</sup>08, SFB16, TRM<sup>+</sup>07, WWN<sup>+</sup>02, YLG<sup>+</sup>18, ŽSN<sup>+</sup>18, DGT17b, MZG<sup>+</sup>24]. **high-Antarctic** [GAP<sup>+</sup>06]. **high-Arctic** [SFPH<sup>+</sup>08]. **high-chlorophyll**

[TRM<sup>+</sup>07]. **high-definition** [MCH<sup>+</sup>13]. **high-frequency**  
 [BCT21, GPC14, HZW<sup>+</sup>23, SLP<sup>+</sup>09]. **High-latitude**  
 [MGK19, Car07, Dri09, GKGW22, LBM09, SKL<sup>+</sup>22]. **high-nitrate** [LGF03].  
**high-pressure** [LAPL<sup>+</sup>16]. **high-productivity** [IMP<sup>+</sup>02]. **High-resolution**  
 [BSM01b, CJM<sup>+</sup>22, DJCF09, GDE<sup>+</sup>96, SC10, VT09, WMB<sup>+</sup>13, YMMC11,  
 AELP14, BKY<sup>+</sup>17, GBP00, GLK<sup>+</sup>06a, HBT<sup>+</sup>08, KIY<sup>+</sup>05, LHX<sup>+</sup>22,  
 MCSF15, PMLM<sup>+</sup>02, RAC<sup>+</sup>20, SBS<sup>+</sup>00]. **high-temperature**  
 [PZL<sup>+</sup>09, SLdB<sup>+</sup>15]. **high-throughput** [LEP14]. **higher**  
 [BLSW05, NBBBT13, OYK15, OKY<sup>+</sup>17, OJK<sup>+</sup>10, Pon07, SA15b]. **highlight**  
 [HRT14, LVP<sup>+</sup>17]. **highlights** [WKLM15]. **Highly**  
 [CBV<sup>+</sup>16, BS05, BS06, JSP<sup>+</sup>17, KCY<sup>+</sup>16, LLD<sup>+</sup>17, LPD<sup>+</sup>17, MAA<sup>+</sup>04,  
 MAA<sup>+</sup>05, RMBW07, TCG<sup>+</sup>18]. **highs** [RV00]. **Hiiumaa** [SSAF02, ASS02].  
**Himalayan** [NGM<sup>+</sup>05]. **Himalayas** [HKFL03]. **Himawari** [HF21].  
**Hindcast** [AKZL16]. **hindcasting** [HSHM02]. **hindcasts** [HGB<sup>+</sup>13]. **Hints**  
 [BJP<sup>+</sup>22]. **Hippoglossoides** [DKP<sup>+</sup>14]. **Hippoglossus** [Loh08].  
**Hippolytidae** [NCL13]. **hippurus** [TMGLM19]. **Hirudinida** [UC13].  
**historic** [Kos01]. **Historical**  
 [ARWM13, ASBR17, BBR<sup>+</sup>96, DBC<sup>+</sup>19, EEAA<sup>+</sup>19, LBB11, WH98, Wil98,  
 BA02, KY17, MBG18, MAH<sup>+</sup>12, RJ05, ZDO19]. **historically** [KAHS20].  
**histories** [CMC11, IDSM04, Vri09]. **history** [BCG<sup>+</sup>22, BDG<sup>+</sup>04, CKS05,  
 DM16b, DSC<sup>+</sup>19, Gag04, HiII<sup>+</sup>19, HiII<sup>+</sup>20, HPH<sup>+</sup>16, KCMT<sup>+</sup>20, Man94,  
 MF93a, MDG13, NA09, PSS<sup>+</sup>16, RS15, SI09, SDB<sup>+</sup>19, SHC<sup>+</sup>22, Tho04].  
**HNLC** [HCG<sup>+</sup>09, LST<sup>+</sup>11, LGO08, MBS<sup>+</sup>13, WCY05]. **HNLCLSi**  
 [LSS<sup>+</sup>11, PHS<sup>+</sup>11b]. **Hole** [KOS<sup>+</sup>16, KKT16, SKS<sup>+</sup>16, TSOT16, FMWD07].  
**Holes** [Kos<sup>+</sup>16]. **Holocene**  
 [ASV18, BGH<sup>+</sup>19, EBM<sup>+</sup>25, GBC<sup>+</sup>05, HTD00, Led93, LXWC21, MA05,  
 MMSS14, PDBH03, RIHGS00, SSR<sup>+</sup>14, WC07a, YKY<sup>+</sup>07]. **holothurian**  
 [GTSC08, GRB<sup>+</sup>17, OKH<sup>+</sup>22]. **holothurians** [FBBW<sup>+</sup>10, RKM23a].  
**Holothuroidea** [MP17]. **holozooplankton** [BHK<sup>+</sup>10]. **Homalorhagida**  
 [AM15]. **homothally** [FRBB10]. **Honey** [PFPJ<sup>+</sup>09]. **honor**  
 [Lut09, Lut15, Won15]. **Hood** [Goe02]. **hooded** [FPHH<sup>+</sup>09].  
**Hoplonemertea** [CP18a, CK24]. **hoplonemertean** [CP22]. **horizon**  
 [RH07, Joy16, LLG<sup>+</sup>16, PFDD16, QNL<sup>+</sup>16, SEM16, SAW16, ULTL16,  
 WZL<sup>+</sup>16, YNG<sup>+</sup>16, ZA16, ZJA16]. **Horizontal**  
 [CLC<sup>+</sup>20, GGF<sup>+</sup>08, HCBP97, MY99, MRLL01, Mun14, Mun16, PBN10,  
 WAL<sup>+</sup>11, BFDB17, DL01, FGF<sup>+</sup>14, FGH<sup>+</sup>13a, FSGV<sup>+</sup>09, GGTMG<sup>+</sup>10,  
 KBSS93, LDX<sup>+</sup>23, MMY<sup>+</sup>20, Uml05]. **hormones** [BFSK08]. **Host**  
 [MAR<sup>+</sup>17, BCE18, MNB02, TBSP<sup>+</sup>18]. **host-parasite** [TBSP<sup>+</sup>18]. **hosted**  
 [Rai11]. **HOT**  
 [KM96, KL96a, Ano06g, AZYT16, GS06a, PBFS06, ZKSS06, CBT01, Fir96].  
**hotspot**  
 [BSH<sup>+</sup>11, KMMS18, LBSB<sup>+</sup>17, LAP<sup>+</sup>17, OPDM11, PUB<sup>+</sup>06, RSR<sup>+</sup>19].  
**hotspots**  
 [HFD<sup>+</sup>23, JHS<sup>+</sup>17, POI17, PWB<sup>+</sup>06, RB06, SBG<sup>+</sup>06, WC24, YSBH06].

**hours** [DZY<sup>+</sup>01]. **HOV** [NKB<sup>+</sup>18]. **Howard** [BDG<sup>+</sup>04]. **Howe** [ANS<sup>+</sup>11, DLHH11, Har11, KBW<sup>+</sup>11, NHD11, PWN<sup>+</sup>11, RHD<sup>+</sup>11, WACGH11, ZRC<sup>+</sup>11]. **HPLC** [ABKL96, ESK06, FHYI03, LB98a, RVZ02, WvdE00, WvdEP<sup>+</sup>10]. **HPLC-analyzed** [LB98a]. **HPLC-derived** [FHYI03]. **Huanghe** [KW03]. **Hudson** [PGM<sup>+</sup>15, RGS<sup>+</sup>15]. **human** [BMRP02, DRR<sup>+</sup>14, HON<sup>+</sup>13, KFS<sup>+</sup>17, LWL<sup>+</sup>16, SAG<sup>+</sup>10, SLD<sup>+</sup>13]. **human-occupied** [KFS<sup>+</sup>17]. **Humboldt** [Ant10, AGAB19, EPPR09, GQ09, MHG<sup>+</sup>04, ML04, OCT<sup>+</sup>19, QLU09, SRF09b]. **HUMMA** [SC16]. **Humpback** [BJK<sup>+</sup>22, MHSV18, SMB<sup>+</sup>18]. **hunters** [KR07]. **hunting** [HNB<sup>+</sup>13, RH14]. **Hurricane** [WBI<sup>+</sup>01]. **huxleyi** [ESA<sup>+</sup>09, EAS<sup>+</sup>09, HPN<sup>+</sup>12, OS02, RHL<sup>+</sup>16, TTA<sup>+</sup>16]. **Hyas** [GKBG17]. **hybrid** [Arm03, NSMBN08]. **hybrid-type** [NSMBN08]. **hybridization** [MGT16]. **HYCOM** [WJR<sup>+</sup>16, ZHM<sup>+</sup>24]. **hydro** [DJC<sup>+</sup>14]. **hydro-sedimentary** [DJC<sup>+</sup>14]. **Hydroacoustic** [FD98]. **Hydrocarbon** [AAW<sup>+</sup>16, BCN<sup>+</sup>16, BLM<sup>+</sup>10, Car10, GPMS<sup>+</sup>16, GBB<sup>+</sup>17, HRM<sup>+</sup>18, MSH10, NEO<sup>+</sup>07, ULH<sup>+</sup>21, WB09]. **hydrocarbon-degrading** [BCN<sup>+</sup>16]. **hydrocarbon-seep** [BLM<sup>+</sup>10]. **hydrocarbons** [Cri95, HTPM14, HT17, LTS<sup>+</sup>97, LLG<sup>+</sup>16, MRP<sup>+</sup>17, OJK<sup>+</sup>10, PSP<sup>+</sup>09, SSP<sup>+</sup>09, WSS<sup>+</sup>08, WZL<sup>+</sup>16]. **Hydrochemical** [YCD<sup>+</sup>06]. **Hydrodynamic** [BSSK<sup>+</sup>08, CLW<sup>+</sup>23, VALW23]. **hydrodynamics** [CBBM12, DM16a, LHM14b]. **Hydrogen** [WWcW<sup>+</sup>15, CWdE99, LLL<sup>+</sup>15, RTC06, VCO<sup>+</sup>15, YS01]. **hydrogenous** [GNT<sup>+</sup>17]. **Hydrographer** [NKB<sup>+</sup>18]. **Hydrographic** [BLSS10, Cam18, CFKS05, CFS09, CMB12, LHKHH10, ONSSVGR04, PP95, Roy05, ADGA01, BS05, BS06, CSZ<sup>+</sup>25, CRNP06, CM99b, GCJ<sup>+</sup>00, JPM99, KC03, KTL<sup>+</sup>00, LSHP01, MHB05, MCG<sup>+</sup>98, MGC<sup>+</sup>01, OSCI04, PWTH15, PCJ<sup>+</sup>05, SVJRSON04, SMPSPG<sup>+</sup>04, SHY<sup>+</sup>08, VT09, Wea93, WSLP10, WFW<sup>+</sup>17]. **hydrographical** [SKMDR02]. **Hydrography** [KK20, KBVM13, LSU04, WPL<sup>+</sup>15, AGM<sup>+</sup>93, ADGA05, ADGA06, ADG<sup>+</sup>08, ACG<sup>+</sup>17, BG09a, BW99b, CC03, CLL<sup>+</sup>03, DSW20, FLTCV10, FM03c, FPW02, GDE<sup>+</sup>96, GMMS05, HLM<sup>+</sup>01, LWA<sup>+</sup>04, LDW22, OM98, ÖHÜ<sup>+</sup>93, SSG14, SRB<sup>+</sup>11, SPD<sup>+</sup>11, VPK<sup>+</sup>19, VHT<sup>+</sup>20]. **hydroids** [ABB<sup>+</sup>01, BSJ13, BHC<sup>+</sup>01, CR06, Can06, CBS<sup>+</sup>01, MBH<sup>+</sup>96, PRSS23, SC15]. **Hydrolagus** [KM15]. **Hydrologic** [HM14]. **hydrological** [HNRGL06, WCL<sup>+</sup>15b]. **hydrology** [CFL<sup>+</sup>99, SGM<sup>+</sup>02]. **hydrolyses** [ZA16]. **hydrolysis** [TGRB02]. **hydrophone** [BCT21]. **hydrostatic** [TGRB02, TGG<sup>+</sup>09, ŽSN<sup>+</sup>18]. **Hydrostation** [MK96]. **Hydrosweep** [SSHB03]. **Hydrothermal** [GOH<sup>+</sup>15, Hol96, Ala22, Bak98, BBG15, BSX<sup>+</sup>15, BT15, CSE<sup>+</sup>22, CL15, DSG<sup>+</sup>09b, EMV09, FBL<sup>+</sup>98, GFS15, HRS<sup>+</sup>23, HTT15, HSZS17, iTT<sup>+</sup>15, JBS<sup>+</sup>98, KB15, KLLO98, KCD<sup>+</sup>17, KM98, LBM98, LMKL09, LRL<sup>+</sup>22, LCK<sup>+</sup>18, LDSV98, MG22, MTB09, MCH<sup>+</sup>13, MBF<sup>+</sup>98, MCB<sup>+</sup>15, MHFM15, MS18, MSNL09, MFS<sup>+</sup>23, MTDK98, MMG98, NCK<sup>+</sup>22, OGG<sup>+</sup>15, Phi17, PPFS17, RDV<sup>+</sup>09, SSK<sup>+</sup>23, SLdB<sup>+</sup>15,



SFV<sup>+</sup>98, SRS<sup>+</sup>15, SL15b, SBM<sup>+</sup>13, Sot09, TTD13, ULH<sup>+</sup>21, VB98, ZJFV15].  
**hydrothermally** [RKM<sup>+</sup>23b]. **hydroxycarboxylic** [ÖCB<sup>+</sup>04]. **Hydrozoa**  
 [BSJ13, Ste13, SC15]. **hydrozoans** [GPCC<sup>+</sup>17, PRSS23].  
**Hyperbionychidae** [BG10]. **Hyperbionyx** [BG10]. **Hyperiidæ** [WT12].  
**hypersaline** [ABG<sup>+</sup>20, AYMSAS19]. **hypnozygote** [KTP05a]. **hypotheses**  
 [BFF94, PSUH<sup>+</sup>16, SMSA05]. **Hypothesis**  
 [FLMF07, APLW09, IPLCHRM19, KBL01, MDTS08, SAA<sup>+</sup>17]. **Hypoxia**  
 [KLČ<sup>+</sup>19, TTDR13, DCSV19, YZZ<sup>+</sup>16]. **hypoxic** [GKB<sup>+</sup>18].

**I10** [SWCB02, WSFB02]. **I10/IR6** [SWCB02, WSFB02]. **IAEA'97**  
 [HAP03, PLS<sup>+</sup>03]. **IAPSO** [Ano06e]. **IAPSO/SCOR** [Ano06e]. **Iatá**  
 [KFS<sup>+</sup>17]. **Iatá-piúna** [KFS<sup>+</sup>17]. **Iberia** [ASB<sup>+</sup>02]. **Iberian**  
 [BFF<sup>+</sup>10, IBK<sup>+</sup>11, FA02, PNC<sup>+</sup>06, RRT<sup>+</sup>17, SSP14, SGI<sup>+</sup>19]. **Ice**  
 [Ano06b, CA06b, DEJ08, DYEJ08, ECS<sup>+</sup>17, HMHY11, KB99, MLW<sup>+</sup>16,  
 PAR<sup>+</sup>08, SIA<sup>+</sup>05, SE95, SYZ<sup>+</sup>24, Tou99, UW99, Ald95, ADBW16, Ano95b,  
 AvD04, ALvD12, APP<sup>+</sup>14, BK99, BCE<sup>+</sup>07, BBLS14, BSS20, BFH<sup>+</sup>11,  
 BLB<sup>+</sup>11, BCVCHW04, BRSIW95, BW99b, BBD<sup>+</sup>03, BES95, BOP95,  
 CAS<sup>+</sup>16, CDRA08, CCL<sup>+</sup>14, CMNM16, CLGM05, CJF<sup>+</sup>12, CSG<sup>+</sup>13,  
 CFL<sup>+</sup>16, Cri95, DF16, DNM<sup>+</sup>16, DSN<sup>+</sup>10, DGA<sup>+</sup>11, DC12, DKGT04, DI00,  
 DCF<sup>+</sup>18, EGG<sup>+</sup>05, FAC<sup>+</sup>24, FGW02, FHvFM08, FvFC<sup>+</sup>11, FMS08,  
 FWM<sup>+</sup>11, FMWD07, GP08, GLW<sup>+</sup>97, GFS99, Gra09, GBI10, GBD<sup>+</sup>11,  
 HNW<sup>+</sup>08, HCL<sup>+</sup>22, Heb00, HHW<sup>+</sup>08, HMAW11, HSR<sup>+</sup>16, HH20, HK08,  
 HP08, HNB<sup>+</sup>13, HEW15, HVBO08, HBO11, IIM02, IGP<sup>+</sup>06, JSM<sup>+</sup>16,  
 JLY<sup>+</sup>16, JDL<sup>+</sup>12, JVL<sup>+</sup>16, KT05, KCZ<sup>+</sup>19, KMM<sup>+</sup>08, KAHS20, KHL<sup>+</sup>15,  
 KWT<sup>+</sup>16, KSM<sup>+</sup>11, KBF<sup>+</sup>08, KFKZ24, LLK<sup>+</sup>16, LS14a, LCvdM<sup>+</sup>16, LT16,  
 LKJ<sup>+</sup>15, LTW<sup>+</sup>11, LFC16, LvDA14, LDW22]. **ice**  
 [MW99, McP08, MNG<sup>+</sup>11, MGH<sup>+</sup>16, MTK<sup>+</sup>18, MSV<sup>+</sup>17, MDT<sup>+</sup>08,  
 MGC<sup>+</sup>14, MWB95, NRS14, NCCR<sup>+</sup>12, NVBJ08, NSWY20, NYH<sup>+</sup>20,  
 NTS<sup>+</sup>11, OACA19, ORFA<sup>+</sup>14, OCKA<sup>+</sup>11, PSA14, PCL22, PEC<sup>+</sup>04,  
 PPF<sup>+</sup>15, RHK<sup>+</sup>10, RPB99, RPB02, RCF<sup>+</sup>08, RHPC<sup>+</sup>19, RHB<sup>+</sup>95, RQNO04,  
 RCF<sup>+</sup>16, RFHL99, SCM<sup>+</sup>02, SBM16, SGGW11, SSWM18, SvDMC<sup>+</sup>16,  
 SAVP12, SSMM<sup>+</sup>08, SSHM<sup>+</sup>08, SRW<sup>+</sup>10, SLA<sup>+</sup>01, SHWW22, SRB<sup>+</sup>11,  
 SSR13, SRF95, SET<sup>+</sup>09, SZH20, ŠHW<sup>+</sup>04, SK02, SBG<sup>+</sup>03, SMS<sup>+</sup>08,  
 SPB<sup>+</sup>14, SMSI08, SMH<sup>+</sup>11, SWH08, SHW<sup>+</sup>16, SKM<sup>+</sup>14b, SESS08, TRH<sup>+</sup>08,  
 TOSH08, TWD<sup>+</sup>08, TLP<sup>+</sup>12, THV<sup>+</sup>99, TMT<sup>+</sup>11, THT11, TML<sup>+</sup>16, TKF16,  
 TNBL95, UWvdE<sup>+</sup>16, VTA<sup>+</sup>11, VMI<sup>+</sup>08, WW99, WSE<sup>+</sup>16, WYOS18,  
 WLY<sup>+</sup>22, WLA11, WPW95, WTT<sup>+</sup>20, WNRM08, WMA11, WSL<sup>+</sup>11,  
 WvdE00, WBA03, XAY<sup>+</sup>11, ZAC<sup>+</sup>15, vdMLB<sup>+</sup>11, WLA11]. **ice-covered**  
 [CDRA08, DC12, KSM<sup>+</sup>11, MGC<sup>+</sup>14, RHPC<sup>+</sup>19, RFHL99, SSMM<sup>+</sup>08].  
**ice-edge** [BBD<sup>+</sup>03, DKGT04, MWB95, UW99]. **ice-face** [SRB<sup>+</sup>11]. **ice-free**  
 [DI00, SCM<sup>+</sup>02]. **ice-melting** [HCL<sup>+</sup>22]. **Ice-ocean** [UW99]. **Ice-rafted**  
 [SIA<sup>+</sup>05, CLGM05, DF16, Heb00]. **ice-shelf** [GBD<sup>+</sup>11]. **ice/ocean** [McP08].  
**Iceberg** [CMK<sup>+</sup>18, Rai11, KR11, SSG<sup>+</sup>11]. **Iceberg-hosted** [Rai11].  
**iceberg-relative** [KR11]. **Icebergs** [SSH<sup>+</sup>11, CVF11, HKSV11, HSM11,

KRS<sup>+11</sup>, LRH<sup>+11</sup>, MRE<sup>+11</sup>, MPTW11, RVS11, REWH11, SRH<sup>+11</sup>,  
 SRB<sup>+11</sup>, SHM<sup>+11</sup>, SSS<sup>+11</sup>, Smi11, SL11, VSC<sup>+11</sup>]. **icebreaker** [EF98].  
**Iceland** [RPB99, DKP<sup>+14</sup>, DONF08, JGM09, SMB<sup>+93</sup>]. **Icelandic**  
 [AGJ07, RAT<sup>+13</sup>]. **ICESat** [XAY<sup>+11</sup>]. **ICESCAPE**  
 [Arr15, Arr16, PPF<sup>+15</sup>]. **ichthyofauna** [ZRC<sup>+11</sup>]. **Ichthyoplankton**  
 [HNM<sup>+20</sup>, MBO07, SRS11]. **Idas** [TMBTS09]. **idea** [MS06b]. **idealized**  
 [CDJ<sup>+22</sup>, JDL<sup>+22</sup>, Thi05, WZZ<sup>+23</sup>]. **ideas** [SPS<sup>+09</sup>]. **Identification**  
 [AKK<sup>+05</sup>, BHK<sup>+10</sup>, DCS<sup>+18</sup>, EPK<sup>+10</sup>, FGB10, MGT16, PPR<sup>+20a</sup>].  
**identified** [CMR<sup>+18</sup>, HZW<sup>+23</sup>]. **identify**  
 [LWSA08, MT98, SHB14, WBCB06]. **Identifying**  
 [GBC<sup>+13</sup>, LVP13, PRDB<sup>+17</sup>, RB06]. **identity** [OGBF08]. **if**  
 [Ano17f, Ano17g, Ano17h]. **II**  
 [AN06, Ano95b, Ano96f, Ano97b, Ano97c, ADGA06, BS06, CC00,  
 CM16a, CBF<sup>+16</sup>, DTWW21, ENM<sup>+16</sup>, EWA<sup>+03a</sup>, ELG<sup>+22a</sup>, FH09, GAL<sup>+20</sup>,  
 HOD<sup>+09</sup>, HiI<sup>+20</sup>, LLM<sup>+03</sup>, MCS<sup>+03</sup>, MAA<sup>+05</sup>, Mun16, NHS<sup>+09</sup>, PNLFS03,  
 RDL<sup>+09</sup>, RVJG<sup>+05</sup>, RSCFT<sup>+16</sup>, RAF<sup>+14a</sup>, RDC<sup>+18a</sup>, STN<sup>+09</sup>, SvdMC<sup>+16</sup>,  
 SSK<sup>+07</sup>, SMGB03, UWTS09, VSGM03a, WJD<sup>+00a</sup>, YOI<sup>+09</sup>, Ano96d,  
 ANI09, BA94, Bis94, BFF94, CVM<sup>+01b</sup>, CLJ<sup>+13</sup>, DD15b, DJCF09, DBC<sup>+02</sup>,  
 EAS<sup>+09</sup>, FC01, GHS09, HLR<sup>+09</sup>, HS13, HTS<sup>+09</sup>, HKN<sup>+09</sup>, HWCT08,  
 HZL94, KTP<sup>+20b</sup>, KSH<sup>+09</sup>, KWN<sup>+09</sup>, Kem94, KGdC<sup>+18</sup>, KNC<sup>+09</sup>, LCS16,  
 LPD<sup>+17</sup>, LAB<sup>+17</sup>, LLK<sup>+09</sup>, MTGY05, MJW<sup>+06</sup>, MDTS11b, MLS<sup>+06</sup>,  
 MLBB14, MHP<sup>+07</sup>, NOT<sup>+09</sup>, NTK<sup>+09</sup>, PLA<sup>+17</sup>, RSH10, STF09, SH99b,  
 SSUB15, Sei13, SS05b, SSI<sup>+09</sup>, TBC<sup>+17</sup>, TSZ10, TP02b, TSMS09, TNS<sup>+09</sup>,  
 TDKA05, VQ97b, VCG<sup>+20</sup>, WDFK<sup>+22</sup>, WTCB09, CDB94]. **III**  
 [ISB<sup>+11</sup>, NVBJ08, Ano96l, Ano06d, Arr16, BBB<sup>+07</sup>, BKS<sup>+10</sup>, FL04,  
 LAJP13, LS14b, MSJ<sup>+06</sup>, NKD<sup>+08</sup>, PTD<sup>+17</sup>, SA03, CHU<sup>+00</sup>]. **iii-xi**  
 [Ano96l]. **IIOE** [BHT22, HB19, HBVG20, HBVG22, HBSV24, HBV19].  
**IIOE-2** [BHT22, HB19, HBVG20, HBVG22, HBSV24, HBV19]. **IIOE2**  
 [RT20]. **IIOE2-WIOURI** [RT20]. **image**  
 [Ano17f, Ano17g, Ano17h, LDHO<sup>+14</sup>]. **imaged** [GTB15]. **imager** [HZZ10].  
**imagery** [BY04, DNH<sup>+02</sup>, HEW15, KI18, SBH<sup>+01</sup>, UY04]. **images**  
 [KCTG16, MCH<sup>+13</sup>, NR06, TAB<sup>+16</sup>]. **Imaging**  
 [HSM11, LCW<sup>+07</sup>, BSX<sup>+15</sup>, BFK<sup>+14</sup>, JOD98, MMY<sup>+20</sup>]. **imbalance**  
 [BHS<sup>+10</sup>, GSB<sup>+23</sup>]. **IMECOCAL** [SMPSG<sup>+04</sup>]. **Immediate**  
 [WPB<sup>+16</sup>, HZZY10]. **Impact**  
 [AHN23, AMH<sup>+24</sup>, BCN<sup>+16</sup>, CKH<sup>+05</sup>, CBPT05, DGP20, FM03c, GMM<sup>+20</sup>,  
 GK02, HFL<sup>+15</sup>, JBD<sup>+09</sup>, LWSZ13, LHX<sup>+22</sup>, MTK<sup>+18</sup>, MQACB08, MKS<sup>+02</sup>,  
 ÑB04, OJK<sup>+10</sup>, PSWF19, QW15, RSN01, SVC<sup>+08</sup>, SWZA02, SBG05,  
 SRA<sup>+09</sup>, SBSW07, TB05, VHM17, WHF<sup>+19</sup>, WW04a, WA02, YZZ<sup>+16</sup>,  
 ZWQ<sup>+19</sup>, ARNB01, BRCFP23, BGOL01, Bor01, BSN<sup>+15</sup>, BMT20, CSA<sup>+09</sup>,  
 CLSS15, DCC<sup>+17</sup>, DBG<sup>+16</sup>, DFY<sup>+23</sup>, DB97b, DWW<sup>+02</sup>, Fed13, FWP<sup>+07</sup>,  
 FSG02, FHW06, FPGH02, Fro04, GDYW02, HS01, HBR11, HDW<sup>+20</sup>,  
 JCF<sup>+06a</sup>, KHL<sup>+15</sup>, Kla97, KC00, KC04, Kyt02a, Kyt02b, LCS<sup>+06</sup>, LSNH15,  
 LSH<sup>+24</sup>, LLG<sup>+16</sup>, MBH<sup>+96</sup>, Mas02, OE06, ODR<sup>+09</sup>, OM02, OT03, PHOM09,

PF04b, PAR<sup>+</sup>08, PS23, PPM02, PDC<sup>+</sup>21, SNH<sup>+</sup>23, SAG<sup>+</sup>10, SRH<sup>+</sup>11, SSH09, SSR13, SRF95, SBB06, SPD<sup>+</sup>11, SSAF02, TSA<sup>+</sup>01, TGFE02, WJD<sup>+</sup>00a, WJD<sup>+</sup>00b, WP17, WTSP07, WL02, YHK15, vHSM04b, vOSG<sup>+</sup>11].

**impact-induced** [WL02]. **impacted** [PFDD16, SAW16]. **Impacts** [Arr15, Arr16, FAS<sup>+</sup>03a, HSBT19, HH20, HAE<sup>+</sup>15, HK19, KSU<sup>+</sup>08, LDW22, MBL<sup>+</sup>15, PSA14, SSC<sup>+</sup>23, SYK<sup>+</sup>13, TTL<sup>+</sup>16, VSC<sup>+</sup>11, ARLA03, AJP<sup>+</sup>22, BT98, CTCDO5, CTT09, CKB<sup>+</sup>07, DWM<sup>+</sup>15, EZB<sup>+</sup>20, ETD<sup>+</sup>11, FPB<sup>+</sup>14, GDIK02, KYW20, KIN<sup>+</sup>10, KHL<sup>+</sup>01, LH08, bLHsL<sup>+</sup>13, MWT<sup>+</sup>17, MDTG13, OBRJ01, OGJ<sup>+</sup>19, Pas18, SM12, SZB<sup>+</sup>19, SMB03, VAT23, WLM23, WPB<sup>+</sup>16, WNHF<sup>+</sup>15, WBA03]. **impedance** [JLAD95, SGGW11]. **impensum** [WTS08]. **impinged** [BN05]. **implementation** [CLF<sup>+</sup>09, CFZ<sup>+</sup>18, CJF<sup>+</sup>98, KL96a]. **implementing** [MGT<sup>+</sup>20]. **Implication** [WR15, AN05, AN06, KN05, MRRG23, MPS<sup>+</sup>21, RI25]. **Implications** [ATN<sup>+</sup>12, CHN<sup>+</sup>18, DZBR95, DGT<sup>+</sup>17a, DVC14, DVCG<sup>+</sup>12, DSE<sup>+</sup>14, DABF<sup>+</sup>16, GGCM17, GNHS05, GMMS05, HBSL01, HHH<sup>+</sup>22, KWW<sup>+</sup>12, MDH08, MCSF15, MCD<sup>+</sup>09, ML20, Mun07, MHG<sup>+</sup>17, PLD<sup>+</sup>17, PP95, PWB<sup>+</sup>06, SM96a, AMN<sup>+</sup>02a, BBB94, BKP<sup>+</sup>20, BMK<sup>+</sup>13, BV04, BL98, BW99a, BBT<sup>+</sup>18, BKS<sup>+</sup>10, CFL<sup>+</sup>16, DLB02, FSCC07, GKH<sup>+</sup>07, GPF16, GDAMS19, GTB15, GMC97, HS96, HC15, HHMF11, HSBT19, HAF<sup>+</sup>15, HFK<sup>+</sup>02, IAA96, KEPZ93, KS10, KND<sup>+</sup>08, LGP<sup>+</sup>15, MGHN01, MS06a, MBK08, MHB<sup>+</sup>95, MHA<sup>+</sup>15, MCJ<sup>+</sup>99, MBM<sup>+</sup>00, MES97, MKH<sup>+</sup>05, NC97, NKD<sup>+</sup>08, NSMBN08, ÖCB<sup>+</sup>04, PFP02, PWMC01, PABH07, RdGM<sup>+</sup>09, RSWG04, RE98, RI05, SKS<sup>+</sup>16, SNPS01, SRF95, SFK<sup>+</sup>12, SKM<sup>+</sup>12, TRHA01, VTD24, VGF02, WWH97, ZWC<sup>+</sup>15]. **implies** [PLGCL09]. **Importance** [CSW<sup>+</sup>17, CMG<sup>+</sup>12, DSBS20, KWF<sup>+</sup>19, RSR<sup>+</sup>00, BT15, BLOM93, BAD<sup>+</sup>14, CAFK03b, CSGC03b, DCR94, DB02, EGG<sup>+</sup>05, Gag04, Hei02, HK08, IIM02, JRJ<sup>+</sup>22, KM05a, Lin16, MHFM15, RG06a, SJST13, TRWB99, TMTR14, VGBGPA02, MTE<sup>+</sup>02]. **Important** [PRDB<sup>+</sup>17, DM16b, GKGW22, LZL<sup>+</sup>22, Loh08, MM14, SDB<sup>+</sup>19, WTA<sup>+</sup>18]. **imposed** [LTH05]. **imprint** [BCWT00]. **improved** [BFA<sup>+</sup>08, HDGM19, KMK<sup>+</sup>20, PW15, SBL<sup>+</sup>18, XA09]. **improvements** [TAB<sup>+</sup>16]. **improving** [JEK<sup>+</sup>15]. **in-** [ONRW10]. **In-situ** [SAL95, BB03, GMR06, LFPC14, MRM<sup>+</sup>12, TPP<sup>+</sup>20, WC06b]. **inactive** [EMV09, LMKL09]. **Incidence** [YLG<sup>+</sup>18, BCN<sup>+</sup>17, BTR20]. **incident** [WPB<sup>+</sup>16]. **including** [CPM<sup>+</sup>18, CGG<sup>+</sup>19, EMG<sup>+</sup>15, GJ11, Joh19, LPA<sup>+</sup>17, MBP<sup>+</sup>20, VTD<sup>+</sup>20, Zül05]. **incorporated** [CAJE15]. **Incorporating** [LLC17, GJ11, IHPA16]. **Incorporation** [IABR<sup>+</sup>17, ME02]. **Increase** [PWF03, Ber01, CV17, JS14, LMDW06, Met09, SGB14, WHC24]. **increased** [BCVCHW04, LL01]. **increases** [NW01]. **Increasing** [EGG<sup>+</sup>05, JMP<sup>+</sup>19, CFGR07, XWZ24, vHHH<sup>+</sup>11]. **incubation** [BDO00, BZS<sup>+</sup>16, Blo02, CMT93]. **incubations** [LLB<sup>+</sup>00]. **incubator** [MTK<sup>+</sup>14]. **Indented** [PFW<sup>+</sup>09]. **independent** [LTG<sup>+</sup>09, LPK<sup>+</sup>17, OLP<sup>+</sup>20, SLCLC<sup>+</sup>24]. **INDEX** [Sha01, ACK<sup>+</sup>14, Ano98f, Ano99e, Ano00e, Ano95g, Ano96a, Ano01a,

DW15b, GQ09, GGP<sup>+14</sup>, JRGLJ<sup>+19</sup>, MCBC08, SBR<sup>+97</sup>, SdS01]. **India** [FL02, RV00]. **Indian** [ACD<sup>+17</sup>, Ano05c, AJR<sup>+15</sup>, BSM01a, BHS<sup>+19</sup>, BHT22, BBE<sup>+13</sup>, BNKJ23, CHG20, CG21, CBA<sup>+20</sup>, DNR20, DRR17, DT03, DBL<sup>+19</sup>, GHGMI05, GMMS05, HLG<sup>+21</sup>, HNM<sup>+20</sup>, HRX17, HB19, HBVG20, HBVG22, HBSV24, JFK<sup>+10</sup>, KNV<sup>+10</sup>, LBSB<sup>+17</sup>, LDBS<sup>+17</sup>, LFKF<sup>+17</sup>, MV19, Met09, MSBS01, NG10, NRS17, NMR10, NRH<sup>+20</sup>, PMS<sup>+20</sup>, PR17, RGTV97, RBA<sup>+01</sup>, RTM<sup>+20</sup>, RSN01, RAB<sup>+17</sup>, Rog17, SAKP<sup>+22</sup>, SdS01, SRW<sup>+10</sup>, STB<sup>+17</sup>, SRAs<sup>+24</sup>, SSI19, SBC17, TSSR20, ULH<sup>+21</sup>, Urb20, VAM97, VHS97, VTD<sup>+20</sup>, VKM<sup>+10</sup>, dSSB<sup>+01</sup>, AVA23, ARLA03, ADE22, AA15, ACSG15, AMP<sup>+03</sup>, ATLD<sup>+20</sup>, ACR<sup>+20</sup>, ADAM02, BKKK24, BRG<sup>+19</sup>, BBM<sup>+08</sup>, BFT<sup>+97</sup>, BSG<sup>+02</sup>, BSRB17, BHHM<sup>+12</sup>, BBV00, BMO93, BLOM93, CRA<sup>+20</sup>, DS21, DM25, DBR22, DSN<sup>+20</sup>, DMW<sup>+07</sup>, Duc93, DDB<sup>+97</sup>, FLM10, FML<sup>+93</sup>, FM03b, FM03c, FMO02, Gai97, GMM<sup>+20</sup>, GBL<sup>+08</sup>, GPCT23, GAJ<sup>+13</sup>]. **Indian** [GVD<sup>+97</sup>, GFW07, HCL<sup>+22</sup>, HPWP07, HBV19, HMA20, HAD19, JBC<sup>+21</sup>, Jen03, KGJ<sup>+25</sup>, KK19, KOO<sup>+24</sup>, KQ02, KCMT<sup>+20</sup>, KIS02, KBV<sup>+97</sup>, KMD<sup>+11</sup>, KVL<sup>+19</sup>, KL96c, KIY<sup>+05</sup>, LCW20, LHD<sup>+22</sup>, LPFS97, LQF<sup>+02</sup>, LGP<sup>+15</sup>, MMXS02, MT15, MFPL19, MAN<sup>+20</sup>, MGT<sup>+20</sup>, MB03, MTE<sup>+02</sup>, MPJ<sup>+13</sup>, MKT<sup>+15</sup>, MV19, MHA<sup>+15</sup>, MLBT25, MWT<sup>+17</sup>, MWF<sup>+19</sup>, MMJ<sup>+03</sup>, MBT97, MBO07, NGS<sup>+15</sup>, NGS<sup>+20</sup>, NGM<sup>+20</sup>, NSKG96, NGM<sup>+05</sup>, NDD<sup>+14</sup>, OFD<sup>+22</sup>, O'H24, OvdRvA<sup>+22</sup>, OB22a, OB22b, OBM<sup>+93</sup>, PA25, PDA<sup>+20</sup>, PKW07, PJC19, PPB<sup>+22</sup>, PMJ20, PKZ93, PZP93, PDG<sup>+03</sup>, PPR<sup>+20b</sup>, RHL<sup>+22</sup>, RBMY02, RAS23, RP17, RGHN<sup>+97</sup>, RMG<sup>+23</sup>, SGA<sup>+15</sup>, SLC<sup>+20</sup>, SPSM23, SG99, Sha01, SMP<sup>+15</sup>, SMB02, SBN<sup>+15</sup>, SBA<sup>+20</sup>, SBR<sup>+97</sup>, SWCB02, SSJ<sup>+22</sup>, SVS<sup>+20</sup>, SZB<sup>+19</sup>, SJJ19, SB22, TB97, TPW07, TBPS22, TPS<sup>+15</sup>, TRB<sup>+19</sup>, ULH<sup>+21</sup>, VIY02, VGF02, WC24, WO99, WST15, Wei99, WMC06, WSFB02]. **Indian** [WNA<sup>+10</sup>, XWZ24, ZW23, ZDW<sup>+20</sup>, Zon97, ZGGF22, vdROO<sup>+24</sup>]. **Indian-Ocean** [MMJ<sup>+03</sup>]. **Indian/Atlantic** [MB03]. **indicate** [BSS<sup>+00</sup>, CCBL14]. **indicates** [JHHK14]. **indication** [CRS<sup>+19</sup>, LAP<sup>+17</sup>, RBP<sup>+94</sup>]. **Indications** [RPZ<sup>+14</sup>, SHWW22]. **indicative** [GSB<sup>+23</sup>]. **indicator** [AMJRD19, ACH02, ADE22, BHB<sup>+07</sup>, HCRX16, KME18, KBR18, RSGC25, SLdB<sup>+15</sup>, SAB08]. **indicators** [BGG<sup>+09</sup>, BHS<sup>+10</sup>, CBB<sup>+00</sup>, CKL03, HdVGHM02, Pee97, RBA<sup>+01</sup>, SPW<sup>+22</sup>, WSB08]. **indices** [IABR<sup>+17</sup>, TSWJ12, WCS07, WLT20]. **Indies** [MS18]. **indigenous** [HBB<sup>+13</sup>, KR07]. **indirect** [RTC<sup>+07</sup>]. **Individual** [TCEW07, CCH95, GSC<sup>+19</sup>, HPH<sup>+16</sup>, KY17, SOS01, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, ZOB<sup>+96</sup>]. **individual-based** [GSC<sup>+19</sup>, HPH<sup>+16</sup>, KY17, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>]. **Indonesia** [CSS<sup>+10</sup>]. **Indonesian** [DHCV19, GGI03, HSO04, PHS03, SWK<sup>+23</sup>, SPH<sup>+03</sup>, TSS<sup>+21</sup>, VGF02]. **induced** [AGL<sup>+19</sup>, BLM13, BTUV08, CDJ<sup>+22</sup>, EB01, FBCP01, GDL22, GBD<sup>+11</sup>, HOD<sup>+09</sup>, HF21, KHL<sup>+15</sup>, KWT<sup>+16</sup>, LLK<sup>+09</sup>, MPPR14, MAR<sup>+17</sup>, MSTT07, NI10, OCL<sup>+08</sup>, STN<sup>+06</sup>, SVC<sup>+08</sup>, SP00, SD22, VLSS<sup>+04</sup>, WDFK<sup>+22</sup>, WDD<sup>+22</sup>, WZZ<sup>+23</sup>, Web19, WL02, YLU<sup>+14</sup>, YOI<sup>+09</sup>, ZDA<sup>+16</sup>].

**industries** [HSSH23]. **inermis** [HPL<sup>+</sup>12]. **inertia** [MSJS08, SMD06].  
**inertial** [CW22, KHL<sup>+</sup>15, LDX<sup>+</sup>23, PF06, ZL23]. **infauna**  
 [Bla94, CDRA08, FB15, Hil94, KGB<sup>+</sup>14, LPS14, SCD14]. **Infaunal**  
 [CAC<sup>+</sup>97, BH94, BN04, BMOW09, CKB<sup>+</sup>07, GMBL10, LT03]. **inference**  
 [GWDP11, IHPA16]. **Inferences** [DKZP16, LLB<sup>+</sup>00, LPL<sup>+</sup>20]. **inferred**  
 [CFV<sup>+</sup>18, DNH<sup>+</sup>02, EBG<sup>+</sup>11, GNT<sup>+</sup>17, LWA<sup>+</sup>04, LH08, MHC<sup>+</sup>10, NMS09,  
 RKM23a, RD25, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, WEB93, WYPY06, YFL<sup>+</sup>23, YKO15].  
**inflow** [JC03, SABP<sup>+</sup>16, YFL<sup>+</sup>23]. **inflow/outflow** [YFL<sup>+</sup>23]. **Influence**  
 [BCG04, CBHF10, DLL<sup>+</sup>15, DKI<sup>+</sup>00, EWBW99, GRD<sup>+</sup>08, GSdS<sup>+</sup>14, Hat02b,  
 HAGW<sup>+</sup>13, JWC09, JDL<sup>+</sup>22, JAM<sup>+</sup>14, LCW20, LT16, MK21, MHTZ19,  
 MCH22, MARFP08, OCG<sup>+</sup>09, PBMM14, RV00, RYT01, SDL22, SRFR07,  
 SDAH<sup>+</sup>12, TC06, ALWW04, AKBD13, BMC99, BC05, BCVCHW04,  
 BMH<sup>+</sup>94, BHHM<sup>+</sup>12, CMB02, DBD03, DZL<sup>+</sup>17, DVPR06, ECS<sup>+</sup>17, Gau07,  
 GdRGLS04, HCHD09, HS93, HNB<sup>+</sup>13, JRK<sup>+</sup>17, KKD06, KGHA<sup>+</sup>01,  
 LTG<sup>+</sup>09, LWB<sup>+</sup>20, LTW<sup>+</sup>22, LPM<sup>+</sup>15, LPPK14, MBNRB08, MT15,  
 MBS<sup>+</sup>13, MMT08, MW06, PGK14, QSA<sup>+</sup>09, RIHGS00, RNP93, SGW<sup>+</sup>15,  
 ŠHW<sup>+</sup>04, SMH<sup>+</sup>11, SMB<sup>+</sup>18, SLLT10, Tho97, TWG00, UIS<sup>+</sup>03, VGSV09,  
 VPA<sup>+</sup>09, VOK<sup>+</sup>24, WC06a, WH01a, WRS99, XZM<sup>+</sup>23, Ynd09, ZAC<sup>+</sup>15].  
**influenced** [ATLD<sup>+</sup>20, BMD<sup>+</sup>17, CCZ<sup>+</sup>21, CJM<sup>+</sup>22, DRVVS<sup>+</sup>14, HSC<sup>+</sup>07,  
 KTP<sup>+</sup>05b, LRL<sup>+</sup>22, MMM<sup>+</sup>00]. **Influences** [CCL<sup>+</sup>14, FC09, BGCH20,  
 CMC11, DVS<sup>+</sup>14, DGN<sup>+</sup>17, LDBS<sup>+</sup>17, Pal04, PTWM12, RBH<sup>+</sup>20, RMK<sup>+</sup>14,  
 SG99, SNMH18, SB22, TSWJ12, WPLN96, Wil98]. **influencing** [CBSS02,  
 DP07, DC08, HHNK<sup>+</sup>04, LNDH<sup>+</sup>17, OT12, RGIH<sup>+</sup>06, SHB14, TDCV<sup>+</sup>06].  
**inform** [BH14, CWEHT22, VALW23]. **informatics** [BC08]. **Information**  
 [HM14, BC08, IABR<sup>+</sup>17, MPJ<sup>+</sup>13, NHS<sup>+</sup>13, SLD<sup>+</sup>13, SCQ<sup>+</sup>09]. **informed**  
 [SPW<sup>+</sup>22]. **infrared** [MCS07, MRD13]. **infusions** [STF09]. **ingestion**  
 [ADS<sup>+</sup>02, ABB<sup>+</sup>01, LWB<sup>+</sup>07]. **inhabiting**  
 [DMH19, FARLR<sup>+</sup>13, GBP21, KG20, LMG17, MZH16, NHH<sup>+</sup>13]. **inherent**  
 [KLK<sup>+</sup>15, NRS14]. **inhibition** [RBJW16]. **Initial**  
 [AKM<sup>+</sup>05, FR10, DKdS<sup>+</sup>03, FRC<sup>+</sup>10, FC09]. **initially** [ZA16]. **Initiation**  
 [MH93, AMP<sup>+</sup>03, SMSA05]. **initiative** [Col16]. **injuries** [SEM16]. **Inland**  
 [DFY<sup>+</sup>23]. **Inlet** [MCH22]. **inner** [CP02, KHS<sup>+</sup>02, RTFB09, SMR<sup>+</sup>06, SH02].  
**inner-shelf** [SMR<sup>+</sup>06]. **innovations** [MPM<sup>+</sup>16]. **inordinate** [BLS09].  
**inorganic** [Ano95b, BWL01, BBH05, BDW<sup>+</sup>98, DLF<sup>+</sup>09b, HCRX16,  
 JBVW12, MBW<sup>+</sup>03, MDB98, MCJ<sup>+</sup>99, MLS<sup>+</sup>15, NSvH<sup>+</sup>11, OENB01,  
 PPFS17, RZL<sup>+</sup>10, SMY<sup>+</sup>98, SMS<sup>+</sup>07, TT01, TA01, WPG<sup>+</sup>07, WKM<sup>+</sup>07a,  
 WPW95, WC02, WWN<sup>+</sup>02, ZHD<sup>+</sup>08]. **Input**  
 [Aar03, BD94, SRH<sup>+</sup>11, Tho97, CRS<sup>+</sup>19, CL15, DLW<sup>+</sup>17, GCN<sup>+</sup>97, HWL06,  
 LGF03, LCW<sup>+</sup>07, RPF01, RBP<sup>+</sup>94, UIS<sup>+</sup>03, VOK<sup>+</sup>24]. **inputs**  
 [DDB<sup>+</sup>17, DBH<sup>+</sup>20, GMC97, HSC<sup>+</sup>07, KMT20, LLLP<sup>+</sup>03, MHFM15,  
 PWR05, SSB<sup>+</sup>17, SZB<sup>+</sup>19, TPGCCS<sup>+</sup>02, WLM23, YBHM05, ZLJ08].  
**Inshore** [DO19, CGR<sup>+</sup>00, Zim19]. **Insight**  
 [RTI<sup>+</sup>16, XZW<sup>+</sup>19, vdROO<sup>+</sup>24, OS02, WGW<sup>+</sup>19, YLD09]. **Insights**  
 [AGPR95, AT10, AELP14, BRPH20, DQC14, HWS<sup>+</sup>13, KCZ<sup>+</sup>19, LBM10,

LEP14, MRB<sup>+</sup>14, MMTT<sup>+</sup>20, MPF<sup>+</sup>17, NCSO13, SKD<sup>+</sup>16, SRFR07, TPW<sup>+</sup>16, TA01, TDC08, BVB14a, BAF<sup>+</sup>18, DJ15, DBBWH20, FC15, FCG18, GHM18, HNS<sup>+</sup>11, Jaz15, KWA<sup>+</sup>20, KW00, LWWF18, MTD<sup>+</sup>18, OBH<sup>+</sup>18, PTO<sup>+</sup>16, SBE<sup>+</sup>07, WWHT20, WCL<sup>+</sup>15b, WPSB11]. **insolation** [HMA20]. **inspinata** [KYI10a, KYI10b]. **instabilities** [WCL22, XWZ24]. **instability** [DJFK<sup>+</sup>22, Joh96, LHX<sup>+</sup>22, SPD<sup>+</sup>11, TTFJ13, Vri13]. **instrument** [MCS07]. **instrumentation** [BSJ13, GUSB03]. **instrumented** [CKH<sup>+</sup>08]. **insular** [OGJ<sup>+</sup>19]. **intact** [BJF16]. **intake** [AKK<sup>+</sup>17, MTE<sup>+</sup>02]. **Integral** [SWC<sup>+</sup>02]. **Integrated** [BFL<sup>+</sup>20, BFD<sup>+</sup>23, BLI<sup>+</sup>09, CML<sup>+</sup>14, DB16, GO10, MWFS17, ZDO19, CA06b, CTH<sup>+</sup>98, DLR<sup>+</sup>01, GMB13, GBS<sup>+</sup>22, HD14, LBD<sup>+</sup>22, POA<sup>+</sup>16, RDSA<sup>+</sup>21, SPW<sup>+</sup>22, SZB<sup>+</sup>19, WCRG95, WKM<sup>+</sup>07a, Zim19]. **Integrating** [BH14]. **integration** [MK19, SDK<sup>+</sup>16, SCQ<sup>+</sup>09]. **Integrative** [KBK<sup>+</sup>18, DGT17b, Pör06]. **integrity** [SC16]. **Intense** [SF08, BNFS01, Gol93, KGB06, LMA08]. **Intensity** [WZB<sup>+</sup>14, DPLB94, FMH<sup>+</sup>02, KKK<sup>+</sup>17, MDTS08, ML20, MHSV18, NAT<sup>+</sup>12]. **Inter** [CTW<sup>+</sup>15, DEJ08, FMS08, HS07, HXC<sup>+</sup>22, RLH<sup>+</sup>03, RLB03, WGST08, ARWM13, BSMV03, BLS<sup>+</sup>03, BT04, BD06, DIM<sup>+</sup>12, HPS<sup>+</sup>13, HLL<sup>+</sup>10, HHH<sup>+</sup>14, HZT<sup>+</sup>06, MDI<sup>+</sup>12, PPZ93, PLHMA06, RMBG11, SMLP04, SVKT20, SMS03]. **inter-** [ARWM13]. **Inter-annual** [CTW<sup>+</sup>15, FMS08, HXC<sup>+</sup>22, WGST08, BT04, BD06, HLL<sup>+</sup>10, HHH<sup>+</sup>14, HZT<sup>+</sup>06, PLHMA06, RMBG11, SMLP04, SMS03]. **inter-colony** [HPS<sup>+</sup>13]. **inter-comparison** [SVKT20]. **inter-comparisons** [DIM<sup>+</sup>12, MDI<sup>+</sup>12]. **Inter-decadal** [HS07]. **inter-monsoon** [BSMV03, PPZ93]. **Inter-ocean** [RLH<sup>+</sup>03, RLB03, BLS<sup>+</sup>03]. **Inter-specific** [DEJ08]. **Interaction** [BMP<sup>+</sup>09, LZC<sup>+</sup>16, RTM14, Arm03, FWS94, HMLS<sup>+</sup>06, HZK04, HON<sup>+</sup>13, KM05a, KFJ<sup>+</sup>05, MBC<sup>+</sup>09a, Mun07, PP20, QC10, RPM07]. **Interactions** [Ano05b, BF14, GH05, GHS09, BK99, BKS<sup>+</sup>10, CBG02, CHV<sup>+</sup>15, DYEJ08, Ham07, Hen19, JB01, KB99, KCA05, LDG94, LSHB09, MSC<sup>+</sup>19, MSH<sup>+</sup>07, MHP<sup>+</sup>07, MGG<sup>+</sup>09, PFP02, Pak04, PGFP<sup>+</sup>08, PE17, Rai14, RSWG04, RDW<sup>+</sup>12, Ros99, SSC<sup>+</sup>23, SH10, TVL<sup>+</sup>00, TBSP<sup>+</sup>18, UKM16, WB96, dCHdOF<sup>+</sup>18]. **Interactive** [BZS<sup>+</sup>16]. **Interannual** [ALT<sup>+</sup>13, Bat01, BRD<sup>+</sup>18, BMS99, BWC<sup>+</sup>02, CBBM12, DD15a, DD15b, DRS10, DFK<sup>+</sup>06, DFMG01, FM03b, dITGCAB<sup>+</sup>03, KIS02, LSM96, MCL<sup>+</sup>19, MAST05, Men23, MiSW08, NBB<sup>+</sup>02, OYM<sup>+</sup>13, OHS10, PF02, PMS<sup>+</sup>20, PKR<sup>+</sup>01, PFC19, PK03, RBMY02, SH00, SHN<sup>+</sup>07, SHFM01, SSP<sup>+</sup>06, WSLP10, AMJRD19, AGGdC14, ACK<sup>+</sup>14, Ano96g, ATS<sup>+</sup>96, ABC<sup>+</sup>05, BMK96, BHHM<sup>+</sup>12, CWS05, CVM<sup>+</sup>01a, CMW<sup>+</sup>08, CRR01, CPH01, CS19, Dal04, DDN<sup>+</sup>04, DLF<sup>+</sup>09b, FBC<sup>+</sup>02, FGW02, HK01, HTW14, KCD<sup>+</sup>96, KTL<sup>+</sup>00, Lad14, LDWK96, LHM14b, MPZ04, MHS01, MHG<sup>+</sup>04, MCPA02, MC02, MMH<sup>+</sup>08, MBC<sup>+</sup>20, MBC<sup>+</sup>09b, OGRdO18, Roy05, SRY04, SIS<sup>+</sup>02, SMS<sup>+</sup>08, SFB19, UIS<sup>+</sup>03, VCDAL14, WMM02, WWC<sup>+</sup>99]. **Interbrood** [GGRJD<sup>+</sup>10]. **Intercalibrated** [NDT<sup>+</sup>01]. **Intercomparisons** [OCKA<sup>+</sup>11]. **Interdecadal** [GLCP12]. **interdisciplinary** [MDS<sup>+</sup>16, RKB18, VBF<sup>+</sup>02].

**interest** [DHS<sup>+</sup>14]. **interface** [GW98, Pap05a, RGHN<sup>+</sup>97, SKGD14].  
**interfrontal** [HYK<sup>+</sup>02]. **interglacial**  
 [Ber24, HFM<sup>+</sup>02, LRM07, Mun07, NGM<sup>+</sup>20]. **intergovernmental** [GKB19].  
**Intergradation** [ZJFV15]. **interior** [HM93, HDCM95, HDPI99, HFM<sup>+</sup>00,  
 HdBB<sup>+</sup>02, MFPL19, MS06b, RvAH10, TKF16, TBB<sup>+</sup>08, XZM<sup>+</sup>23].  
**interleaving** [JLM20]. **Intermediate** [BSZ99, KOR06, MBT97, NRBO<sup>+</sup>05,  
 PG97, You99, You10, BTP<sup>+</sup>18, CDDC03, CMAO<sup>+</sup>12, CKS05, HYK<sup>+</sup>02,  
 KL96b, KFS<sup>+</sup>10, Las93, LRM<sup>+</sup>02, MAK<sup>+</sup>16, MWB<sup>+</sup>09, MDK<sup>+</sup>01, PRB<sup>+</sup>11,  
 RG03, SLDL93, SVKT20, TNT<sup>+</sup>15, YLBdR03, LOA13]. **Intermittency**  
 [BASLK04]. **intermittent** [SS05a, SS05b]. **intermolt** [CM01].  
**Intermonsoon** [MGHN01, Sam01, DLL<sup>+</sup>15, FLTV97, KDG<sup>+</sup>97, SPSM23,  
 WT14, WO99, Wei99, CD99, DCM<sup>+</sup>99]. **Intermonsoona** [LB98a]. **Internal**  
 [GLM04, GK04, NOLASZ04, PHM06, PFDG08, SHA04, SFD04, WTJ<sup>+</sup>19,  
 ASM06, BVGE<sup>+</sup>06, HAC<sup>+</sup>14, Hol06, JMW<sup>+</sup>20, JR15, LH06, MS06b,  
 PTM<sup>+</sup>16, San13, SN04, TCM<sup>+</sup>22, WMB<sup>+</sup>08, WZZ<sup>+</sup>23, WXL<sup>+</sup>23].  
**internal-wave** [MS06b]. **International**  
 [Ano05c, Ano07c, BHT22, HAE<sup>+</sup>17, HB19, HBV19, HBVG20, HBVG22,  
 HBSV24, JM15, Urb20, WMA11, FS24, Hem99, MH02, DFF02]. **interoccean**  
 [MB03, YLBdR03]. **interplay** [DJC<sup>+</sup>14]. **interpretation**  
 [Mas02, THM<sup>+</sup>13, Tho04]. **Interpretations** [SKM01]. **interspecific**  
 [APMN<sup>+</sup>17, FBBW<sup>+</sup>10, LSWH07, RHM13]. **interstitial** [BAKF03].  
**intertidal** [KI18, MK21, SKL<sup>+</sup>22]. **intertropical** [KK19]. **intervention**  
 [AH17]. **Intra** [Chi96]. **Intra-annual** [Chi96]. **Intraseasonal**  
 [BDR<sup>+</sup>03, TSS<sup>+</sup>21, VV23, PWJF20, PSWF19, SYT<sup>+</sup>10, SSC<sup>+</sup>23].  
**intraspecific** [ARWM13]. **Intrathermocline** [JCP17]. **intricacies**  
 [BFG<sup>+</sup>10]. **Introduction**  
 [BAC<sup>+</sup>15, BDG<sup>+</sup>04, BEG07, BL08, CH11, CPM<sup>+</sup>18, Cor10, CG15, DB16,  
 DWJ<sup>+</sup>15, DH93, FdBGP11, FH09, GO15, GSF<sup>+</sup>19, GSF<sup>+</sup>20, Har11,  
 HWCT08, HWCT11, HD07, HWJ20, IKQU03, MRR93, MB13, MCB18,  
 MGH<sup>+</sup>16, MI06, MJG95, Mur06, NL11, OBH<sup>+</sup>19, PTP09, RLB03, RB13,  
 Rog17, RK08, SMD08, SH10, SBG<sup>+</sup>06, TRO16, UWTS09, WLD15,  
 WBM<sup>+</sup>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<sup>+</sup>00, SHR20,  
 SBvdL<sup>+</sup>02, SYB<sup>+</sup>11, Thi01, VNA<sup>+</sup>16, VHS97, WCB08, WC01a, vHSM04b].  
**introducton** [FS24]. **Introductory** [MT11, WTP<sup>+</sup>07]. **intrusion**  
 [Bak98, WCSA<sup>+</sup>16]. **intrusions** [FHP94, KL96b]. **Invader**  
 [EMB<sup>+</sup>22, MES<sup>+</sup>23]. **invariants** [Abr19]. **Invasion** [PK08, KMS<sup>+</sup>02, TY98].  
**inventories** [CG18, PHK<sup>+</sup>14]. **inventory** [Ang10, DDS11]. **Inverse**  
 [VS99, DRD06, HZL94, RJDR06, SH99a, SH99b, Sch02a, VSR<sup>+</sup>00].  
**Inversion** [SVS<sup>+</sup>20, PSE<sup>+</sup>93]. **Invertebrate**  
 [PDT11a, SM96b, ARB<sup>+</sup>13, BFS<sup>+</sup>17, HSR<sup>+</sup>22, KBKW13, NCSB<sup>+</sup>98,  
 RLB<sup>+</sup>18a, TRB98, WACGH11, WAM<sup>+</sup>18]. **invertebrates**  
 [HT17, KMA<sup>+</sup>18, LBE06, LWJR22, LT03, PDK<sup>+</sup>14, WR09, WGMC14].

**investigate** [AWL<sup>+</sup>09, PDA<sup>+</sup>17, PLA<sup>+</sup>17, vBBR<sup>+</sup>08]. **investigated** [JBR<sup>+</sup>18]. **Investigating** [BDL<sup>+</sup>14, BAD<sup>+</sup>14, ESA<sup>+</sup>09, EAS<sup>+</sup>09, GHÖ<sup>+</sup>13, Loh08, SHB14, TYBY06, UKM16]. **Investigation** [CH24, HSO04, JDL<sup>+</sup>12, WTI<sup>+</sup>20, CW18, GDYW02, KDMH18, LKK<sup>+</sup>95, MHB<sup>+</sup>23, NHS<sup>+</sup>13, PS05, RGS<sup>+</sup>15, ROBV<sup>+</sup>18, TPP<sup>+</sup>20]. **Investigations** [LAC<sup>+</sup>09, Bas19, GBO01, HBBD03, LCT<sup>+</sup>07b, LCL<sup>+</sup>09, LKTS01, Mal04, MSSD93, PLS<sup>+</sup>03, PdBK<sup>+</sup>03, SC16, MAH<sup>+</sup>12]. **investment** [RHM13]. **IO9N** [BRG<sup>+</sup>19]. **IOC** [CM99b, ZMYS13]. **IOC/WESTPAC** [ZMYS13]. **IOD** [KK19]. **iodate** [BCH<sup>+</sup>11]. **iodide** [BCH<sup>+</sup>11, FLTV97]. **Iodine** [FL02, CFJL96, WZ03]. **IODP** [AKI<sup>+</sup>16, OTN16, WOM<sup>+</sup>16, Zar16, DF16, Hus16, IOTS16, ITK<sup>+</sup>16, KOS<sup>+</sup>16, KKT16, LSOM16, OM16, PBVC<sup>+</sup>16, SKS<sup>+</sup>16, TSOT16]. **Ionian** [BFT10, BLSS10, MSA<sup>+</sup>14, PVK<sup>+</sup>20, RBCG10, SC10, STD<sup>+</sup>20, CMVS<sup>+</sup>10, DM16a, ESL<sup>+</sup>10, MTR<sup>+</sup>10, TGLN93, VPA<sup>+</sup>20]. **IPY** [SMH<sup>+</sup>11]. **IR6** [SWCB02, WSFB02]. **IRD** [SIA<sup>+</sup>05]. **Ireland** [BRG17, FVSRR14, Rai14, TFR<sup>+</sup>10]. **Iridium** [Kyt02b]. **Irish** [vdLEM<sup>+</sup>14]. **Irminger** [GGDF08]. **Iron** [APL<sup>+</sup>23, AMvD<sup>+</sup>12, BA01, BL01a, CVM<sup>+</sup>01b, FCG<sup>+</sup>96, FBCN00, GBH<sup>+</sup>01, GSMB01, GAL<sup>+</sup>12, GAL<sup>+</sup>20, HMS<sup>+</sup>13, JMSW05, LCvdM<sup>+</sup>16, LLK<sup>+</sup>09, MFG<sup>+</sup>93, MDGF01, MSH<sup>+</sup>07, MHP<sup>+</sup>07, ÖCB<sup>+</sup>04, PHD<sup>+</sup>11, PSLS07, Qué13, TBC<sup>+</sup>17, TWN<sup>+</sup>06, VSD<sup>+</sup>97, WLL00, WJS<sup>+</sup>06, ZOB<sup>+</sup>96, vdMLB<sup>+</sup>11, AHR<sup>+</sup>06, AISR<sup>+</sup>16, ANI09, ASH<sup>+</sup>11, ACBMQ08, AM02, BTV<sup>+</sup>11, BWL01, BBM<sup>+</sup>08, BSG<sup>+</sup>02, BSL08a, BQT08, BABB08, BML<sup>+</sup>06, BMF<sup>+</sup>01, BGH99, Boy02, BBB<sup>+</sup>11b, BSS15, CGM<sup>+</sup>07, CGSZ13, CSW<sup>+</sup>17, COV<sup>+</sup>08, CJF<sup>+</sup>98, CWTJ03, CHH19, CAÖT04, DVS<sup>+</sup>97, DP99, DVPR06, ESDM13, FAS<sup>+</sup>03a, FME<sup>+</sup>09, FCW<sup>+</sup>15, FGH<sup>+</sup>13a, FBCP01, FC09, GJC98, GDM<sup>+</sup>25, GGSC03, Had11, HRM<sup>+</sup>06, HBSL01, HOD<sup>+</sup>09, Har06, HTS<sup>+</sup>09, HKN<sup>+</sup>09, HCG<sup>+</sup>09, HNK<sup>+</sup>12, HWS<sup>+</sup>98b, JBS<sup>+</sup>13, JBM<sup>+</sup>08, KSH<sup>+</sup>09, KLM<sup>+</sup>11, KTF07, KNC<sup>+</sup>09, KHE<sup>+</sup>11, LBR<sup>+</sup>11, LF07, LWLS98, LL01, LCS<sup>+</sup>06, LSS<sup>+</sup>09, LSS<sup>+</sup>11, LGO08, LGF03, LSM<sup>+</sup>06b, LRH<sup>+</sup>11, LB98b]. **iron** [LFHM97, MP99, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MBF<sup>+</sup>98, MBS<sup>+</sup>13, MAB<sup>+</sup>01, MLS<sup>+</sup>06, ML20, MMT08, MMC11b, MW06, MC13, MQACB08, NHS<sup>+</sup>09, NKF<sup>+</sup>10, NMH<sup>+</sup>06, NTK<sup>+</sup>09, NSMBN08, NW01, ODH<sup>+</sup>07, OCL<sup>+</sup>08, OSCS00, PCDM11, PHS<sup>+</sup>11b, PSF<sup>+</sup>07, PPL<sup>+</sup>07, PD01, RLD<sup>+</sup>15, ROL<sup>+</sup>15, STN<sup>+</sup>06, STN<sup>+</sup>09, SVC<sup>+</sup>08, SD06a, STF09, STJ<sup>+</sup>08, SMH<sup>+</sup>06, SvdmC<sup>+</sup>16, SH99c, SSUB15, SLT<sup>+</sup>11, SSI<sup>+</sup>09, TYBY06, TGK<sup>+</sup>11, TAL<sup>+</sup>12, TVLB08, TRHA01, TA01, TDC08, TSN<sup>+</sup>06, TSMS09, TNS<sup>+</sup>09, UWTS09, WN01, WTCB09, WTL<sup>+</sup>06, WC06b, YLR18, YET06, YOI<sup>+</sup>09, ZZY<sup>+</sup>19, ZHB<sup>+</sup>07, ISB<sup>+</sup>11, SvdmC<sup>+</sup>16]. **iron-** [ISB<sup>+</sup>11]. **iron-enriched** [HWS<sup>+</sup>98b, MQACB08]. **Iron-enrichment** [ZOB<sup>+</sup>96, CJF<sup>+</sup>98, STN<sup>+</sup>06, STN<sup>+</sup>09]. **iron-enrichments** [HBSL01]. **iron-fertilised** [ASH<sup>+</sup>11, ACBMQ08]. **iron-fertilization** [BSL08a, FC09]. **iron-fertilized** [COV<sup>+</sup>08, JBM<sup>+</sup>08, LGO08, TDC08, TNS<sup>+</sup>09]. **Iron-induced** [LLK<sup>+</sup>09, FBCP01, HOD<sup>+</sup>09]. **Iron-limitation** [PHD<sup>+</sup>11]. **iron-limited** [CSW<sup>+</sup>17]. **Iron-mediated** [BA01]. **iron-stimulated** [NW01].



**IronEx** [CJF<sup>+</sup>98, GJC98, SLW98]. **IronEx-I** [CJF<sup>+</sup>98, GJC98, SLW98].  
**irradiance** [ER05, JEK<sup>+</sup>15, TLR<sup>+</sup>00, VMI<sup>+</sup>08]. **Ischnomesidae**  
 [BSCE15, BB04]. **Ischyroceridae** [BVL04]. **ISDSC5** [MDLvW14]. **Isididae**  
 [STR<sup>+</sup>14]. **Island** [BS03, BAKF03, Can06, CKL03, GUSB03, HNB<sup>+</sup>13,  
 KFG<sup>+</sup>03, KRW03, KL03, LCS16, LWSZ13, LPAR24, PDC<sup>+</sup>99, RHZ<sup>+</sup>03,  
 SBKS03, SBG<sup>+</sup>03, SGD<sup>+</sup>03, SSAF02, ZHY<sup>+</sup>13, BNM<sup>+</sup>07, DNK<sup>+</sup>08,  
 MSTT07, CRBK03, DGN<sup>+</sup>17, ESG<sup>+</sup>17, FPGH02, HVWH09, IAC<sup>+</sup>03,  
 KMB<sup>+</sup>11, KIM08, LCG03, LHKHH10, LT03, MAT<sup>+</sup>12, NKA<sup>+</sup>11, NCR<sup>+</sup>08,  
 SMLP04, SAM<sup>+</sup>13, SE95, SBK<sup>+</sup>16, THJ<sup>+</sup>05, TAL<sup>+</sup>12, WTI<sup>+</sup>20].  
**island-induced** [MSTT07]. **islandica** [DKP<sup>+</sup>14]. **Islands**  
 [BZMC20, Can06, CBSS02, DAN23, FWP<sup>+</sup>07, GFPM02, HSD04, HPM02,  
 JRGLJ<sup>+</sup>19, LT03, MNR<sup>+</sup>11, MiSW08, PNLFS02, PNLF02, PNLFS03, PSF<sup>+</sup>07,  
 SCC98, TM22, AMN<sup>+</sup>02a, BCE<sup>+</sup>07, BJK<sup>+</sup>22, BCG<sup>+</sup>22, BSR08, BSRM08,  
 CRJB08, CRJ<sup>+</sup>08, CWEHT22, CHH<sup>+</sup>22, DNH<sup>+</sup>02, DVS<sup>+</sup>14, FRH<sup>+</sup>98,  
 FSK<sup>+</sup>02, HMS<sup>+</sup>13, HKN<sup>+</sup>04, HWS<sup>+</sup>98a, HSR<sup>+</sup>22, JVDH08, KHGL<sup>+</sup>02,  
 LTW<sup>+</sup>22, Loh08, MDJS11, MFN<sup>+</sup>02, MYL<sup>+</sup>98, MKKF18, MDTG13, NHCL14,  
 NSMBN08, PHH<sup>+</sup>16, PNLFS02, PMLM<sup>+</sup>02, PC08, RPA07, RMD<sup>+</sup>12,  
 SMY<sup>+</sup>98, SVJ<sup>+</sup>08, SHC<sup>+</sup>22, SBH<sup>+</sup>02, SKM<sup>+</sup>08, SKMS08, WST15, ZLOR02].  
**Isles** [Pin93, ZHB<sup>+</sup>07]. **isobath** [SKSW02]. **isolated**  
 [CHH<sup>+</sup>22, FMWD07, LH06, LDG94, RHL<sup>+</sup>16, ŽSN<sup>+</sup>18]. **isolates**  
 [BKS<sup>+</sup>10, ER05]. **isolation** [MN10]. **Isopod**  
 [EMG<sup>+</sup>15, BBB<sup>+</sup>07, EGMB13, KBR18, RMBW07, Wil98]. **Isopoda**  
 [GMB18, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, MLBB14,  
 RMBW07, Wil08, BBBM04, BSCE15, BB04, EWP<sup>+</sup>99, EGMB13, Gol15,  
 Gol18, GM22, KBK<sup>+</sup>18, MB18, MG22, RHW04]. **isopods**  
 [BBT<sup>+</sup>18, GMB18, KBB07, RLB18b]. **isoprene** [MW06]. **Isopycnal**  
 [SD22, WPD22]. **isopycnic** [EOB03]. **isotherm** [Yu03]. **isotope**  
 [AF01, ACR<sup>+</sup>20, AKI<sup>+</sup>16, BLM<sup>+</sup>10, Car10, CHM<sup>+</sup>17, CCM<sup>+</sup>20, CHV<sup>+</sup>15,  
 EWBW99, HiI<sup>+</sup>19, HiI<sup>+</sup>20, HFK<sup>+</sup>02, HAM<sup>+</sup>15, JSM<sup>+</sup>16, JHHK14, Kli09,  
 KHH<sup>+</sup>17, LL13, LPL<sup>+</sup>20, MSW<sup>+</sup>13, MBB<sup>+</sup>14, MKKF18, NMH<sup>+</sup>06, NMS09,  
 NESB<sup>+</sup>15, PHD<sup>+</sup>18, PGFP<sup>+</sup>08, PCP<sup>+</sup>17, RTC06, RKM23a, RPF<sup>+</sup>16,  
 SAM<sup>+</sup>12, STS11, TSW<sup>+</sup>12, TNT<sup>+</sup>15, VCO<sup>+</sup>15, WKM<sup>+</sup>07a, WYPY06,  
 WCJ97]. **isotope-size** [HAM<sup>+</sup>15]. **isotopes**  
 [AHV<sup>+</sup>00, ATN<sup>+</sup>12, BFM<sup>+</sup>14, BSS<sup>+</sup>00, BJ15, CGM<sup>+</sup>07, CBB<sup>+</sup>00, CRM<sup>+</sup>16,  
 CMVS<sup>+</sup>10, DRH<sup>+</sup>09, DBMI17, FdBGP11, FCW<sup>+</sup>15, GLCU<sup>+</sup>17, GNT<sup>+</sup>17,  
 JLL<sup>+</sup>15, KM05a, LNDH<sup>+</sup>17, RSW<sup>+</sup>13, RTI<sup>+</sup>16, SRFR07, SSR96, SDLZ13,  
 TDC08, VvdLS11, WWH<sup>+</sup>10, vBBR<sup>+</sup>08]. **Isotopic**  
 [ACV<sup>+</sup>01, BSR<sup>+</sup>18, SBM<sup>+</sup>18, WWHT20, ACBV<sup>+</sup>18, AHV<sup>+</sup>17, CTGD08,  
 CFV<sup>+</sup>18, CH07, ÇYAYT06, CML<sup>+</sup>09, FDC<sup>+</sup>18, GHM18, GBH<sup>+</sup>17,  
 GIPLL<sup>+</sup>14, HKFL03, KLL03, KCZ<sup>+</sup>19, KR95, KYKJ16, LKH<sup>+</sup>07, LGP<sup>+</sup>15,  
 LSL<sup>+</sup>15, MC18a, MWK<sup>+</sup>18, NCSO13, OTNT05, PVK<sup>+</sup>20, PBVC<sup>+</sup>16,  
 PGK15, ROL<sup>+</sup>15, SHWW22, SHR02, Sot09, STR<sup>+</sup>14, VCRDF99, WMH<sup>+</sup>07,  
 WCWW99, WCL<sup>+</sup>15b, ZCG<sup>+</sup>12]. **isotopomer** [WYPY06]. **isotopomeric**  
 [CFV<sup>+</sup>18]. **ISPOL** [BG08, HSH<sup>+</sup>08, McP08]. **Israel** [BBS<sup>+</sup>20]. **Israeli**

[BBAL<sup>+</sup>20]. **issue** [FS24, MI06, STM04a, STM04b, TTL<sup>+</sup>16, ZS19]. **issues** [MGT<sup>+</sup>20]. **Italy** [ESL<sup>+</sup>10]. **ITF** [SWK<sup>+</sup>23]. **IV** [NVBJ08, VNA<sup>+</sup>16].

**J** [Ano97b, Ano97c]. **J.** [Lut09, SPS<sup>+</sup>09]. **JADE** [SWCB02, WSFB02].

**Jakarta** [DHCV19]. **Jan** [NA09]. **January**

[ZHB<sup>+</sup>07, Ano98h, Ano99g, Ano00g, Ano22p, BPRS11, CTBNL08, CHU<sup>+</sup>00, DDK<sup>+</sup>00, GR10, HWN<sup>+</sup>04, JKK<sup>+</sup>10, NPBS00, SKW<sup>+</sup>04, SGW<sup>+</sup>00, SKH10b, WGB<sup>+</sup>04, WRBS10, WvdE00, YTF02]. **January-February** [GR10].

**January/February** [HWN<sup>+</sup>04, SKW<sup>+</sup>04]. **Japan**

[ADGA06, MB13, Sco05, SSK<sup>+</sup>05, SSK<sup>+</sup>07, SHM<sup>+</sup>07, TMP<sup>+</sup>13, YK04, YKSI19, Ala13, ADGA05, BPBJ13, BEB<sup>+</sup>13, CC13, Che13, CHT<sup>+</sup>13, DFY<sup>+</sup>23, DBL<sup>+</sup>05, EGMB13, FM13, FB05, GBPB<sup>+</sup>13, Gri13, HFKY05, HH05, IPTH03, JCP17, JKP<sup>+</sup>17, JSP<sup>+</sup>17, Kam13, KM05b, KJL<sup>+</sup>17, KLTS13, KBKW13, KFJ<sup>+</sup>05, KOT<sup>+</sup>20, KHL<sup>+</sup>17, KHH<sup>+</sup>17, LN05, LJL<sup>+</sup>17, LVP13, MA13, MGE13, Mar13, MW05a, MW05b, MBS05, NMS09, PW05, PK13, PKHH17, PRJW05, RJ05, SS13a, SSY<sup>+</sup>05, SNIT02, Ste13, UC13, VKM13, WP17, YAOW05, YCYK10, ZSKL19]. **Japan/East**

[ADGA06, YKSI19, ADGA05, DBL<sup>+</sup>05, FB05, HH05, KM05b, KFJ<sup>+</sup>05, LN05, PW05, PK13, PRJW05, RJ05, SSY<sup>+</sup>05, YAOW05]. **Japanese**

[Har06, HK19, Ike03, KUT<sup>+</sup>20, KT06, KKUK10, LTL<sup>+</sup>23, MWT<sup>+</sup>17, WWH<sup>+</sup>10, YK05, YFY<sup>+</sup>10]. **japonica** [HK19, KT06, Mar13]. **japonicus**

[HiI<sup>+</sup>19, HiI<sup>+</sup>20, LTL<sup>+</sup>23, WWH<sup>+</sup>10]. **JASON** [RSH10]. **Java**

[SWK<sup>+</sup>23, SRAs<sup>+</sup>24]. **Jaw** [LWB<sup>+</sup>07]. **Jellies** [RHK<sup>+</sup>10]. **jellyfish**

[PHKW10]. **Jenkina** [JR11]. **Jenkins** [Eif05]. **Jenny** [MS18]. **jerichonana**

[ZJFV15]. **Jersey** [RGS<sup>+</sup>15]. **JES** [KM05b]. **jet**

[BPS00, WGB01, ZV13, BMM<sup>+</sup>99]. **jets** [RF99, SBG05]. **JGOFS**

[Ano96g, Ano06d, BMK96, DKSF01, LMB<sup>+</sup>98, MK96, MCG<sup>+</sup>98, MJG95, RD97, SH00, SMBM99, SKM01, SA03, SCB<sup>+</sup>01, ZDWR95, BRPI02, BAH<sup>+</sup>95, CGR<sup>+</sup>96, DGN96, DH93, DBC<sup>+</sup>02, FK98, Fri01, GGH98, GGH<sup>+</sup>00, GCD<sup>+</sup>06, Har96, IF95, KFH01, KD01, LFM02, LDFS93, MFG<sup>+</sup>93, Mar02, MLD97, Qua97, RMC<sup>+</sup>93, RDG<sup>+</sup>95, RSD<sup>+</sup>97, SYS05, SDB<sup>+</sup>97, TOP95, WZW<sup>+</sup>95].

**JGOFS-equatorial** [BRPI02]. **JGOFS/ONR** [KFH01]. **Joint**

[AS01b, DD06, SAM<sup>+</sup>00, BPBJ13, BHJ99, SBCH02, WCH<sup>+</sup>93]. **jonasfish**

[RDW<sup>+</sup>22]. **Juan** [DCS<sup>+</sup>18, MTB09]. **jubatus** [CFGR07, GS06a]. **Julian**

[AMH<sup>+</sup>24, TSS<sup>+</sup>21]. **July**

[BCI02, JPSB93, MLG<sup>+</sup>02, RS02, SBK08, Yal01, Ano98i, Ano21i, Ano22q, FZW<sup>+</sup>13, GRWW01, HCWW01, JWS01, TZS<sup>+</sup>01, ZSB01]. **Jumars**

[PWCL98]. **jumbo**

[FEB<sup>+</sup>13, NA13, Sei13, SFMG13, SGFP13, TTDR13, TS13]. **junction**

[NGS<sup>+</sup>15]. **June**

[DTP<sup>+</sup>05, LSU04, OE06, TDKA05, VPK<sup>+</sup>19, Ano98n, Ano99h, Ano22r, Ano23k, Ano24k, BSN18, DZY<sup>+</sup>01, FZW<sup>+</sup>13, GGF<sup>+</sup>08, GGDF08, Gra09, GW15, HCWW01, JWS01, KAM<sup>+</sup>20, RWR<sup>+</sup>02, SBK08, TZS<sup>+</sup>01, Yal01].

**jurisdiction** [HD17]. **just** [HML99]. **Juvenile**

[MHG<sup>+</sup>17, ABC<sup>+</sup>05, BWC<sup>+</sup>02, CFGR07, CSS<sup>+</sup>22a, CSS<sup>+</sup>22b, CBA<sup>+</sup>05, DMFB19, GKR<sup>+</sup>18, HK19, JGM09, KMOM19, LB18, LWB<sup>+</sup>20, LSWH07, MCS07, MBC<sup>+</sup>09b, PUB<sup>+</sup>06, SNS<sup>+</sup>16, SML19, SH16, TTDR13, VBM<sup>+</sup>19, VSM17, VMF<sup>+</sup>16, WBA<sup>+</sup>17]. **juveniles** [SA14, SDAH<sup>+</sup>12].

**K-PORT** [LGK15]. **K2** [BGS<sup>+</sup>08, EBB<sup>+</sup>08]. **Kaartvedt** [Ano97b].

**Kaikoura** [LRN<sup>+</sup>14]. **Kaluga** [Mas02]. **Kamchatka**

[Ala15, BPPJ15, BCNS15, BSCE15, BEM<sup>+</sup>15, BM15, BAF<sup>+</sup>18, CKFC18, CAK15, CBMM15, DJ15, FMZ15, FEB<sup>+</sup>15, Gol15, GC15, Kam15, KWPB15, KKVP15, LMS15, LVP15, MA15, MA18a, MA18b, MB15, SA15a, SA18, SA15b, SC15, DDAH<sup>+</sup>14, EMG<sup>+</sup>15, FB15, Jaž15, MAK<sup>+</sup>16]. **Kamptosoma** [MCLP04]. **Kamptozoa** [BCNS15]. **kamptozoon** [BCNS15]. **Kara** [PP95, PKA95]. **Kärdla** [ASS02, SSAF02]. **Karenia** [LWZ<sup>+</sup>23].

**Karlodinium** [DLG<sup>+</sup>14]. **Katsuwonus** [AKK<sup>+</sup>17]. **Kayak** [SBK<sup>+</sup>16]. **keep**

[SLDL93]. **Kelvin** [MV19]. **Kemp** [BTC13]. **Kennebec** [KCA05]. **Kenya**

[DDB<sup>+</sup>97, PJLO<sup>+</sup>17]. **Kenyan** [GVD<sup>+</sup>97, KDG<sup>+</sup>97]. **KEOPS**

[STJ<sup>+</sup>08, BSL08a, BQT08]. **Kerama** [DAN23]. **KErguelen** [BQT08, PRDF08, VPSL15, ZDW<sup>+</sup>20, ACQ<sup>+</sup>08, ACBMQ08, BCE<sup>+</sup>07, BvWR<sup>+</sup>20, BSL08a, BTUV08, CTBNL08, COV<sup>+</sup>08, CTW<sup>+</sup>20, CD20, CS20, GBL<sup>+</sup>08, JDS<sup>+</sup>08, JBM<sup>+</sup>08, KFA<sup>+</sup>20, LGO08, LWB<sup>+</sup>20, MWK<sup>+</sup>20, MMT08, PFDG08, RWT<sup>+</sup>20, SCSMT20, TVLB08, WMW<sup>+</sup>20, WWHT20, ZLJ08, vBBR<sup>+</sup>08].

**kerгуelensis** [DVS<sup>+</sup>97, NGM<sup>+</sup>20]. **Kermadec** [JLL<sup>+</sup>13, LMLJ18]. **keta**

[ARWM13, KKUK10, KMOM19]. **Key**

[TAL<sup>+</sup>12, AGN<sup>+</sup>02, AHB<sup>+</sup>17, BJP<sup>+</sup>22, EAF<sup>+</sup>17, KB15, KRGT14, MA13, MM15, SKL<sup>+</sup>22, SPP22, WTA<sup>+</sup>18]. **keystone** [Ant10]. **kHz** [HB03, MOT98].

**Kick'em** [MS18]. **Kiel** [MPL15]. **killer** [MT98, OMAA18]. **Kimki**

[CPW<sup>+</sup>18, MC18a]. **Kinematic** [BSZ99, MB03, PCJ<sup>+</sup>05]. **kinematics**

[HMAW11]. **kinetic** [HXF<sup>+</sup>23, ME02, MSBS01]. **kinetics**

[BCL14, CB01, HMB<sup>+</sup>96, JLB<sup>+</sup>99, MHB<sup>+</sup>95, Rai11, SYS05, VQ97b]. **King**

[NKA<sup>+</sup>11, BHB<sup>+</sup>07]. **Kingdom** [DHS<sup>+</sup>14]. **kinorhynch** [AM15].

**Kinorhyncha** [AM15, AM18, AM22a, AM22b, AM24]. **Kinorhynchs**

[AM22b, AM18]. **Kirkpatrick** [LPA24]. **kisutch** [TBH09]. **kitazatoi**

[SRAL<sup>+</sup>17]. **kittiwake** [VM13]. **kittiwakes** [RDBP14]. **Kliopsyllus** [VK04].

**km** [DKZP16, OvdRvA<sup>+</sup>22, QNL<sup>+</sup>16]. **Knoll** [WCK<sup>+</sup>18]. **KNOT**

[FNYK02, INTS02, KNI<sup>+</sup>05, LIS<sup>+</sup>02, TNIW02]. **knowledge** [BRPI02, DCA<sup>+</sup>98, HBB<sup>+</sup>13, KR07, RHD<sup>+</sup>18, SFH<sup>+</sup>18, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, YHC<sup>+</sup>15].

**known** [CC13, CBMM15, FM13, MFS<sup>+</sup>23]. **Kodiak** [LCS16]. **KOKO**

[VOK<sup>+</sup>24]. **komokiaceans** [GCKC07]. **Korea** [JKN<sup>+</sup>05, PKHH17, THJ<sup>+</sup>05].

**Korea/Tsushima** [THJ<sup>+</sup>05]. **Korean** [CKY23a, CKY23b, LGK15, SJL05].

**Koryak** [DGK<sup>+</sup>22, RKM<sup>+</sup>22]. **Kostarrenkala** [FS14]. **Krill**

[KP10, KNV<sup>+</sup>10, NCR<sup>+</sup>08, SKW<sup>+</sup>04, SB22, VKM<sup>+</sup>10, ADG<sup>+</sup>08, ASF<sup>+</sup>12, BLBW<sup>+</sup>11, BKCV10, CHPF10, CWD<sup>+</sup>10, DEJ08, DYEJ08, Dem04, FLLGR04, FWC<sup>+</sup>12, FJF<sup>+</sup>11, GSK96, HWN<sup>+</sup>04, HKN<sup>+</sup>04, HH03, HWCT08, IDSM04, JKK<sup>+</sup>10, JR04, JHHK14, JH04, KGE<sup>+</sup>04, KKM<sup>+</sup>10, LLK<sup>+</sup>16,

LRR<sup>+</sup>04, MDH08, MOT98, MTWH04, NKK<sup>+</sup>00, OVKN11, OM98, PFP02, PAM<sup>+</sup>04, Pak04, PNH<sup>+</sup>00, RJB<sup>+</sup>04, RCF<sup>+</sup>08, RQNO04, SAVP12, VF08, WLR<sup>+</sup>00]. **krill-dominated** [LRR<sup>+</sup>04]. **Kruppomenia** [OBH<sup>+</sup>18]. **Ku** [SL11]. **Ku-band** [SL11]. **Kudinova** [BPKJ15]. **Kudinova-Pasternak** [BPKJ15]. **kuhlii** [CSM13b]. **Kullenberg** [EG96]. **KuramBio** [BM15, MB15, SBBP<sup>+</sup>15]. **Kuril** [CKFC18, Ala15, ASV18, BPPJ15, BCNS15, BSCE15, BEM<sup>+</sup>15, BAF<sup>+</sup>18, CAK15, CBMM15, EMG<sup>+</sup>15, FMZ15, FB15, FEB<sup>+</sup>15, Gol15, Gol18, GC15, GC18, Jaz15, Kam15, KWPB15, KME18, KKVP15, LMS15, LVP15, MA15, MA18a, MA18b, MB15, MB18, MKKF18, SA15a, SA18, SA15b, SC15]. **Kurile** [BM15, DJ15]. **kurilensis** [MB18]. **Kuroshio** [CBF<sup>+</sup>16, OCT<sup>+</sup>19, CK10, CBF<sup>+</sup>13, DJFK<sup>+</sup>22, HiII<sup>+</sup>19, HiII<sup>+</sup>20, HYK<sup>+</sup>02, NI10, PUB<sup>+</sup>06, QC10]. **Kuwait** [SAKP<sup>+</sup>22]. **kyr** [BLI<sup>+</sup>09, DNG<sup>+</sup>12, GHM<sup>+</sup>12, RBB<sup>+</sup>97]. **kyrs** [ITM<sup>+</sup>12, KSH12, SIA<sup>+</sup>05].

**L** [Ano97c, BDG<sup>+</sup>04]. **L.** [GW98]. **L4** [DIM<sup>+</sup>12]. **L4-SQUAM** [DIM<sup>+</sup>12]. **labile** [PDTS08]. **Labioleanira** [Ala18]. **Laboratory** [ASM06, DGR02, HJS<sup>+</sup>10, BCH<sup>+</sup>19, CSS<sup>+</sup>22b, MML07, TCM<sup>+</sup>22, TPP<sup>+</sup>20]. **Labrador** [BLG11, FS05, SRFR07, Spa99, SGL99, WTSP07]. **Lacepède** [PK08]. **lactating** [NBCT13, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16]. **lag** [Sch07]. **Lagrangian** [ASN<sup>+</sup>02, BLG11, BSL11, CRMI18, DKC<sup>+</sup>17, DMW<sup>+</sup>07, FSK<sup>+</sup>05, GMPS04, HZ19, JWS01, KTB<sup>+</sup>05, KRAS24, LML<sup>+</sup>01, LAW<sup>+</sup>05, LOA13, MDSA19, NRBO<sup>+</sup>05, PHDK11, PAUB19, PZK<sup>+</sup>05, RLVF02, RP05, SHM<sup>+</sup>11, ST13, SABP<sup>+</sup>16, SS13b, TS03, VALW23, WB01, Web19, YLU<sup>+</sup>14, YSWJ16]. **Lake** [LPZ<sup>+</sup>04]. **Lamarck** [GIPL<sup>+</sup>14]. **laminar** [JS14]. **laminated** [GPK02]. **lance** [BDL<sup>+</sup>22, SLLT10]. **Land** [CHU<sup>+</sup>00, DBDT03, EWA<sup>+</sup>03a, WLR<sup>+</sup>00, CHN<sup>+</sup>18, RdGM<sup>+</sup>09, WAK<sup>+</sup>12, BH03, BCA<sup>+</sup>03, DBD03, EWA<sup>+</sup>03b, HBB03, LCVV06, PS03]. **land-remote** [WAK<sup>+</sup>12]. **lander** [CLJ<sup>+</sup>13, LDBvdB17, LLM<sup>+</sup>17]. **landings** [JRGLJ<sup>+</sup>19]. **landmark** [KT06]. **landscape** [GGP<sup>+</sup>14]. **Lanka** [CS19, LPJ<sup>+</sup>19]. **lantern** [CAJE15]. **Lanternshark** [SLC<sup>+</sup>15]. **Laotieshan** [XZM<sup>+</sup>23]. **Lappanella** [GPCC<sup>+</sup>17]. **lapse** [EFR<sup>+</sup>16]. **Large** [Ake19, BH19a, BCH<sup>+</sup>19, Bro19, CJ19, EHL02, EHB19, HCWW01, HB05, KKSA19, LP19, PH19, PRDF08, PVRA07, SPDW19, SID19, Sum19, YKSI19, ZQW19, dSG09a, vCO09, BKY<sup>+</sup>17, BT98, BMSBM<sup>+</sup>17, DURP03, DHCV19, FMZ15, GDL22, GdRGLS04, GPCC<sup>+</sup>17, GKB19, GBBS00, Hol06, IPH<sup>+</sup>17, KNV<sup>+</sup>10, KVS<sup>+</sup>09, LTL<sup>+</sup>23, LPA<sup>+</sup>95, LL13, LTS<sup>+</sup>13, MKKB14, MML07, MALT05, MRC05, NMR10, OBA02, PFW<sup>+</sup>09, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PE17, PHS03, PBMM14, RHPR15, SSLP95, SKW<sup>+</sup>04, Spa99, SNFK20, SGM<sup>+</sup>02, SL11, SB05, TSA<sup>+</sup>01, TLK<sup>+</sup>02, VTA<sup>+</sup>11, WR09, WDKC00, WYT19, YOK<sup>+</sup>10, YOO<sup>+</sup>10, ZSKL19, vHSM04b, WDFK<sup>+</sup>22]. **Large-eddy** [HB05]. **large-particle** [SGM<sup>+</sup>02]. **Large-scale** [BH19a, BCH<sup>+</sup>19, CJ19, EHL02, HCWW01, PRDF08, PVRA07, BT98,

GdRGLS04, Hol06, KNV<sup>+</sup>10, KVS<sup>+</sup>09, MALT05, OBA02, PE17, PHS03, SSLP95, SKW<sup>+</sup>04, Spa99, TSA<sup>+</sup>01, VTA<sup>+</sup>11]. **large-sized** [TLK<sup>+</sup>02]. **large-volume** [BKY<sup>+</sup>17]. **larger** [Gag04, PM10]. **Larsen** [HDR<sup>+</sup>11]. **larvacean** [BDW<sup>+</sup>96]. **Larvaceans** [LW10]. **larvae** [AMJRD19, BOB20, BSN<sup>+</sup>15, BD06, GGAMV<sup>+</sup>23, GLCU<sup>+</sup>17, HCWH00, JBJ17, KM98, KHT<sup>+</sup>20, LCR<sup>+</sup>96, LM01, LBB<sup>+</sup>06, MWF<sup>+</sup>19, MMM<sup>+</sup>13, Mun14, Mun16, RNP93, SVJRSON04, SVAGRCS04, SDAH<sup>+</sup>12, SM03, TLW<sup>+</sup>94, WBCB06]. **Larval** [CRNP06, GDAMS19, LCD<sup>+</sup>24, SRS11, ADG<sup>+</sup>08, BHS<sup>+</sup>19, Dal04, DFY<sup>+</sup>23, EWG94, HK19, IAA96, IABR<sup>+</sup>17, JGM09, KOT<sup>+</sup>20, KVS<sup>+</sup>09, LWB<sup>+</sup>20, LH15, LBM<sup>+</sup>20, LM96, LLW01, MDH16, NHBM10, PAM<sup>+</sup>04, RQNO04, RG06a, RG06b, SCD<sup>+</sup>22, STS11, TP96, TLW<sup>+</sup>94, VALW23, VMF<sup>+</sup>16, VSFF09, WPLN96, WBML06]. **last** [BIP<sup>+</sup>02, BLI<sup>+</sup>09, DW15a, DNG<sup>+</sup>12, DFA<sup>+</sup>20, FMH<sup>+</sup>02, GBC<sup>+</sup>05, GHM<sup>+</sup>12, HdVGHM02, HSS<sup>+</sup>12, IOTS16, ITM<sup>+</sup>12, ITK<sup>+</sup>16, KSH12, MRB<sup>+</sup>14, PWF03, PCY<sup>+</sup>13, RRL<sup>+</sup>14, RLPF07, ACFS02, CMVS<sup>+</sup>10, LXWC21, LAT<sup>+</sup>18]. **Late** [ACBMQ08, BW99a, CSS<sup>+</sup>02, EBM<sup>+</sup>25, EGL<sup>+</sup>16, MT15, OTK<sup>+</sup>05, SMB<sup>+</sup>17, SLB<sup>+</sup>15, TT05, WMP<sup>+</sup>11, WCJ97, YKY<sup>+</sup>07, CRM<sup>+</sup>16, DSB<sup>+</sup>18, DW15a, DEL<sup>+</sup>17, Die07, FWP<sup>+</sup>07, FPB04, GTTKB14, GSdS<sup>+</sup>14, HKY<sup>+</sup>16, IKR<sup>+</sup>12, KT05, KMM<sup>+</sup>08, MWS<sup>+</sup>15, MPC99, MDT<sup>+</sup>08, OVKN11, OTA<sup>+</sup>05, OACA19, OSCS00, PF02, RVJG<sup>+</sup>02, RVJG<sup>+</sup>05, RQNO04, SMS01, SLA<sup>+</sup>01, SLP<sup>+</sup>17, SKF<sup>+</sup>10, TMT<sup>+</sup>11, THT11, TML<sup>+</sup>16, WSL07, YK16, YCA<sup>+</sup>20, ZSLL15, dBC<sup>+</sup>09, ASS02, Ber24, Cha07, KKT16, Led93, MAK<sup>+</sup>16, PDBH03, SSR<sup>+</sup>14]. **late-summer** [OACA19]. **later** [IPLCHRM19]. **lateral** [AML<sup>+</sup>19, BMT20, CMG<sup>+</sup>12, FBS94, MS06b, RBP<sup>+</sup>94, SFG98, WFA<sup>+</sup>95]. **Latitude** [MTG18, Car07, CWdE99, Dri09, GKGW22, LBM09, MGK19, MLVM02, PSK<sup>+</sup>00b, PTS17, SKL<sup>+</sup>22, SHD<sup>+</sup>96, WAN<sup>+</sup>15, WCJ97]. **latitudes** [LMG93, NGS<sup>+</sup>20, WWN<sup>+</sup>02]. **Latitudinal** [ADE22, CG21, CSF<sup>+</sup>12, FUGG<sup>+</sup>09, FG97, JLJ<sup>+</sup>12, Kas24, OB22a, RDLZ02, SHI06, SBD<sup>+</sup>97, SBN<sup>+</sup>15, SL12, THZ06, TRB98, WZW<sup>+</sup>95, ZDWR95, ATI<sup>+</sup>23, CAH<sup>+</sup>09, JNB17, KVS<sup>+</sup>09, LBE06, OvdRvA<sup>+</sup>22, PHS17a, SBB<sup>+</sup>11]. **lato** [HNS<sup>+</sup>11]. **lattice** [LKTS01]. **Laubier** [DCA<sup>+</sup>98]. **launch** [OSG<sup>+</sup>13]. **lavas** [RSP<sup>+</sup>98]. **Lavrentyev** [CP22, Ste13]. **Lawrence** [HNB<sup>+</sup>13, RSR<sup>+</sup>00, TLKT00, WTI<sup>+</sup>20, DSO<sup>+</sup>00, DKI<sup>+</sup>00, DI00, GLCP12, MCS<sup>+</sup>09, PCB<sup>+</sup>00, RSRL00, SVR<sup>+</sup>00, VSR<sup>+</sup>00, ZX12]. **laws** [NYNK05]. **Layer** [PLRV22, AML<sup>+</sup>19, Ano05e, BKKK24, BGS98, BS98, BB98, BJF16, BSP00, BU05, CBCT09, CMT93, CBW01, DS24, DP02, DDL06, DJCF09, DKI<sup>+</sup>00, DI00, EWG94, FM99, FGF<sup>+</sup>14, FvFC<sup>+</sup>11, FCAD04, FGH<sup>+</sup>13a, FC09, GCRW95, GGRW99, GGT<sup>+</sup>02, GK04, HS96, HTM<sup>+</sup>03, JDL<sup>+</sup>22, JCPC09, KFJ<sup>+</sup>05, KN05, LKD<sup>+</sup>15, LML<sup>+</sup>01, LMA08, LHX<sup>+</sup>22, LZZ<sup>+</sup>16, LYL22, MRRG23, MMS<sup>+</sup>16, MSM<sup>+</sup>02, MS12, MKS<sup>+</sup>02, NYNK05, NS93, NC97, OM14, OE06, OHFW93, PTM<sup>+</sup>16, PBGCD<sup>+</sup>13, PF06, PKZ93, RH07, RFHL99, Sco05, SS09, SGJ<sup>+</sup>20, SNB02, SHM<sup>+</sup>20, SWLW11, SBB<sup>+</sup>05, TWC<sup>+</sup>07, TNIW02, VMI<sup>+</sup>08, VTD<sup>+</sup>20, WNRM08, YLU<sup>+</sup>14, Zül05, Sor99]. **layer/planktonic** [DP02]. **layered** [CSL<sup>+</sup>22]. **layerobservations** [SS99a].

**layers** [BFT<sup>+</sup>97, BSRB17, CMV<sup>+</sup>20, DNG<sup>+</sup>12, FVSR14, FKW01, JLM20, JRKR19, KWF<sup>+</sup>19, KMM<sup>+</sup>08, LN01, OSM<sup>+</sup>20, OGBF08, PHK<sup>+</sup>14, SNS10, SYT<sup>+</sup>10, SBHS20, TMC<sup>+</sup>14, VPA<sup>+</sup>09]. **Lazarev** [FvFC<sup>+</sup>11, HPS<sup>+</sup>11, PDH<sup>+</sup>11]. **lazy** [MNR<sup>+</sup>11]. **leaching** [KFW01]. **Lead** [AHV<sup>+</sup>00, ACV<sup>+</sup>01, ACG<sup>+</sup>01, NDT<sup>+</sup>01, VCRDF99]. **leader** [YFY<sup>+</sup>10]. **leading** [RHPR15]. **leads** [SF08, ZHD<sup>+</sup>08]. **leaf** [JS14]. **Leakage** [WW23]. **leaky** [MTK<sup>+</sup>14]. **Learmonth** [NDE14]. **learned** [ALHP18, GBS<sup>+</sup>22, LTF<sup>+</sup>19, VABCR<sup>+</sup>24]. **learning** [BFH<sup>+</sup>23, CKY23a, CKY23b, HCJ<sup>+</sup>22]. **learnt** [SBL<sup>+</sup>18]. **lease** [FR10, MP94]. **leatherback** [WNHF<sup>+</sup>15]. **leaving** [BY04]. **Lebbeus** [NCL13]. **Lebensspuren** [BJA13]. **LEDS** [ZS19]. **lee** [CRJB08, CCW<sup>+</sup>08, KND<sup>+</sup>08, MBNRB08, MBK08, NKD<sup>+</sup>08, RBN<sup>+</sup>08, VMM<sup>+</sup>08, WZZ<sup>+</sup>23, OM14]. **leeches** [UC13]. **Leeuwin** [BKM07, CMC11, DMW<sup>+</sup>07, FM03a, FMFW07, Gau07, HWTP07, HWP<sup>+</sup>07, MFPL19, MPI07, MFFM03, MBO07, RPM07, WTP<sup>+</sup>07, WPG<sup>+</sup>07]. **Leg** [KOS<sup>+</sup>16, NGM<sup>+</sup>05, GPK02]. **legacy** [SPS<sup>+</sup>09]. **legend** [Ano17f, Ano17g, Ano17h]. **legendary** [BM15]. **legged** [VM13]. **Leiopathes** [EWF<sup>+</sup>18]. **Lemnos** [TKP<sup>+</sup>20]. **lemuru** [SNH<sup>+</sup>23, SWK<sup>+</sup>23]. **length** [MN10]. **lentinosa** [NGM<sup>+</sup>20]. **leonina** [GBC<sup>+</sup>13, MdSLH13]. **Lepidepcreella** [BVL04]. **lepidepcreellid** [BVL04]. **Lepidisis** [STR<sup>+</sup>14]. **Leptostraca** [HRS<sup>+</sup>23]. **lesion** [DAN23]. **Leslie** [CAJE15]. **less** [NB10]. **Lessons** [CMP14, LTF<sup>+</sup>19, LZM<sup>+</sup>13, VABCR<sup>+</sup>24, GBS<sup>+</sup>22, Reb03, SBL<sup>+</sup>18]. **lethality** [BKS<sup>+</sup>10]. **Leuca** [Di 10, MDC<sup>+</sup>10, SC10, BFT10, CMVS<sup>+</sup>10, DCC<sup>+</sup>17, ESL<sup>+</sup>10, RVD<sup>+</sup>10]. **leucas** [EF98]. **Levantine** [OGG<sup>+</sup>20, AZK<sup>+</sup>20, AKHR<sup>+</sup>20, CKH<sup>+</sup>05, EFR<sup>+</sup>19, KWA<sup>+</sup>20, KVPK20, KWH<sup>+</sup>05, ÖHÜ<sup>+</sup>93, PZK<sup>+</sup>05, SLM<sup>+</sup>20, TGLN93, VPA<sup>+</sup>20]. **levee** [SSHB03]. **Levefre** [Ano97c]. **level** [ACK<sup>+</sup>14, AL13, BLSW05, BMB<sup>+</sup>18, BGH<sup>+</sup>19, CHH<sup>+</sup>21, DIM<sup>+</sup>12, DLB<sup>+</sup>11, EHL02, HGM<sup>+</sup>11, JCF<sup>+</sup>06b, LFPC14, LZS<sup>+</sup>18, LSGM02, MMID17, OYK15, OKY<sup>+</sup>17, PFX<sup>+</sup>02]. **level-related** [BGH<sup>+</sup>19]. **levels** [BRD<sup>+</sup>18, DPS<sup>+</sup>14, DTP<sup>+</sup>05, PTD<sup>+</sup>14, SMS<sup>+</sup>07, TBB<sup>+</sup>14, WLY<sup>+</sup>22, ZTZB09]. **LGM** [CRM<sup>+</sup>16]. **libraries** [LTG<sup>+</sup>09]. **Lidar** [YAS<sup>+</sup>93, CMV<sup>+</sup>20]. **lies** [NRSL17]. **Life** [Ano09b, SH11a, SKH<sup>+</sup>10a, ABE<sup>+</sup>11, BGIJ<sup>+</sup>06, BZS<sup>+</sup>16, BFF<sup>+</sup>10, BMK09, CMC11, CCC<sup>+</sup>23, DDAH<sup>+</sup>14, DM16b, DSC<sup>+</sup>19, DABF<sup>+</sup>16, FGB10, GGPM05, HiI<sup>+</sup>19, HiI<sup>+</sup>20, HPH<sup>+</sup>16, IDSM04, JKJ<sup>+</sup>22, JAP<sup>+</sup>13, KCMT<sup>+</sup>20, Man94, MDH16, NA09, PDH<sup>+</sup>11, Pro09, RS15, ROY13, RGIH<sup>+</sup>06, SDB<sup>+</sup>19, SSDA13, SMV<sup>+</sup>13, SHC<sup>+</sup>22, Ste10, Vri09]. **life-cycle** [FGB10]. **life-history** [NA09, SHC<sup>+</sup>22]. **life-stage** [GGPM05]. **lifetime** [HON<sup>+</sup>13]. **ligands** [BBB13, GBL<sup>+</sup>08, ISB<sup>+</sup>11, JBS<sup>+</sup>13, MP99]. **Light** [HLFP08, AA12, BW93, DO96, Eks07, GOH<sup>+</sup>15, HH20, MBHP99, MSH<sup>+</sup>07, MHP<sup>+</sup>07, PHD<sup>+</sup>11, PKZ93, PPL<sup>+</sup>07, PDE<sup>+</sup>16, RVZ02, SM96a, VGGLB15, VCM<sup>+</sup>14, ZLOR02, Zon07]. **like** [CAK15, GCKC07, LV17, ODP<sup>+</sup>17]. **Limacina** [BTFB12, BJF16, PTM<sup>+</sup>16]. **limb** [GLBB11]. **Limestone** [Cha07]. **limit** [LSS<sup>+</sup>11]. **limitation**

[AA12, BBB<sup>+</sup>11b, CRD01, DP99, FME<sup>+</sup>09, GCB04, HDD<sup>+</sup>11, LFHM97, MBHP99, MTWC<sup>+</sup>15, ML20, MNPT06, MDGF01, NBSF01, PHD<sup>+</sup>11, PKA05, RN96, SBQ<sup>+</sup>02, SF08, TRB<sup>+</sup>19, WTCB09, WM99]. **Limited** [KCM<sup>+</sup>14, CSW<sup>+</sup>17, DCF<sup>+</sup>11, LVJC17, ZHK<sup>+</sup>05]. **limiting** [KLKB95]. **limits** [MC15]. **limosa** [VWTK18]. **limpets** [YERT13]. **line** [DHS<sup>+</sup>09, KOM17, MSA<sup>+</sup>14]. **line-source** [DHS<sup>+</sup>09]. **lineages** [IUdV<sup>+</sup>12, LVJC17, PFdSG11, ZJFV15]. **linear** [BDL<sup>+</sup>14, Pal19, Wun13]. **lingering** [NM18]. **link** [BASLK04, Gut06, LGVK<sup>+</sup>14, TMP<sup>+</sup>19]. **linkage** [EQW<sup>+</sup>13, MBDB<sup>+</sup>24]. **Linkages** [Ano05d, CSG<sup>+</sup>13, RNB07, YK05, AKK<sup>+</sup>14, BFD<sup>+</sup>23, BMK05, BNM08, CDRB16, HWCT11, PHH<sup>+</sup>16, PMM<sup>+</sup>94, WWV12]. **linked** [DSG<sup>+</sup>09b, EHK<sup>+</sup>20, GWZ16, LRN<sup>+</sup>14, WOM<sup>+</sup>16]. **Linking** [AMK<sup>+</sup>05, MM05, ROPB03, SMA<sup>+</sup>17, VM13, Ark13, GEP<sup>+</sup>16, MSGO18].

**Links** [CPW<sup>+</sup>18, LWL<sup>+</sup>16, LSB07, CM00, Hil04, Hin09, HTW14, JRG<sup>+</sup>22, TSWJ12]. **Linne** [Pro09]. **Lion** [Ano97c, RDdL<sup>+</sup>13, VAMPR<sup>+</sup>17]. **lions** [CFGR07, GS06a, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16, LMM<sup>+</sup>97, SVB<sup>+</sup>19, Tho97]. **lipase** [BGG<sup>+</sup>09]. **Lipid** [BGG<sup>+</sup>09, LPFS97, PSS<sup>+</sup>16, WPHL02, CHG15, CSS<sup>+</sup>22a, CSS<sup>+</sup>22b, GGRJD<sup>+</sup>10, KLY<sup>+</sup>15, PNVJ13, WHL<sup>+</sup>97, YBHM05]. **Lipids** [JH04, DLL<sup>+</sup>15, FPHH<sup>+</sup>09, FLM10, JWC09, JLK03]. **lipophilic** [dSVC<sup>+</sup>14]. **Lisboa** [dJMTGG11]. **Lisbon** [dSJB<sup>+</sup>11]. **Lisbon-Setúbal** [dSJB<sup>+</sup>11]. **Lissarca** [CL06]. **list** [PDB<sup>+</sup>20]. **Literature** [ŽSN<sup>+</sup>18].

**lithification** [GTB15]. **Lithium** [CH07]. **lithogenic** [CRS<sup>+</sup>19, CAFK03a, CDH<sup>+</sup>00, LBV<sup>+</sup>08, OL15, ZLJ08]. **Litter** [MTMH11, PGPI<sup>+</sup>13, vdBGM<sup>+</sup>17]. **little** [CC13, RCKCK07]. **little-known** [CC13]. **Liu** [Won15]. **live** [MGK19, CG04]. **live-dead** [MGK19]. **lived** [CMW<sup>+</sup>05, CBB<sup>+</sup>00, KM05a]. **lives** [LPA<sup>+</sup>95]. **Living** [ATJ05, FDR<sup>+</sup>18, GMMS05, KMM<sup>+</sup>08, SNK07, WMW96, BAS00, BCG<sup>+</sup>22, BGB08, FBP<sup>+</sup>17, FMZ15, FDP<sup>+</sup>14, KB15, LWW<sup>+</sup>15, RSdV<sup>+</sup>09, SLDL93, Sei13, TS13, VVV04b, ZS19]. **living-resources** [ZS19]. **Livingston** [Can06]. **LMEs** [BH19b, Sum19]. **load** [KW03, WCRG95]. **loadings** [MBB<sup>+</sup>02]. **lobe** [BSS<sup>+</sup>17, CRD<sup>+</sup>17, DDB<sup>+</sup>17, ROB<sup>+</sup>17, SDT<sup>+</sup>17]. **lobes** [RBDO17, SSB<sup>+</sup>17]. **Lobo** [BRCFP23, BRCFP23]. **Lobo-lobo** [BRCFP23]. **Lobodon** [MCBC08]. **lobster** [CRT<sup>+</sup>00]. **Local** [BBLE24, DWBP13, HBB<sup>+</sup>13, SFR<sup>+</sup>06, Wil08, AL13, CMC11, DSG<sup>+</sup>09b, Gag04, GASGB<sup>+</sup>14, HCHD09, MBP09, OM98, Pal04, SSP<sup>+</sup>09, TSWJ12, Yu03]. **located** [BMGC09].

**location** [CBHF10, FPS10, HPS<sup>+</sup>13, RJM<sup>+</sup>15]. **locations** [CBW01, ERPF11, GBB<sup>+</sup>17, LWB<sup>+</sup>20]. **locking** [LWS21]. **Lockne** [OM02]. **logger** [RCKCK07]. **loggerhead** [PUB<sup>+</sup>06]. **loggers** [GBC<sup>+</sup>13, JBB<sup>+</sup>13]. **logging** [Ano07c, ELP13, HBM<sup>+</sup>07, Pon07, YKN07]. **Loihi** [MTDK98]. **Loki** [KEA<sup>+</sup>17]. **Loligo** [SMV<sup>+</sup>13]. **lomvia** [WTI<sup>+</sup>20]. **Lonchiphora** [GJ11]. **Long** [ASS02, AKK<sup>+</sup>14, BBR<sup>+</sup>10, BMOW09, BL03, Bre93, Duc08, GUSB03, JPM99, KBL01, LSdC<sup>+</sup>10, LDBvdB17, LO03, LW15, LBD<sup>+</sup>22, NLS<sup>+</sup>10, Reb03, RPF01, RVGF02, RSS01, SRS<sup>+</sup>15, SD98, SM03, SBC<sup>+</sup>16, WP17,

YPY<sup>+13</sup>, YKO15, ADRS19, AMTE09, BC08, BGS98, BG08, CFK15,  
 CMW<sup>+05</sup>, DHM<sup>+22</sup>, DVCG<sup>+12</sup>, DEK<sup>+08</sup>, GLCP12, GG02, HZK04,  
 HNCW23, LMF<sup>+21</sup>, MSA<sup>+14</sup>, PCT18, PLGCL09, SS09, SSP<sup>+09</sup>, SBG<sup>+03</sup>,  
 SWLL23, SGL99, SD96, WSLP10, Ynd09]. **long-lived** [CMW<sup>+05</sup>].  
**long-range** [CFK15]. **long-range-transported** [SSP<sup>+09</sup>]. **Long-term**  
 [ASS02, AKK<sup>+14</sup>, BBR<sup>+10</sup>, BMOW09, BL03, Bre93, Duc08, JPM99, KBL01,  
 LSdC<sup>+10</sup>, LDBvdB17, LO03, LBD<sup>+22</sup>, NLS<sup>+10</sup>, Reb03, RPF01, RVGF02,  
 RSS01, SRS<sup>+15</sup>, SM03, SBC<sup>+16</sup>, WP17, YPY<sup>+13</sup>, YKO15, ADRS19,  
 AMTE09, BC08, BG08, DVCG<sup>+12</sup>, DEK<sup>+08</sup>, HZK04, HNCW23, LMF<sup>+21</sup>,  
 PCT18, SS09, WSLP10]. **longicauda** [GRB<sup>+17</sup>]. **longipes** [HPL<sup>+12</sup>].  
**longitudinal** [OvdRvA<sup>+22</sup>, SLB18]. **longline**  
 [DWM<sup>+15</sup>, HHMF11, LFKF<sup>+17</sup>, MWT<sup>+17</sup>, JMP<sup>+19</sup>, TMGLM19]. **longlines**  
 [FCBD08]. **Longwaves** [FDM<sup>+97</sup>]. **look** [AS02a, GSP14, SCB<sup>+01</sup>]. **looking**  
 [HVBO08]. **Lookout** [Bla94]. **loop** [KRB95, WLH<sup>+16</sup>, YFL<sup>+23</sup>, CH24].  
**Looping** [CMRI13, SRBR05]. **Lophelia** [AHVB<sup>+17</sup>, BRB<sup>+13</sup>, BR14,  
 BMSBM<sup>+17</sup>, HWK<sup>+14</sup>, JBJ17, LPPCF10, NOFP14]. **Lophius** [LAÁ<sup>+14</sup>].  
**Lophogastridea** [LDBS<sup>+17</sup>]. **Lopphavet** [SSR<sup>+14</sup>]. **Lord**  
 [DLHH11, ANS<sup>+11</sup>, Har11, KBW<sup>+11</sup>, NHD11, PWN<sup>+11</sup>, RHD<sup>+11</sup>,  
 WACGH11, ZRC<sup>+11</sup>]. **losers** [LWJR22]. **loss**  
 [CSS<sup>+22b</sup>, LWJR22, PHD<sup>+18</sup>, RRWR08, RFHL99, WTT<sup>+20</sup>]. **losses**  
 [KSS00a, KLD21, LZZ<sup>+16</sup>]. **lost** [BSCR11]. **Lotus** [JS14]. **Lotus-leaf** [JS14].  
**Lough** [Ano97b, OM14]. **Louisiana** [WCSA<sup>+16</sup>]. **Low**  
 [BCN<sup>+17</sup>, Blo02, KCY<sup>+16</sup>, LDV<sup>+02</sup>, PKZ93, SPF<sup>+94</sup>, VAMPR<sup>+17</sup>, BBL<sup>+13</sup>,  
 BMB<sup>+18</sup>, CMJ<sup>+18</sup>, GEP<sup>+16</sup>, GMD07, LB07, LG00, LLL<sup>+15</sup>, LJHAA19,  
 LGF03, LMG93, MBL<sup>+15</sup>, NSKG96, OUJ<sup>+19</sup>, OHFW93, OBKA17, SFB16,  
 TRM<sup>+07</sup>, VCM<sup>+14</sup>, RBO07]. **low-Arctic** [GMD07]. **low-chlorophyll**  
 [LGF03]. **Low-frequency** [LDV<sup>+02</sup>, SPF<sup>+94</sup>]. **low-oxygen** [OHFW93].  
**Low-temperature** [Blo02, TRM<sup>+07</sup>]. **lower** [BRD<sup>+18</sup>, BLM<sup>+10</sup>, BHSJ16,  
 Car10, CHH<sup>+21</sup>, CBHF10, EHK<sup>+20</sup>, GW98, JCF<sup>+06b</sup>, KKUK10, LSGM02,  
 MSH10, MCH22, Osc01, PAR<sup>+08</sup>, RFJ10, RSH10, WCJ97]. **lower-slope**  
 [CBHF10]. **Loxosomatidae** [BCNS15]. **Loxosomella** [BCNS15]. **LTER**  
 [GO15, MSS15, RQM<sup>+08</sup>]. **lucetia** [GGAMV<sup>+23</sup>]. **Lucicutia** [GW98].  
**Lucky** [MCB<sup>+15</sup>]. **Luhuitou** [ZHY<sup>+13</sup>]. **Luzon** [CHL<sup>+15</sup>, CW22, SWO10].  
**lyase** [SMGB02, SMGB03]. **Lydonia** [MS09]. **Lyman** [BTC13]. **lyre**  
 [GKBG17]. **Lysianassoid** [KBF<sup>+08</sup>]. **Lysianassoidea**  
 [BVL04, DHST13, HNS<sup>+11</sup>]. **lysis** [BTUV08]. **lysocline** [Che02].

**M** [Ano97c, CP22, DCBS98, Ste13, BSJ13, BRPH20, CPF<sup>+14</sup>, CdST<sup>+17</sup>,  
 CSGV13, CMB02, DBBWH20, FARLR<sup>+13</sup>, GHIM04, GHG<sup>+04</sup>, GG02, LG09,  
 LWM<sup>+09</sup>, NRM<sup>+99</sup>, PBN10, PDB<sup>+20</sup>, RdGM<sup>+09</sup>, RMCAR06, SKSW02,  
 SBE<sup>+99</sup>, SGM<sup>+02</sup>, SHY<sup>+08</sup>, SWMB10, TGRB02, TR02, VVV04a, WEB93,  
 WAP<sup>+18</sup>, WAM<sup>+18</sup>, WGG98, BWD20, BRPH20, CMH<sup>+20</sup>, LSST20,  
 PDB<sup>+20</sup>, SKC99]. **M.** [Mal15]. **M1** [PC00]. **Ma** [KKT16, NGM<sup>+05</sup>].  
**machine** [BFH<sup>+23</sup>, HCJ<sup>+22</sup>]. **mackerel**



[DFY<sup>+</sup>23, HiI<sup>+</sup>19, HiI<sup>+</sup>20, LTL<sup>+</sup>23, OUJ<sup>+</sup>19, WYL<sup>+</sup>20]. **mackerels** [LH15]. **Macoma** [GGC19]. **Macondo** [CDM<sup>+</sup>16, JBÖ<sup>+</sup>16, LAPL<sup>+</sup>16]. **Macro** [BBAL<sup>+</sup>20, LBB<sup>+</sup>07, BS98, BHS<sup>+</sup>19, BFA<sup>+</sup>08, DYEJ08, Gut06, MLH<sup>+</sup>22, PDK<sup>+</sup>14]. **Macro-** [BBAL<sup>+</sup>20, LBB<sup>+</sup>07, BS98, BFA<sup>+</sup>08]. **macro-and** [MLH<sup>+</sup>22]. **macro-invertebrates** [PDK<sup>+</sup>14]. **macro-tidal** [BHS<sup>+</sup>19]. **macro-zoobenthic** [Gut06]. **macro-zooplankton** [DYEJ08]. **macroalgae** [GGP<sup>+</sup>14]. **Macrobenthic** [GPC<sup>+</sup>04, LGML00, BF14, BMGC09, LG00, LPS14, SLS<sup>+</sup>09]. **Macrocephos** [LMKL09, DGK10, DSO<sup>+</sup>00, FMZ15, IARR01]. **macrocephala** [MMN10]. **macrocephalus** [BZS<sup>+</sup>16, CCC<sup>+</sup>23, FHAH16, HSC<sup>+</sup>19, MMS<sup>+</sup>19, MDH16, MZH16, NHCL14, SH16, SHPM14]. **macrochir** [KPBK08]. **macrodescriptor** [MA09]. **macroecological** [BVB14a]. **Macrofauna** [FvFC<sup>+</sup>11, Bor01, BEM<sup>+</sup>15, BFB<sup>+</sup>18, CMP14, Gag04, GLdS<sup>+</sup>09, LG98, LMG17, MBI<sup>+</sup>10, RKM<sup>+</sup>23b, WCSA<sup>+</sup>16, Wit00]. **Macrofaunal** [BRBD17, BSL08b, GSM<sup>+</sup>08, HLL<sup>+</sup>09, SMB<sup>+</sup>98, VD98, BRP<sup>+</sup>13, BT98, BAF<sup>+</sup>18, CDM23, CPA<sup>+</sup>11, DVS<sup>+</sup>14, GMR<sup>+</sup>09, LS18, MTB09, ODP<sup>+</sup>17, Sor99, WHF<sup>+</sup>19]. **Macrofouling** [BSJ13]. **macroinvertebrate** [XSM<sup>+</sup>19]. **Macromolecular** [KLJ<sup>+</sup>16, YLK<sup>+</sup>15]. **Macronutrient** [FBCP01, HTA<sup>+</sup>17, PWH05]. **macronutrients** [CMW<sup>+</sup>08, DEL<sup>+</sup>17, Zon07]. **macroplankton** [KOO<sup>+</sup>24]. **Macrostylidae** [RLB18b]. **Macrostylis** [KBR18]. **macrotidal** [PRP15]. **macrourid** [FARLR<sup>+</sup>13]. **Macrouridae** [KVM025]. **macrourids** [PK08]. **Macrourus** [PK08]. **Macrozooplankton** [HSK<sup>+</sup>00, DC12, FPGH02, HPS<sup>+</sup>11, KFG<sup>+</sup>03, KRS<sup>+</sup>11, LRR<sup>+</sup>04, MAH<sup>+</sup>12, PDT11a, SHY<sup>+</sup>08]. **macrura** [WMW<sup>+</sup>20]. **macura** [FLM10]. **Madagascar** [HZK04, ATLD<sup>+</sup>20, CDDC03, HZK04, NMWH19, PGK14, RT20, RNR20, VTD<sup>+</sup>20, VHT<sup>+</sup>20, WGW<sup>+</sup>19]. **Madden** [AMH<sup>+</sup>24, TSS<sup>+</sup>21]. **made** [BDM<sup>+</sup>03, CWD<sup>+</sup>10]. **Madrepora** [AHVB<sup>+</sup>17, NOFP14]. **MADRidge** [RTM<sup>+</sup>20, RT20]. **Magdalena** [RAR04]. **magellanicus** [DVC14, TLW<sup>+</sup>94]. **magmatic** [Bak98, CL15]. **Magnetic** [Ell93]. **Magnitude** [MFE<sup>+</sup>02, HPWP07, OHS10, ZXH<sup>+</sup>13]. **Mahon** [OM14]. **Main** [DVS<sup>+</sup>14, HSY08, Kha18, VGGLB15, WSF<sup>+</sup>24]. **Maine** [CPS05, DTP<sup>+</sup>05, FHR<sup>+</sup>14, GKQ<sup>+</sup>05, LLK05, PCJ<sup>+</sup>05, TMTR14, TDKA05, ASK<sup>+</sup>05, AKK<sup>+</sup>05, AKK<sup>+</sup>14, ACK<sup>+</sup>14, Ano05a, ABS<sup>+</sup>14, BMH05, BSM01b, BAD<sup>+</sup>14, CTCD05, CPH01, DRR<sup>+</sup>14, DPS<sup>+</sup>14, ER05, HS05a, HTW14, JCP05, JPC06, KCMA05, KCA05, KTP05a, KAM<sup>+</sup>14, LHM14a, LHM14b, LSHP01, LTH05, MTK05, MAST05, MALT05, MBC<sup>+</sup>14, MO96, MSB96, PTD<sup>+</sup>14, PHK<sup>+</sup>14, PAM<sup>+</sup>14, PKA05, Pri06, RT14, SKM14a, SHFM01, SMSA05, TC06, TBT05, TPT05, TB05]. **Maintenance** [OHFW93, VDS<sup>+</sup>20, CLB96, GWL<sup>+</sup>15, MCD<sup>+</sup>09, SRS<sup>+</sup>15]. **Major** [Gra09, MKKB14, RvAH10, BSK<sup>+</sup>97, CH24, CP05, GPÇ18, HIN<sup>+</sup>02, JC03, LOA15, RT20, SHWW22, YHK15]. **Makapu'u** [LB14]. **Makarov** [SJA<sup>+</sup>97]. **Makassar** [WGFS03]. **Malacostraca** [GBPB<sup>+</sup>13, LMS15, BBBM04]. **Malate** [GQ09]. **Malcolm** [ROY13]. **male** [LV17]. **Mallorca** [CB97]. **Mallorca-Menorca** [CB97]. **Mallotus** [ASF<sup>+</sup>16, LSWH07, ODR<sup>+</sup>09].

**Malvinas** [GSMG04]. **mammal** [CLQ<sup>+</sup>18, GR10, LS17, QRE<sup>+</sup>17, TBPS22].  
**mammals** [CTH<sup>+</sup>98, MK19, SCD14]. **mamubiae** [MM15]. **man**  
 [BDM<sup>+</sup>03, MFS<sup>+</sup>23]. **man-made** [BDM<sup>+</sup>03]. **management**  
 [BC08, BH14, BCG<sup>+</sup>22, CMB09, CWEHT22, DGT<sup>+</sup>17a, GBS<sup>+</sup>22, GCD<sup>+</sup>06,  
 GAHD<sup>+</sup>17, HHMF11, HSSH23, HSBT19, KAM<sup>+</sup>14, LLC17, MGT<sup>+</sup>20,  
 MPH<sup>+</sup>16, PLD<sup>+</sup>17, PMF<sup>+</sup>17, SCCG09, WGNH15]. **managers** [BHS<sup>+</sup>17].  
**managing** [DCD<sup>+</sup>14]. **Mandab** [Sme04]. **mandala** [Wya14]. **Mandeb**  
 [SJM02]. **Manganese**  
 [LSS<sup>+</sup>09, MBF<sup>+</sup>98, ODH<sup>+</sup>07, CBB<sup>+</sup>98, ESDM13, GBO01, KAI21, LL00,  
 MvSHD01, MdBL<sup>+</sup>11, NSMBN08, OBRJ01, WRZ<sup>+</sup>19, YET06]. **Mangkhut**  
 [CW22]. **Manifestation** [DAA<sup>+</sup>20]. **manipulations** [BGH99]. **Manteo**  
 [MP94]. **Manus** [EMV09]. **many** [DDS11]. **map**  
 [JBB<sup>+</sup>13, NHD11, SGB<sup>+</sup>02]. **MAPEM** [TZ09]. **Mapping**  
 [HON<sup>+</sup>13, NDE14, THV<sup>+</sup>99, CES98, DHS<sup>+</sup>14, GASGB<sup>+</sup>14, MXC15,  
 SMY<sup>+</sup>98, WMB<sup>+</sup>13]. **MAR** [MBMGK08, PBB<sup>+</sup>13, dLWFB08]. **MAR-ECO**  
 [dLWFB08, MBMGK08]. **MarBIN** [GDC11]. **Marcasite** [Sch07]. **March**  
 [Ano19l, DZY<sup>+</sup>01, FD98, JKK<sup>+</sup>10, MDSA19, NPBS00, SAM<sup>+</sup>13, SGW<sup>+</sup>00,  
 WRBS10, WvdE00, Ano99l, Ano21j, Ano22s, BSMV03, CSG<sup>+</sup>13, EHK09,  
 IF95, WDG<sup>+</sup>02, vAvVV<sup>+</sup>03]. **MARE** [vAvVV<sup>+</sup>03]. **marenzelleri** [WF13].  
**Margalef** [Wya14]. **Margin** [SW00, WC01a, AMH<sup>+</sup>01, BDW<sup>+</sup>98, Bau02,  
 BBDL98, Bol08, BRBD17, BG09a, BLW<sup>+</sup>09, BMGC09, CBNR<sup>+</sup>09, CB00b,  
 CL09, CML<sup>+</sup>09, DRH<sup>+</sup>09, DBD03, DC08, DDB<sup>+</sup>97, DME<sup>+</sup>18, EWP<sup>+</sup>99,  
 EBGCL08, EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, ERB<sup>+</sup>99, FBS94, FARLR<sup>+</sup>13, FS14,  
 GMR<sup>+</sup>09, GLdS<sup>+</sup>09, GdSP11, GSdS<sup>+</sup>14, HBBD03, HZMH07, HMLS<sup>+</sup>06,  
 HVN02, HLL<sup>+</sup>09, JWC09, JBD<sup>+</sup>09, JWCC99, LSS<sup>+</sup>09, LOB<sup>+</sup>09, LSM<sup>+</sup>06a,  
 LWM<sup>+</sup>09, LLM<sup>+</sup>17, LSA14, MY99, MHA<sup>+</sup>01, MSD<sup>+</sup>18, MCD<sup>+</sup>09, MLG<sup>+</sup>04,  
 MBG09, NEO<sup>+</sup>07, NHD11, OBC<sup>+</sup>14, OCG<sup>+</sup>09, PUP<sup>+</sup>07, PFC19, PBVC<sup>+</sup>16,  
 PPM02, QSA<sup>+</sup>09, RCL<sup>+</sup>09, RH99, RdGM<sup>+</sup>09, RRT<sup>+</sup>17, RSRL00, SBDB09,  
 SHD<sup>+</sup>14, SV09, SSM<sup>+</sup>00, SJSI00, VCSM09, VRL<sup>+</sup>02, VBF<sup>+</sup>02, WC07a,  
 WNA<sup>+</sup>10, WC01b, WSB<sup>+</sup>09, WC09, WAC<sup>+</sup>09, ZCP<sup>+</sup>08, dMCNC99,  
 dSJB<sup>+</sup>11, vWDB<sup>+</sup>01, vdLEM<sup>+</sup>14, IBK<sup>+</sup>11, KBI<sup>+</sup>11, PLdL97, SSL98].  
**Marginal** [JRK<sup>+</sup>17, Ano95b, BS21, BBD<sup>+</sup>03, BES95, BOP95, CRS<sup>+</sup>19,  
 Cri95, FGW02, GKH<sup>+</sup>07, HTTS12, HK08, IIM02, KHL<sup>+</sup>15, LGP<sup>+</sup>03, MN10,  
 MWB95, NHD11, RV00, RHB<sup>+</sup>95, SRF95, SESS08, TRH<sup>+</sup>08, TOSH08,  
 THT11, TKF16, TLKT00, WZZ<sup>+</sup>23, WPW95, WNRM08, WZ03, WvdE00,  
 DEJ08, DYEJ08, PAR<sup>+</sup>08]. **Margins**  
 [Bau02, VBF<sup>+</sup>02, APT11, AHVB<sup>+</sup>17, DDB<sup>+</sup>97, HBCG14, HWS<sup>+</sup>98a,  
 HZWW16, MPZ04, MS06b, PF02, RBP<sup>+</sup>94, SO98, SSR96]. **Marguerite**  
 [AHV<sup>+</sup>17, ARW<sup>+</sup>04, ADG<sup>+</sup>08, BLO04, CHM<sup>+</sup>17, CRF04, CMW<sup>+</sup>08, CDT11,  
 DT08, FJF<sup>+</sup>11, FMS08, HVBO08, HBO11, MDTS11a, MDTS11b, MBW<sup>+</sup>08,  
 PDT11a, PEC<sup>+</sup>04, RCF<sup>+</sup>08, RBS<sup>+</sup>17b, SFW08, VMB17, WMB<sup>+</sup>08, ZZP04].  
**Maria**  
 [BFT10, CMVS<sup>+</sup>10, DCC<sup>+</sup>17, Di 10, ESL<sup>+</sup>10, MDC<sup>+</sup>10, RVD<sup>+</sup>10, SC10].  
**Mariana** [LAT<sup>+</sup>18, iITT<sup>+</sup>15, TTD13]. **Marine**

[Ake19, Ano09b, BJK<sup>+</sup>22, Bro19, DW15a, DKC<sup>+</sup>17, EHB19, GASGB<sup>+</sup>14, HD07, JVDH08, KKSA19, LP19, LVP<sup>+</sup>17, Lut09, MSvL17, MSGO18, MK19, MWFS17, MPTW11, PH19, PG07, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, PJC19, SH11a, SPDW19, SID19, SKR<sup>+</sup>12, Sum19, SBG<sup>+</sup>06, VSM17, YKSI19, ZPG14, ZQW19, ZDP<sup>+</sup>16, vdBGM<sup>+</sup>17, AYMSAS19, AJ95, AHV<sup>+</sup>00, Ark13, AZYT16, AGJ07, ASBR17, BH14, BHS<sup>+</sup>06, BOHW22, BA10, BWD20, BCG<sup>+</sup>22, BS21, BML<sup>+</sup>06, BCP<sup>+</sup>15, CFS<sup>+</sup>06, CLQ<sup>+</sup>18, CWEHT22, CNOC13, CWE<sup>+</sup>17, CTH<sup>+</sup>98, CRI18, DWG<sup>+</sup>15, DHCv19, DMC<sup>+</sup>17, DM25, DHS<sup>+</sup>14, DDS11, DeM02, DW15b, DAN23, DJCF09, Duc08, DGT17b, EPK<sup>+</sup>10, EPPR09, EBG<sup>+</sup>15, FPB<sup>+</sup>14, FO05, Fri01, FG07, GFK24, GRD<sup>+</sup>08, GR10, GF07, GKB19, GDC11, HSSH23, Hat02b, HM14, HH20, HAE<sup>+</sup>15, HDJP05, HSSN08, JRJ<sup>+</sup>22, JLC03, JRK<sup>+</sup>17, KRW03, KMMS18, KMB11, KYW20, KMOM19]. **marine** [LWO<sup>+</sup>09, LPFS97, LHS96, LAGK<sup>+</sup>18, LS17, LPAR24, LHKHH10, LLT<sup>+</sup>00, Mac08, MSMS08, MBH<sup>+</sup>96, MGT<sup>+</sup>20, Mas02, MCH22, MDS<sup>+</sup>16, MXC15, MV23, MDK<sup>+</sup>01, NCSO13, OPDM11, OBRJ01, OL15, OM02, ORFA<sup>+</sup>14, PW15, Pas16, PLPS98, Pon07, PSP<sup>+</sup>09, QQJ<sup>+</sup>21, RH14, RSGC25, Sch07, SCD14, SE24, SPEPS18, SCPC98, SBL<sup>+</sup>18, SHM<sup>+</sup>07, SSB<sup>+</sup>06, SSAF02, TAMTC<sup>+</sup>13, Tho97, TDvdE<sup>+</sup>10, TM22, TBPS22, TGFE02, TBFP04, Uys06, VAT23, VVV04b, VGD14, WKM<sup>+</sup>07a, WWH<sup>+</sup>10, WBCB06, WWB04, WPW<sup>+</sup>14, WSSN10, WAC<sup>+</sup>09, WYT19, XZW<sup>+</sup>19, YWW23, YSBH06, YHC<sup>+</sup>15, YBHM05, ZSKL19, ŽSN<sup>+</sup>18]. **Marine-entry** [VSM17]. **Marinobacter** [MGT16]. **marinoi** [MGG<sup>+</sup>09]. **marionae** [KBR18]. **Maritime** [SSC<sup>+</sup>23]. **marker** [RH07]. **markers** [BLS<sup>+</sup>97, Har94, JH04, PPYN15, PSS<sup>+</sup>16, RD25, Vri09]. **marlin** [CCM<sup>+</sup>20]. **Marmara** [RDC<sup>+</sup>18a, ACBV<sup>+</sup>18, ÇYB<sup>+</sup>18, FDR<sup>+</sup>18, GPÇ18, GHD<sup>+</sup>18, HGK<sup>+</sup>18, RH07, RÇG18, RDC<sup>+</sup>18b, ROBV<sup>+</sup>18, TCG<sup>+</sup>18, Uys06, YLR18]. **marshallae** [PCAS05]. **MarsiteCruise** [ROBV<sup>+</sup>18]. **Mártir** [MML06]. **Maru** [CHU<sup>+</sup>00]. **Mascarene** [WWL02]. **MASFLEX** [TIKS03]. **Masked** [EF98]. **Mass** [AGPR95, CB00a, LTS<sup>+</sup>97, MPE<sup>+</sup>09, SLB<sup>+</sup>16, AKH<sup>+</sup>02, BNM<sup>+</sup>07, BH99a, CW97, CCM15, CJF<sup>+</sup>12, CP05, CRD<sup>+</sup>17, FDC<sup>+</sup>18, GLDCA<sup>+</sup>06, GGLP02, GP16, GOP<sup>+</sup>01, HCBP97, HWM02, HGMA<sup>+</sup>02, HdBB<sup>+</sup>02, HBK<sup>+</sup>98, IBD10, JR11, JSBC15, KM05b, KDMH18, KHB<sup>+</sup>04, KHL<sup>+</sup>17, Las93, LBY<sup>+</sup>10, MA05, MBS05, MLG<sup>+</sup>04, OHT12, PMM<sup>+</sup>94, RdGM<sup>+</sup>09, RLVF02, RJWD01, RYT01, SH99b, SKD<sup>+</sup>16, SWC<sup>+</sup>02, SBHS20, SFG98, SRF09b, SHFM01, SBS<sup>+</sup>02, SCSMT20, SYK<sup>+</sup>13, TRF<sup>+</sup>97, WJS<sup>+</sup>10, WLA11, WSFB02, WCJ97, YCYK10, vBBR<sup>+</sup>08]. **mass-balanced** [SCSMT20]. **masses** [BSK<sup>+</sup>97, BRW00, BLSS10, CBCT09, CPF<sup>+</sup>14, CRM<sup>+</sup>16, CAGLV<sup>+</sup>06, DEL<sup>+</sup>17, FHR<sup>+</sup>11, GCR<sup>+</sup>02, HDD<sup>+</sup>11, HSY08, KL96c, LHZ<sup>+</sup>16, MKB<sup>+</sup>10, OACA19, Pee97, PNL<sup>+</sup>19, PE17, RMCAR06, RAF<sup>+</sup>11, SSWM18, SHB02, SRF09b, SSC<sup>+</sup>00, SLB<sup>+</sup>16, SGP<sup>+</sup>11, TGA<sup>+</sup>09, TGLN93, TMTR14, VPK<sup>+</sup>19, VCO<sup>+</sup>15, YLBdR03, ZWK<sup>+</sup>15]. **Massif** [RKM23a, GTB15]. **massive** [BBS14, LS14a, ORFA<sup>+</sup>14, PTD<sup>+</sup>17, PCB<sup>+</sup>17, SZM10, SPB<sup>+</sup>14, TBC<sup>+</sup>17, ZAC<sup>+</sup>15]. **mat** [GPK02]. **material** [BS01, BMOW09, CAFK03a, CDH<sup>+</sup>00, CLGM05, Cri95, DB02, GJ11,

GHIM04, HMB<sup>+</sup>96, HHP<sup>+</sup>96, LBV<sup>+</sup>08, MHA<sup>+</sup>01, NRSL17, RHB<sup>+</sup>95, SMCA01, SRH<sup>+</sup>11, TRWB99, WCWW99]. **materials** [ANI09, BD94, KSDE16, NAT<sup>+</sup>12]. **maternal** [RHM13]. **mathematical** [CHG15]. **Mating** [FRBB10, BKS<sup>+</sup>10, HC13]. **matrices** [CAJE15, DRR<sup>+</sup>14]. **matrotrophy** [CGD<sup>+</sup>15]. **Matruh** [Gol93]. **matter** [AWL<sup>+</sup>09, ARC02, BGS98, BS03, BHMC05, BSS<sup>+</sup>17, BCG04, BBDL98, BA94, BSP00, BRP<sup>+</sup>13, BLS<sup>+</sup>97, BGG<sup>+</sup>09, CHPS00, CZVR02, CCZ<sup>+</sup>21, CM00, ÇYFB<sup>+</sup>06, ÇYAYT06, CLPL<sup>+</sup>09, CSS<sup>+</sup>02, DD95, DB05, DTB<sup>+</sup>02, DKN<sup>+</sup>97, DJS<sup>+</sup>08, DC00, DSYH09, EAS<sup>+</sup>09, ERB<sup>+</sup>99, FA02, FCP99, GGM<sup>+</sup>16, GLSK<sup>+</sup>17, GMC<sup>+</sup>12, GZZC10, HPS<sup>+</sup>13, HWM02, HLG<sup>+</sup>21, Har94, Hat02a, HK01, HIN<sup>+</sup>02, HVN02, HSC<sup>+</sup>07, HCG<sup>+</sup>03, HD02, HLM<sup>+</sup>01, KBLA97, KLY<sup>+</sup>15, KMC05, KVB<sup>+</sup>09, KSU<sup>+</sup>06, KW00, LGHD20, LG09, LQF<sup>+</sup>02, LPW<sup>+</sup>09, LG98, LWM<sup>+</sup>09, LWL<sup>+</sup>16, LKH<sup>+</sup>07, LFC16, MS06a, MPV<sup>+</sup>11, MORB<sup>+</sup>15, MBB<sup>+</sup>02, MD14, MGS<sup>+</sup>10, MSM<sup>+</sup>02, Mil94b, MFG<sup>+</sup>04, MGC<sup>+</sup>14, MBT97, MB08, NSKG96, NTS<sup>+</sup>11, PMJW10, PPZ93, Pfa93, PDY20, PDS<sup>+</sup>17, PDTS08, PGZ<sup>+</sup>09, QB02, RTB02, RCL<sup>+</sup>09, RGS<sup>+</sup>97, RPF<sup>+</sup>16, SSB<sup>+</sup>17, SSL98, SW00, SBN<sup>+</sup>15, SBA<sup>+</sup>20, SP00, SD96]. **matter** [SAM96, SJSI00, TRH<sup>+</sup>08, VCSM09, VKGP<sup>+</sup>11, VAK<sup>+</sup>09, WBM96, WC09, YCN<sup>+</sup>10, YCT<sup>+</sup>22, YBHM05, dMCNC99]. **maturation** [BKCV10]. **mature** [MBNRB08]. **maturity** [AST07, CHPF10, GPF16, KM15, LAÁ<sup>+</sup>14]. **Maud** [BBB<sup>+</sup>11a]. **Mauritania** [EFW<sup>+</sup>14]. **Mauritanian** [PLHMA06]. **Maurolicus** [RBS17a]. **Mawson** [WNRM08]. **maxima** [FLT97, HPWP07]. **maximum** [BLP<sup>+</sup>15, DW15a, FHP94, HSS<sup>+</sup>12, MASVB<sup>+</sup>19, MSRM08, NRH<sup>+</sup>06, PSE<sup>+</sup>93, PKZ93, TPS<sup>+</sup>15, ACFS02, LXWC21, LAT<sup>+</sup>18]. **May** [Ano99m, OTH05, Ano00n, Ano21k, Ano22t, Gra09, JPSB93, LSU04, LCR<sup>+</sup>96, LBB<sup>+</sup>06, OE06, RS02]. **May/June** [Gra09]. **Mayen** [NA09]. **MC118** [MMS<sup>+</sup>16]. **McLeay** [VAM97]. **meadow** [AHHCR23]. **Mean** [CGR<sup>+</sup>00, GPC14, LWL<sup>+</sup>24, MPI07, QC10, SJL05, SS99b, TSW<sup>+</sup>09, TLW<sup>+</sup>94]. **meander** [GSK02, Gol93]. **Meanders** [ARNB01, BPRS11, BKM07, CMBPM04]. **means** [BEM<sup>+</sup>15, CFR<sup>+</sup>14, CNOC13, DCD<sup>+</sup>14, RSS01, VMGO<sup>+</sup>09, vGCM00]. **Measured** [TSPH09, ADBW16, BT04, CMV<sup>+</sup>20, CKH<sup>+</sup>08, DDLK06, JLAD95, KSS00a, LBL08, LPW<sup>+</sup>09, LTH05, MCS07, PMGH01, Qua97, RG03, SOS01, SMB03, TRM<sup>+</sup>14, WEB93, YAS<sup>+</sup>93]. **Measurement** [JOD98, SBB<sup>+</sup>05, HO99, JEK<sup>+</sup>15, TBB<sup>+</sup>08]. **Measurements** [CSW<sup>+</sup>18, LCW<sup>+</sup>07, MSW11, BCH<sup>+</sup>96, BDBB07, BLO04, BDW<sup>+</sup>96, BFK<sup>+</sup>14, CTGD08, CBB<sup>+</sup>95, CMA<sup>+</sup>09, CCH95, DO96, FK98, GNG<sup>+</sup>22, GVW<sup>+</sup>19, GLW<sup>+</sup>97, HHKH<sup>+</sup>04, HWS<sup>+</sup>13, KLTS13, KWN<sup>+</sup>09, KKD06, KVPK20, LFPC14, LBJ<sup>+</sup>13, MMS<sup>+</sup>16, MDTS08, MNB02, MC12, Mit96, MRM<sup>+</sup>12, NDT<sup>+</sup>01, PHD<sup>+</sup>18, PDSS96, PPR<sup>+</sup>20b, RCL<sup>+</sup>09, RTC06, RPF01, SHF<sup>+</sup>95, SWC<sup>+</sup>02, SSY<sup>+</sup>05, SHM<sup>+</sup>01, VSGGPR14, WAW05b, WSL<sup>+</sup>11, XAY<sup>+</sup>11]. **measures** [Eks07, PSK<sup>+</sup>14, RTC<sup>+</sup>07]. **measuring** [PNS<sup>+</sup>09, RSWG04]. **mechanics** [Joh19]. **mechanism** [CDRB16, GKH<sup>+</sup>07, GEP<sup>+</sup>16, HGM<sup>+</sup>11, LWO<sup>+</sup>09, NSMBN08, PTM<sup>+</sup>16].

**Mechanisms** [DLF<sup>+</sup>09b, MR01, MALT05, AKM<sup>+</sup>05, DM25, DD15a, DD15b, EBM<sup>+</sup>18, Gau07, HRSJ23, HDW<sup>+</sup>20, JRG<sup>+</sup>22, JRK<sup>+</sup>17, KK19, MCM06, NC97, SVB<sup>+</sup>19, SRY04, SGC03, XZW<sup>+</sup>19, MTGY05]. **mechanistic** [ALH<sup>+</sup>01]. **Meddies** [SAM05]. **MEDESS** [FSP<sup>+</sup>16, COS<sup>+</sup>16, MPM<sup>+</sup>16]. **MEDESS-4MS** [FSP<sup>+</sup>16, COS<sup>+</sup>16, MPM<sup>+</sup>16]. **MedFlux** [LAC<sup>+</sup>09, WLP<sup>+</sup>09]. **mediated** [BA01, ENM<sup>+</sup>14, ENM<sup>+</sup>16, FJR<sup>+</sup>20, SGI<sup>+</sup>19]. **mediation** [SSLA95].

**Mediterranean** [AFC<sup>+</sup>17, BFDB17, Bre93, BLI<sup>+</sup>09, CMB02, Di 10, IABR<sup>+</sup>17, LPK<sup>+</sup>17, LLS<sup>+</sup>19, MDC<sup>+</sup>10, MGS<sup>+</sup>10, OGG<sup>+</sup>20, PLD<sup>+</sup>17, PMF<sup>+</sup>17, PDA<sup>+</sup>17, PST<sup>+</sup>05, RSR<sup>+</sup>19, RG93, SAG<sup>+</sup>10, TR02, VPK<sup>+</sup>19, VSR<sup>+</sup>10, AV97, APMN<sup>+</sup>17, AGL<sup>+</sup>19, AHV<sup>+</sup>00, AKZL16, ASB<sup>+</sup>02, AAG19, ALR<sup>+</sup>14, Avr02, AAL<sup>+</sup>17, BMCF97, BMP<sup>+</sup>09, BBN97, BCM02, BGCH20, BMRTL93, BMRP02, BFML<sup>+</sup>08, BWAS02, BLS<sup>+</sup>97, BGG<sup>+</sup>09, BG09b, CBG02, CB97, CMB<sup>+</sup>97, CW97, CMA<sup>+</sup>09, Cor10, CMTS97, CMC<sup>+</sup>02, DMS<sup>+</sup>10, DCC<sup>+</sup>17, DMC<sup>+</sup>17, DGR02, DCA09, DFA<sup>+</sup>20, ETP<sup>+</sup>16, EFR<sup>+</sup>19, FPB<sup>+</sup>14, FARLR<sup>+</sup>13, FSK<sup>+</sup>05, FA02, GLCU<sup>+</sup>17, GPBV<sup>+</sup>07, GGO<sup>+</sup>14, GAHD<sup>+</sup>17, GMC97, GG02, GCN<sup>+</sup>97, HMLS<sup>+</sup>06, HZK<sup>+</sup>05, ID19, IFFGL<sup>+</sup>04, JASS02, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, KMT20, KK20, KTP<sup>+</sup>05b, KWH<sup>+</sup>05, KTB<sup>+</sup>05, LLD<sup>+</sup>17, LPA<sup>+</sup>17, LPdR<sup>+</sup>14, Las93, LAW<sup>+</sup>05, LLLP<sup>+</sup>03, LPW<sup>+</sup>09, LW15, LLM<sup>+</sup>17, LTS<sup>+</sup>97, MCK<sup>+</sup>19].

**Mediterranean** [MM97, MPPR14, MCPA02, MC02, MSC<sup>+</sup>19, MSM<sup>+</sup>02, MBTM97, NSLAP<sup>+</sup>17, PPR<sup>+</sup>20a, PWR05, PVK<sup>+</sup>20, PN93, PDB<sup>+</sup>16, PKZ<sup>+</sup>19, PZT<sup>+</sup>19, PZK<sup>+</sup>05, PGZ<sup>+</sup>09, RD16, RVD<sup>+</sup>10, RBCG10, SNS10, SLDL93, SA02, SAK05, SLM<sup>+</sup>20, SGA97, SZV<sup>+</sup>19, STD<sup>+</sup>20, SVKT20, SABP<sup>+</sup>16, Spa99, SGM<sup>+</sup>02, SCM<sup>+</sup>09, TGRB02, TAC<sup>+</sup>17, TGLN93, TMP<sup>+</sup>19, Thi05, TRF<sup>+</sup>97, TPP<sup>+</sup>20, TLP<sup>+</sup>19, TLMT97, Uys06, VPA<sup>+</sup>20, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, ZDP<sup>+</sup>16, ZHK<sup>+</sup>05, ZEGB97]. **mediterraneus** [FARLR<sup>+</sup>13]. **medium** [LMG93]. **medusae** [SB05]. **Medusozoa** [OBPY10, Ste13]. **meeting** [AAB<sup>+</sup>97]. **Mega** [RKM<sup>+</sup>23b]. **Mega-** [RKM<sup>+</sup>23b]. **megabenthic** [Blu01, KME18, LBB<sup>+</sup>07, LB14, MLH<sup>+</sup>22]. **Megabenthos** [LRL<sup>+</sup>22]. **megacrustaceans** [EBGCL08]. **Megafauna** [FPB<sup>+</sup>14, LPPCF10, ASBR17, BFA<sup>+</sup>08, Car10, CRBK03, DMS<sup>+</sup>10, FVW08, GLdS<sup>+</sup>09, KCM<sup>+</sup>14, KRHS20, LVP<sup>+</sup>17, MBI<sup>+</sup>10, NCSB<sup>+</sup>98, RSN01, WACGH11, WZB<sup>+</sup>14]. **Megafaunal** [MBG09, ARB<sup>+</sup>13, BMSBM<sup>+</sup>17, DLKP14, Hec94, LT03, NHH<sup>+</sup>13, OGG<sup>+</sup>15, QSA<sup>+</sup>09, SBS<sup>+</sup>08, TRB98, WAM<sup>+</sup>18]. **Megaptera** [BJK<sup>+</sup>22]. **meiobenthic** [TMP<sup>+</sup>13]. **Meiobenthos** [LSST20, AS01a, BPR<sup>+</sup>10]. **Meiofauna** [GARVK04, SWL<sup>+</sup>18, VVV04a, ZBC<sup>+</sup>13, BMHR08, KSM<sup>+</sup>11, LGVK<sup>+</sup>14, NGF09, PGZ<sup>+</sup>09, RBA<sup>+</sup>01, SA15b, SNS<sup>+</sup>07, SP00, VKGQ<sup>+</sup>09, VKGP<sup>+</sup>11]. **Meiofaunal** [EBDL08, SLM<sup>+</sup>20, BGB08, HWTN22, KBG<sup>+</sup>10, VGSV09]. **Melanogrammus** [BD06]. **Melilla** [LGR<sup>+</sup>14]. **melt** [Ald95, ECS<sup>+</sup>17, GBI10, Kyt02a, LFC16, MSV<sup>+</sup>17, PSA14, SBM16, vdMLB<sup>+</sup>11]. **melt-pond** [PSA14]. **melted** [CFL<sup>+</sup>16]. **melting** [AMvD<sup>+</sup>12, GAL<sup>+</sup>12, GAL<sup>+</sup>20, HCL<sup>+</sup>22, HMHY11, SSG<sup>+</sup>11]. **Melvill**

[CL06]. **member** [QW15, Thi05]. **members** [MD17]. **Memoriam** [Ano19]. **memory** [Lut15]. **Mendeleev** [ZWK<sup>+</sup>15]. **Menorca** [CB97]. **Mercury** [BHLS15, CSEP<sup>+</sup>17, FHT<sup>+</sup>14, FTT<sup>+</sup>17, MLS01, CHN<sup>+</sup>18, CMTS97, LRFK99, MS99, SA18]. **Merging** [KKMSM12]. **meridian** [BFH<sup>+</sup>11, DJR<sup>+</sup>01, FHR<sup>+</sup>11, NTH10, SSJ<sup>+</sup>22, SB22, VPS97, WS11, ZSB01, KFHR05, RPB02, vHHH<sup>+</sup>11]. **meridional** [KF95]. **Meridional** [BJB<sup>+</sup>06, BMML06, CH11, DD15a, DWW<sup>+</sup>02, GLBB11, GM11, MD06, MKW11, NI10, PDA<sup>+</sup>20, RHJ06, RPH<sup>+</sup>06, RHJL09, Bae11, BPD<sup>+</sup>11, BH19a, BHLS15, BJ15, FM03c, GRWW01, HWP<sup>+</sup>11, KHL<sup>+</sup>17, LBB11, MZD<sup>+</sup>11, RHL<sup>+</sup>22, RHK<sup>+</sup>11, RKHK<sup>+</sup>11, SF11, HMHY11]. **Meristoderes** [AM18]. **meroplanktonic** [BMH<sup>+</sup>94]. **MERRA** [bsBD<sup>+</sup>20]. **MERRA-2** [bsBD<sup>+</sup>20]. **Mersa** [Gol93]. **Mertz** [VSGM03a, HB03, HBB03, SMV<sup>+</sup>03, VSGM03b]. **mesatlantica** [MCB<sup>+</sup>15]. **Meso** [TSMS09, BHS<sup>+</sup>06, BHS<sup>+</sup>10, MBO07, OGBF08, SNS10]. **Meso-** [TSMS09, BHS<sup>+</sup>10, OGBF08]. **meso-marine** [BHS<sup>+</sup>06]. **meso-scale** [MBO07]. **mesocosm** [AGPR95, CCH95, DD95, JLAD95, Jac95b, LL95, MZR<sup>+</sup>95, PA95, SSLA95]. **mesocosms** [VSFF09]. **Mesopelagic** [BTR20, BBB<sup>+</sup>01, DLLK15, JDS<sup>+</sup>08, RSA<sup>+</sup>10, SS02, AT10, ACR<sup>+</sup>20, BH08, CHN<sup>+</sup>10, CTW<sup>+</sup>20, CSF<sup>+</sup>12, CBJ<sup>+</sup>23, DSO<sup>+</sup>97, DSJ<sup>+</sup>11, ETDB11, KMKA20, LBV<sup>+</sup>08, LZL<sup>+</sup>22, LOFC00, MN10, OB22a, OB22b, OSM<sup>+</sup>20, PNC<sup>+</sup>06, PKZ<sup>+</sup>19, RGH<sup>+</sup>24, RBS17a, RWT<sup>+</sup>20, RQRVM10, SMA<sup>+</sup>17, SCWK08, TBB<sup>+</sup>08, UGSK<sup>+</sup>20, VVM<sup>+</sup>12, WZZ<sup>+</sup>19, WSB08, WWHT20, ZLW<sup>+</sup>19, ZWQ<sup>+</sup>19, ZWJ<sup>+</sup>19, vdROO<sup>+</sup>24]. **Mesophotic** [SEM16]. **mesoplankton** [OvdRvA<sup>+</sup>22]. **mesopredator** [EHK<sup>+</sup>20]. **Mesoscale** [BPC05, BdBj<sup>+</sup>14, BNM08, DD15b, FWR<sup>+</sup>02, GPCT23, Hug14, JHS<sup>+</sup>17, KNB<sup>+</sup>24, MFPL19, MMMC07, RMC<sup>+</sup>93, SKMDR02, SGP<sup>+</sup>02, SBvdL<sup>+</sup>02, Tho24, WSM<sup>+</sup>22, WC07b, ZHM<sup>+</sup>24, ZTZ09, ARLB00, AHR<sup>+</sup>06, AS02a, ATLD<sup>+</sup>20, AMH<sup>+</sup>24, BK99, BLM<sup>+</sup>14, BGWF08, BML<sup>+</sup>06, BMF<sup>+</sup>01, BLS<sup>+</sup>08, BLC<sup>+</sup>08, CB16, CMW<sup>+</sup>05, CHSVB<sup>+</sup>19, GOD<sup>+</sup>01, GSdAMNMM04, GFW07, HRM<sup>+</sup>06, HKN<sup>+</sup>09, JZ01, JTK<sup>+</sup>14, JDL<sup>+</sup>22, JMSW05, JAM<sup>+</sup>14, KM05a, LCH<sup>+</sup>09, LBMvdB14, LBR<sup>+</sup>08, LDS<sup>+</sup>08, LDHO<sup>+</sup>14, LSM<sup>+</sup>06b, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MRLL01, MR01, MKRY01, MSC<sup>+</sup>19, MLS<sup>+</sup>06, MiSW08, MGGTM19, NOT<sup>+</sup>09, NMH<sup>+</sup>06, NKD<sup>+</sup>08, NTK<sup>+</sup>09, PPA10, PWH05, PNL<sup>+</sup>19, PBMM14, PAUB19, RPA07, RJWD01, RSC07, SGD<sup>+</sup>14a, SGA<sup>+</sup>15, STN<sup>+</sup>09, SCM<sup>+</sup>08, SMPSG<sup>+</sup>04, SGB<sup>+</sup>02, SD22, SMB03, TYBY06, UY04, VJF23, VHT<sup>+</sup>20, WDD<sup>+</sup>22, WW23, WTCB09, WJS<sup>+</sup>06, ZLZ<sup>+</sup>15, ZZM<sup>+</sup>13, vHSM04b]. **mesotrophic** [LR97]. **Mesozooplankton** [ACG<sup>+</sup>17, BGH99, CAMA<sup>+</sup>02, CSA<sup>+</sup>09, CAS<sup>+</sup>16, CSS<sup>+</sup>10, DZBR95, GML99, LDS<sup>+</sup>08, LMG93, MGHN01, NPA<sup>+</sup>22, RSW<sup>+</sup>00, SD06a, SZV<sup>+</sup>19, TSN<sup>+</sup>06, WGB<sup>+</sup>04, WAT12, WGG98, Zel01, BSSK<sup>+</sup>08, CLSS15, DMJ93, DLR11, FWP<sup>+</sup>07, GLLC04, GS08, HMH<sup>+</sup>02, HPM02, KSS00a, KH10, LKD<sup>+</sup>15, LAMS<sup>+</sup>01, MC05, MBG<sup>+</sup>24, NMC<sup>+</sup>07, NRH<sup>+</sup>20, PWR05, PAR<sup>+</sup>08, RAL<sup>+</sup>01, RSR<sup>+</sup>00, SBB06, SCB<sup>+</sup>16, SCWK08, SKKM20, SKW07, SKH10b, TRWB99, ZDWR95, ZD97, ZZP04].

**Metabarcoding** [YQMB20, OvdRvA<sup>+</sup>22, PDY20, vdROO<sup>+</sup>24]. **metabolic** [AMV<sup>+</sup>09, HWK<sup>+</sup>14, LGO08, MBP<sup>+</sup>20, MBK08, SPSM23]. **Metabolism** [DKGT04, KYI10a, DZBR95, GLLC04, GQ09, HAH<sup>+</sup>01, HDF<sup>+</sup>01, HMC09, LLK<sup>+</sup>09, RGH<sup>+</sup>24, ZDWR95]. **metagenomic** [KHT<sup>+</sup>20]. **metagenomics** [KG09]. **Metal** [TBB<sup>+</sup>11, BLO<sup>+</sup>17, DGK<sup>+</sup>22, FJG<sup>+</sup>00, FBCP01, HWS<sup>+</sup>07, Kos01, KFW01, OPV11, SHF<sup>+</sup>95, TLF97]. **Metals** [PSP<sup>+</sup>09, BSSE16, Cha03, CBC02, FKW01, GCN<sup>+</sup>97, KSDE16, MBTM97, NSMBN08, NEN<sup>+</sup>07, SVD97, SM01, TTCD14, Zon07]. **metamorphism** [AS02b]. **metapopulations** [BMH<sup>+</sup>94]. **metatranscriptomic** [LVP13]. **Metazoan** [BMHR08, PK08, SP00, VKGQ<sup>+</sup>09, BGB08, BPR<sup>+</sup>10, BOJ<sup>+</sup>10, FG97, GBLS00, KBG<sup>+</sup>10, KMM<sup>+</sup>08, MBP<sup>+</sup>20, PGZ<sup>+</sup>09, SA15b, SNS<sup>+</sup>07, TMP<sup>+</sup>13, Wit00]. **metazooplankton** [PF02]. **meteoric** [MSV<sup>+</sup>17, vWMR<sup>+</sup>17]. **meteoritic** [Kyt02b, Kyt02c]. **Meteorological** [FD01, RGIH<sup>+</sup>06, PFX<sup>+</sup>02]. **meters** [vGCM00]. **Methane** [ACBV<sup>+</sup>18, BPF<sup>+</sup>03, LMG17, PL24, RKM<sup>+</sup>22, VKM13, YZZ<sup>+</sup>16, YZZ<sup>+</sup>19, AM22a, AM22b, BNP<sup>+</sup>09, CBNR<sup>+</sup>09, DGK<sup>+</sup>22, DME<sup>+</sup>18, ESL<sup>+</sup>10, FUGG<sup>+</sup>09, HFL<sup>+</sup>15, LMM<sup>+</sup>17, LLL<sup>+</sup>15, LSM<sup>+</sup>06a, LZM<sup>+</sup>13, MMS<sup>+</sup>16, MSD<sup>+</sup>18, NKA<sup>+</sup>11, NCK<sup>+</sup>22, PTD<sup>+</sup>17, PUP<sup>+</sup>07, PBVC<sup>+</sup>16, PRSS23, RTC06, SSK<sup>+</sup>23, SDB<sup>+</sup>18, SHM<sup>+</sup>07, TCG<sup>+</sup>18, ULTL16, WJS<sup>+</sup>10]. **methane-** [PTD<sup>+</sup>17]. **methane-bearing** [PBVC<sup>+</sup>16]. **methane-charged** [SHM<sup>+</sup>07]. **methane-cycling** [ULTL16]. **Methane-derived** [ACBV<sup>+</sup>18]. **methane-oxidizing** [CBNR<sup>+</sup>09]. **methane-soaked** [PUP<sup>+</sup>07]. **methanogenic** [RDV<sup>+</sup>09, WOM<sup>+</sup>16]. **methanotrophic** [RDV<sup>+</sup>09]. **method** [BMRTL93, BFH<sup>+</sup>23, CMT93, DRR<sup>+</sup>14, SOW01, UGSK<sup>+</sup>20, XA09]. **methodological** [JBB<sup>+</sup>13, WLD<sup>+</sup>07]. **methodologies** [GRC<sup>+</sup>03]. **Methodology** [RSC<sup>+</sup>09]. **Methods** [Joh19, EBDL08, ELP13, GWP<sup>+</sup>98b, MS18, ROB<sup>+</sup>17, SAM96, TPP<sup>+</sup>20, dLWFB08]. **methyl** [MW06]. **methyamines** [GMLB99]. **methylmercury** [CSEP<sup>+</sup>17]. **metrics** [CSS<sup>+</sup>22b]. **Metridia** [KL03]. **metropolitan** [DMC<sup>+</sup>17]. **Mexican** [GMPSHA<sup>+</sup>13]. **Mexico** [SW08, AD08, AAW<sup>+</sup>16, BMHR08, BH08, BCN<sup>+</sup>16, BLM<sup>+</sup>10, BGB08, BHMK08, BHSJ16, BPR<sup>+</sup>10, BSL08b, CBV<sup>+</sup>16, CB16, Car10, CH24, CHV<sup>+</sup>15, Col16, CDM<sup>+</sup>16, CBHF10, DC08, DGK10, DCH04, DQC14, EBGCL08, EBDL08, ECM<sup>+</sup>06, EWF<sup>+</sup>18, FR10, GPMZ<sup>+</sup>10, GPMS<sup>+</sup>16, GPF16, GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10, HDK08, JD08, JBS<sup>+</sup>10, Joy16, JBÖ<sup>+</sup>16, Kel10, LPPC<sup>+</sup>10, LPPCF10, LSH<sup>+</sup>24, LLG<sup>+</sup>16, MSH10, MASVB<sup>+</sup>19, MMS<sup>+</sup>16, MHC<sup>+</sup>10, MB08, NWZL23, ONSSVGR04, OJK<sup>+</sup>10, PBGCD<sup>+</sup>13, QNL<sup>+</sup>16, QED<sup>+</sup>14, RFJ10, RSH10, RPF<sup>+</sup>16, RQRVM10, RWN<sup>+</sup>08, RK08, RMNB08, SCL<sup>+</sup>04, SR08a, SKD<sup>+</sup>16, SR08b, VALW23, WSS<sup>+</sup>08, WJS<sup>+</sup>10, WJR<sup>+</sup>16, Wil08, ZHM<sup>+</sup>24, ZL23, ZDA<sup>+</sup>16, CHSVB<sup>+</sup>19, RAR04]. **Meyers** [HWWM19]. **Micro** [IF95, KF95, MMM<sup>+</sup>00, AMN<sup>+</sup>02a, BBAL<sup>+</sup>20, CGR<sup>+</sup>96, FMS08, NRSL17, OvdRvA<sup>+</sup>22, PCB<sup>+</sup>17]. **micro-** [OvdRvA<sup>+</sup>22]. **micro-algal** [FMS08]. **micro-electrode** [PCB<sup>+</sup>17]. **micro-fauna** [BBAL<sup>+</sup>20]. **micro-habitats** [NRSL17]. **micro-organisms**

[AMN<sup>+</sup>02a, CGR<sup>+</sup>96]. **Micro-phytoplankton** [IF95, KF95]. **Micro-scale** [MMM<sup>+</sup>00]. **Microalgae** [BH97]. **microalgal** [CMNM16, PBG<sup>+</sup>10, PSAY20]. **microanalysis** [AELP14]. **microarray** [JBR<sup>+</sup>18]. **microbes** [SAW16, TDvdE<sup>+</sup>10, ZWZ18]. **Microbial** [AHR<sup>+</sup>06, BSP00, BL01b, BLC<sup>+</sup>02, COV<sup>+</sup>08, CDJM04, DRBM97, EMW<sup>+</sup>08, GGH<sup>+</sup>00, HRM<sup>+</sup>06, Kem94, LK02, LHD<sup>+</sup>22, NVBJ08, OGG<sup>+</sup>15, OFD<sup>+</sup>22, PRC<sup>+</sup>09, RHL<sup>+</sup>22, SLA<sup>+</sup>01, TZS<sup>+</sup>01, ULTL16, WREC18, ZJA16, ZHB<sup>+</sup>07, BGCH20, BL00, BHSJ16, BLOM93, CBNR<sup>+</sup>09, CLC<sup>+</sup>98, CSGC03b, DHGO23, DSYH09, ETD<sup>+</sup>11, FSK<sup>+</sup>05, GDD<sup>+</sup>09, HS01, HFD<sup>+</sup>23, HD02, JBS<sup>+</sup>10, KNB<sup>+</sup>24, KG09, KRB95, MBP<sup>+</sup>20, MORB<sup>+</sup>15, NTA<sup>+</sup>10, OJK<sup>+</sup>10, PTO<sup>+</sup>16, PTD<sup>+</sup>17, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, PST<sup>+</sup>05, RvAH10, RBS<sup>+</sup>17b, RPZ<sup>+</sup>14, SLDL93, SMH<sup>+</sup>06, SLS<sup>+</sup>10, SMB<sup>+</sup>98, TGG<sup>+</sup>09, TR02, TLSY11, TLSW15, Thi05, VGBGPA02, WvdEM00, WLH<sup>+</sup>16, ZLW<sup>+</sup>19]. **microcephalus** [CFK15]. **Microscope** [Mal15]. **microcosm** [BCN<sup>+</sup>16, HZK<sup>+</sup>05, KTP<sup>+</sup>05b, ZHK<sup>+</sup>05]. **microcosms** [SMH<sup>+</sup>06, TPW<sup>+</sup>16]. **microdistribution** [BLW<sup>+</sup>09]. **microfossil** [VTD24]. **microfossils** [HdVGHM02]. **Micronekton** [ATLD<sup>+</sup>20, FKS18, KMK<sup>+</sup>20, BdBJ<sup>+</sup>14, CBJ<sup>+</sup>23, CLB13, DKP<sup>+</sup>17, KFG<sup>+</sup>03, KRS<sup>+</sup>11, LRR<sup>+</sup>04, MBB<sup>+</sup>14, MAR<sup>+</sup>15, PDT11a, PBMM14, WC24, YXC<sup>+</sup>19, vC97]. **Micronektonic** [CRA<sup>+</sup>20, DKG04]. **micronodules** [Cha03]. **micronutrient** [JMN<sup>+</sup>15, RJM<sup>+</sup>15]. **microorganisms** [DRR17, EPPR09, SB98]. **micropaleontological** [MFN<sup>+</sup>02, SA15a]. **Microphyte** [RGHN<sup>+</sup>97]. **Microplankton** [KNI<sup>+</sup>05, BDNS03, DCM<sup>+</sup>99, DMC<sup>+</sup>01, GGH98, GHIM04, GQ09, HNK<sup>+</sup>12, KWW<sup>+</sup>12, WABW02]. **microplastics** [BKKK24, BTR20]. **Microprotozooplankton** [Kla97]. **microscale** [DPY14]. **microscopic** [ABKL96, BS98, GdRGH<sup>+</sup>14]. **microscopy** [LZS<sup>+</sup>18, RVZ02]. **Microstructure** [CSL<sup>+</sup>22, WZC<sup>+</sup>19]. **microtidal** [ALR<sup>+</sup>14]. **microwave** [HZZ10, MRD13, SL11]. **Microzooplankton** [BEJS93, BES95, CDL<sup>+</sup>00, DSN<sup>+</sup>20, LCK95, MBDB<sup>+</sup>24, PKW07, RPAD99, SSH09, SSR13, SWSL14, SWG14, SFB19, VSSN96, YHK15, YJL16, AYMSAS19, BTUV08, KLD21, LBC<sup>+</sup>98, LGF03, OS02, RMM05, SRHP23, SF08, SFZ<sup>+</sup>13, TSMS09]. **Mid** [BWH<sup>+</sup>17, AGL<sup>+</sup>19, ARK<sup>+</sup>94, BMH08, BFA<sup>+</sup>08, BSJ13, BR14, CL15, FS07, JB01, JMM<sup>+</sup>13, LDBS<sup>+</sup>17, MLVM02, MMM<sup>+</sup>13, PSK<sup>+</sup>00b, PTS17, RCCP13, SL15b, SPH<sup>+</sup>08, WYOS18, WWN<sup>+</sup>02, YÇYTKB06, dBC<sup>+</sup>09, ABD<sup>+</sup>13, ARB<sup>+</sup>13, ARC02, BJA13, BBR<sup>+</sup>18, CVA<sup>+</sup>13, CZVR02, CSGV13, CSCP13, CLJ<sup>+</sup>13, CLB13, DTB<sup>+</sup>02, DONF08, Dud06, DHST13, EQW<sup>+</sup>13, FVW08, FWS94, FHP94, FCBD08, GGF<sup>+</sup>08, GGDF08, HIK<sup>+</sup>08, HTD13, HSY08, JAP<sup>+</sup>13, KJB<sup>+</sup>08, KPBK08, LAJP13, MCB<sup>+</sup>15, MSW<sup>+</sup>13, MGK<sup>+</sup>17, MBMGK08, MR15, NHS<sup>+</sup>13, OBC<sup>+</sup>14, OGBF08, PPFS17, PBB<sup>+</sup>13, RSW<sup>+</sup>13, RLB18b, SLdB<sup>+</sup>15, SPF<sup>+</sup>94, SBP13, SGB<sup>+</sup>08, SBK08, SHY<sup>+</sup>08, SLB13b, ULH<sup>+</sup>21, VCR02, dLWFB08, YSC<sup>+</sup>20, YSHS08]. **mid-1990s** [AGL<sup>+</sup>19]. **Mid-Atlantic** [BWH<sup>+</sup>17, BSJ13, BR14, RCCP13, ABD<sup>+</sup>13, ARB<sup>+</sup>13, ARC02, BJA13, BBR<sup>+</sup>18, CVA<sup>+</sup>13, CZVR02, CSGV13, CSCP13, CLJ<sup>+</sup>13, CLB13, DTB<sup>+</sup>02,



DONF08, Dud06, DHST13, EQW<sup>+</sup>13, FVW08, FWS94, FHP94, FCBD08, GGF<sup>+</sup>08, GGDF08, HIK<sup>+</sup>08, HTD13, HSY08, JAP<sup>+</sup>13, KJB<sup>+</sup>08, KPBK08, LAJP13, MCB<sup>+</sup>15, MSW<sup>+</sup>13, MGK<sup>+</sup>17, MBMGK08, MR15, NHS<sup>+</sup>13, OBC<sup>+</sup>14, OGBF08, PPFS17, PBB<sup>+</sup>13, RSW<sup>+</sup>13, RLB18b, SLdB<sup>+</sup>15, SPF<sup>+</sup>94, SBP13, SGB<sup>+</sup>08, SBK08, SHY<sup>+</sup>08, VCR02, dLWFB08, YSC<sup>+</sup>20, YSHS08]. **mid-century** [WYOS18]. **Mid-Indian** [ULH<sup>+</sup>21]. **mid-latitude** [MLVM02, PSK<sup>+</sup>00b, PTS17]. **Mid-North** [SLB13b]. **mid-ocean** [BMH08, BFA<sup>+</sup>08, CL15, MMM<sup>+</sup>13, SL15b, SPH<sup>+</sup>08]. **mid-Pleistocene** [FS07]. **mid-slope** [ARK<sup>+</sup>94, JMM<sup>+</sup>13]. **mid-summer** [dBC<sup>+</sup>09]. **mid-water** [JB01, LDBS<sup>+</sup>17, YCYTKB06]. **Middle** [BBB94, Bis94, DOBH02, Cha03, Mas02, MHdS<sup>+</sup>11, MCL<sup>+</sup>12, RFJ10, RSH10, SSHB03, AFB<sup>+</sup>94, ARK<sup>+</sup>94, BA94, CHL<sup>+</sup>15, FPW02, HFP94, KFF<sup>+</sup>94, LSUB94, PMM<sup>+</sup>94, RTFB09, TWL<sup>+</sup>15, Wal94a, Wir94]. **middle-lower** [RSH10]. **Midwater** [SLB13b, DTWW17, DTWW21]. **migrant** [AML01, ZD97]. **migrants** [HHH01]. **migrating** [KSU<sup>+</sup>08, KUN10, KIN<sup>+</sup>10]. **Migration** [BE18, TKF07, AFM93, AKK<sup>+</sup>17, ASFI02, BSH<sup>+</sup>11, CP05, FPLB<sup>+</sup>08, GHD<sup>+</sup>18, HA10, KT06, KL03, KMKA20, LS10, LOFC00, MF93a, MKS<sup>+</sup>20, WZZ<sup>+</sup>19, YXC<sup>+</sup>19, ZWQ<sup>+</sup>19, ZD04]. **migrations** [CFK15]. **Migratory** [BMK05, RSL05, SBG<sup>+</sup>06, YSBH06]. **Mike** [MLB<sup>+</sup>10]. **Military** [ESW<sup>+</sup>16, Mah16, BSSE16, KSDE16]. **Millennial** [IKR<sup>+</sup>12, GHM<sup>+</sup>12]. **Millennial-scale** [IKR<sup>+</sup>12]. **millennium** [CLMK13, GBC<sup>+</sup>05]. **Millimeter** [DPY14]. **million** [GNT<sup>+</sup>17, IOTS16, RRL<sup>+</sup>14]. **mimicking** [HCBL<sup>+</sup>17]. **Minas** [Ano97c]. **Mindanao** [FKH05]. **Mineral** [MBB<sup>+</sup>02, GF07, dJMTGG11]. **mineralising** [HPN<sup>+</sup>12]. **mineralization** [OCL<sup>+</sup>08, PCB<sup>+</sup>17, SHM<sup>+</sup>07, SLZ<sup>+</sup>16]. **Mineralogical** [ACBV<sup>+</sup>18, LSL<sup>+</sup>15, PBVC<sup>+</sup>16, AST07]. **Mineralogy** [ÇYB<sup>+</sup>18, Rai11]. **minerals** [ALH<sup>+</sup>01]. **Mingulay** [DSE<sup>+</sup>14]. **mini** [SDGH14]. **mini-mounds** [SDGH14]. **minima** [Rog00]. **minimal** [BCH<sup>+</sup>19, SZH20]. **minimise** [PWL07]. **Minimum** [HLL<sup>+</sup>09, BRM18, BRJM18, BLW<sup>+</sup>09, CLH<sup>+</sup>00, CL09, DGN<sup>+</sup>17, EHK09, FSGV<sup>+</sup>09, GMT<sup>+</sup>09, GPC<sup>+</sup>04, GQ09, GBLS00, GW98, KAHS20, LGML00, LWM<sup>+</sup>09, LL00, LAMLB18, MASVB<sup>+</sup>19, MMWM00, MF09, MCS<sup>+</sup>99, MFM<sup>+</sup>18, MMM<sup>+</sup>00, MPB<sup>+</sup>18, NS93, PRC<sup>+</sup>09, PHS17a, QSA<sup>+</sup>09, SWC09, Sei13, SW00, SLH<sup>+</sup>00, SFMG13, TLF97, TTDR13, TS13, UP09, VCSM09, VKGQ<sup>+</sup>09]. **mining** [AS01a, BGOL01, LLC17, OBRJ01, RSS01, SNPS01, TTU01]. **minini** [GC15]. **Minke** [LAP<sup>+</sup>17, LSHB09]. **minor** [CMVS<sup>+</sup>10, LBL08]. **minutum** [AJG<sup>+</sup>10, BFG<sup>+</sup>10, ESAG10, TFR<sup>+</sup>10]. **Miocene** [CHL<sup>+</sup>15, FSCC07, LB93, OSHB07, TWL<sup>+</sup>15, VOK<sup>+</sup>24]. **Mir** [Sag18]. **Mirabilicoxa** [Gol18]. **Mirocaris** [MCB<sup>+</sup>15]. **Mirounga** [GBC<sup>+</sup>13, MdSLH13]. **mismatch** [YERT13]. **missing** [GSB<sup>+</sup>23]. **mission** [STM04a, STM04b]. **missions** [PPF<sup>+</sup>15]. **Mississippi** [GPMS<sup>+</sup>16, SCL<sup>+</sup>04, SW08, SR08b, ULTL16]. **mississippiana** [SR08b]. **mitigation** [AKZL16]. **mitochondrial** [BLBW<sup>+</sup>11, FB14, MHC<sup>+</sup>10]. **Mixed** [HS96, AML<sup>+</sup>19, Ano05e, BKKK24, BU05, CMT93, DP02, FGH<sup>+</sup>13a,

FC09, GCRW95, GGRW99, HTW14, KN05, LML<sup>+</sup>01, LZZ<sup>+</sup>16, LCR<sup>+</sup>96, MS12, MKS<sup>+</sup>02, NYNK05, NDG96, OSM<sup>+</sup>20, PWMC01, PF06, RFHL99, SFD04, TMH<sup>+</sup>08, TNIW02, VMI<sup>+</sup>08, WNRM08]. **mixed-layer** [BU05, FC09, GCRW95, GGRW99, PF06]. **Mixing** [HHP04, YXZ<sup>+</sup>22, ASMH08, ASBM02, BLM13, BHC<sup>+</sup>01, BASLK04, BMG<sup>+</sup>17, BVGE<sup>+</sup>06, CSL<sup>+</sup>22, CDJ<sup>+</sup>22, CSW<sup>+</sup>17, CMV<sup>+</sup>20, CSP05, CMB02, DPLB94, DKI<sup>+</sup>00, DL01, GDL22, HCJ<sup>+</sup>22, HLL<sup>+</sup>10, HHH<sup>+</sup>14, HKSV11, HCG<sup>+</sup>01, Ive04, JR15, KWF<sup>+</sup>19, KS10, KRAS24, Lar04, LML<sup>+</sup>01, LH06, LYL22, MLP<sup>+</sup>10, MD06, MML06, MS06b, MDH16, MT96, MPH02, NSY04, PFDG08, QW15, RI05, SEN<sup>+</sup>95, SKGD14, SBK<sup>+</sup>16, SSC<sup>+</sup>23, SWLW11, SD22, SESS08, SRS11, TCM<sup>+</sup>22, TS93, Tho24, Thu06, Wal94a, WDFK<sup>+</sup>22, WPD22, WZZ<sup>+</sup>23, WJD<sup>+</sup>00a, WJD<sup>+</sup>00b, YO96, You99, ZLZ<sup>+</sup>15, Ano06e]. **mixotrophic** [DBR22]. **mixotrophy** [SLS11]. **MJO** [HF21]. **Mjølner** [TGFE02]. **Mn** [Cha03, GOH<sup>+</sup>15, HMW<sup>+</sup>15, NVBJ08]. **mobile** [DLW<sup>+</sup>17, LLD<sup>+</sup>17, LPD<sup>+</sup>17]. **Mobility** [SM01, KFW01]. **MOCNESS** [BDW<sup>+</sup>96, BL06, GWP<sup>+</sup>98b]. **Modal** [Wei15]. **Mode** [AKBD13, AMP<sup>+</sup>03, KD13, MBT97, DKJ13, EGMB13, EMW<sup>+</sup>08, FKH13, GS08, Gre08, JAP<sup>+</sup>13, LMA08, MDM<sup>+</sup>13, TS10, VIY02, MMH<sup>+</sup>08]. **mode-water** [EMW<sup>+</sup>08, GS08, Gre08, LMA08]. **Model** [CDJ<sup>+</sup>22, MSGO18, Osc01, SBHS20, AT10, ALH<sup>+</sup>01, Arm03, Bai09, Bas19, BA10, BWD20, Blu93, BFH<sup>+</sup>23, BCH<sup>+</sup>19, BJP<sup>+</sup>22, CFR<sup>+</sup>14, CA06a, CDP<sup>+</sup>02, CBF01, CWL<sup>+</sup>23, CKY23a, CKY23b, CM03, CMC<sup>+</sup>05, DLR<sup>+</sup>01, DGP20, DRD06, DGR02, DBG<sup>+</sup>16, DP99, DKS03, DK04, DKS11, DGN96, DGR19, DKJ13, DBC<sup>+</sup>02, DKZP16, Eif05, EB01, EOB03, FSL<sup>+</sup>01, FO05, FC01, Fri01, FHW06, FNYK02, GPF16, GSC<sup>+</sup>19, Gre01, GGSC03, GMPS04, HXF<sup>+</sup>23, Har96, Hei02, HSHM02, HHD<sup>+</sup>09, HLC<sup>+</sup>16, HKC<sup>+</sup>21, HMLS<sup>+</sup>06, HKAM12, HCG<sup>+</sup>09, HPH<sup>+</sup>16, HFK<sup>+</sup>02, HKMS03, HA96, IHPA16, JB01, JW05a, JW05b, JCF<sup>+</sup>06b, JDL<sup>+</sup>22, JCD<sup>+</sup>03, JDL<sup>+</sup>12, JAM<sup>+</sup>14, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, KG20, KMB11, KKUK10, KHL<sup>+</sup>01, KIY<sup>+</sup>05, KRAS24, Lar04, LHS96, LHX<sup>+</sup>22, LW04, LCL<sup>+</sup>10, LSWM22, LTL<sup>+</sup>23, LFHM97, LDX<sup>+</sup>23, MMXS02, MBd05, MD06, MCSF15, MMTT<sup>+</sup>20, MALT05]. **model** [MTWC<sup>+</sup>15, MNPT06, MDK<sup>+</sup>01, MBC<sup>+</sup>09b, NP03, OFV09, OC00, OBWK01, OGC09, PCDM11, PTS01, PDB<sup>+</sup>16, PHS03, PVT<sup>+</sup>21, Pri06, RPB99, RAC<sup>+</sup>20, RLH<sup>+</sup>03, RSSM19, RDSA<sup>+</sup>21, RSC<sup>+</sup>09, SOW01, Sco05, SF11, SRA<sup>+</sup>09, SHM13, SHA04, ŠH11b, SK02, Spa99, SMA01, SCS<sup>+</sup>98, SMSA05, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, SGB<sup>+</sup>02, SCSMT20, SESS08, Sva96, Thi05, TC06, TBBM03, TLW<sup>+</sup>94, TLMT97, UKM16, VALW23, VSGGPR14, VIY02, WDM<sup>+</sup>05, WCJ<sup>+</sup>11, WLY<sup>+</sup>22, WW04a, WMC06, WBA03, WTSP07, YLU<sup>+</sup>14, YSWJ16, YHL<sup>+</sup>12, ZLOR02, KGJ<sup>+</sup>25, MPL15]. **model-based** [HLC<sup>+</sup>16]. **Model-derived** [Osc01]. **Modeled** [CHH19, DHS<sup>+</sup>09, HGB<sup>+</sup>13, LZZ<sup>+</sup>16]. **Modeling** [Ano06d, BV98, DKSF01, DKdS<sup>+</sup>03, FAS<sup>+</sup>03b, FME<sup>+</sup>09, FC07, GBS<sup>+</sup>22, GC07, HBSL01, HS05a, HBCO01, JRKR19, KFF<sup>+</sup>94, KVS<sup>+</sup>09, KC00, LBB<sup>+</sup>06, MTWH04, NSBL94, PHH<sup>+</sup>16, PFC09, SFW08, TYBY06, TH99,

WCD<sup>+</sup>09, WGMCI4, Arm06, BKD06, CFZ<sup>+</sup>18, CHPF10, DD06, DJCF09, DWW<sup>+</sup>02, FJF<sup>+</sup>11, GWL<sup>+</sup>15, HTK<sup>+</sup>10, HH03, HLA<sup>+</sup>06, IHSS<sup>+</sup>10, JBS<sup>+</sup>13, KOM17, KWF<sup>+</sup>19, KD01, LWGS00, MHB<sup>+</sup>23, MPF<sup>+</sup>17, MMT08, PPM<sup>+</sup>17, PS23, PMF<sup>+</sup>17, POA<sup>+</sup>16, RD16, SH99a, SH99b, Sch02a, SWO<sup>+</sup>01, SVKT20, SSB<sup>+</sup>07, TVL<sup>+</sup>00, TMGLM19, VALW23, VS99, WL02]. **Modelled** [MBP09, vWMR<sup>+</sup>17]. **modeller** [YFY<sup>+</sup>10]. **Modelling** [ADBW16, BH19a, BABB08, DVPR06, DFC05, Eck94, EWG94, EPHE18, FBPG18, GASGB<sup>+</sup>14, Jen03, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, LSNH15, LSHB09, PFPJ<sup>+</sup>09, RMBG11, SDCH99, Uml05, WB01, WBA03, AKZL16, Ano05e, AGN<sup>+</sup>02, BDL<sup>+</sup>14, BU05, CVM<sup>+</sup>01a, CVM<sup>+</sup>01b, DBG<sup>+</sup>16, HKR<sup>+</sup>01, JMW<sup>+</sup>20, KYS94, LVP<sup>+</sup>17, MPI07, OM02, SLHS20, SAK05, SHM<sup>+</sup>01, SZB<sup>+</sup>19, YMMC11]. **Models** [EWF<sup>+</sup>18, AGHS04, AMK<sup>+</sup>05, BMG<sup>+</sup>04, BWAS02, COS<sup>+</sup>16, CMAO<sup>+</sup>12, CWEHT22, CNOC13, CM01, DSBS20, DP02, DCL<sup>+</sup>21, GGAMV<sup>+</sup>23, GSGS01, GGC19, HBP<sup>+</sup>14, HIA<sup>+</sup>16, JBB<sup>+</sup>13, KxF22, KYW20, KMD<sup>+</sup>11, LFPC14, LGF03, LWS21, MRSLM<sup>+</sup>19, OAH<sup>+</sup>16, PSZ<sup>+</sup>19, PF06, Pra04, QQJ<sup>+</sup>21, SM12, SNMH18, SVS<sup>+</sup>20, TT17, VTA<sup>+</sup>11, VGD14, WOS12, WYOS18, WBJ<sup>+</sup>98, WWS02, YSC<sup>+</sup>20, ZW23]. **MODerate** [LCW<sup>+</sup>07]. **Modern** [ASBM02, KFTE14, SBH<sup>+</sup>02, BMD<sup>+</sup>17, CBB<sup>+</sup>95, FAS<sup>+</sup>03a, HAF<sup>+</sup>15, LH07, PPM02, YFY<sup>+</sup>10]. **modes** [HLC<sup>+</sup>16, HKC<sup>+</sup>21, Hol06, MV19]. **Modification** [VMB17, SGA<sup>+</sup>15]. **modifications** [WL02]. **Modifying** [DLWW23]. **MODIS** [CWP<sup>+</sup>15, PG18, bsBD<sup>+</sup>20]. **MODIS-Aqua** [CWP<sup>+</sup>15]. **modulated** [WDD<sup>+</sup>22]. **modulates** [ADBU18]. **modulating** [AMH<sup>+</sup>24, QC10]. **modulation** [FD01, SMPSD04, Tho24]. **Moire** [Ano06a]. **Molecular** [BBT<sup>+</sup>18, LCL<sup>+</sup>22, RMBW07, SW00, WDG<sup>+</sup>02, ACBV<sup>+</sup>18, ANL13, AKK<sup>+</sup>05, BLS<sup>+</sup>97, BK96b, BGMH01, DLB<sup>+</sup>11, GO10, GLSK<sup>+</sup>17, GHG<sup>+</sup>04, HRS<sup>+</sup>23, LVP15, VPdP06, Vri09, WBCB06, Zül05]. **molecules** [RBS17a]. **mollusc** [Mar13, TMBTS09, VB98]. **Mollusca** [LS18, SI09, LGBC06, SGB14, SBE<sup>+</sup>07, vCO09]. **molluscs** [BCVCHW04, JSSW14, Kam18, KWPB15]. **mollusks** [CC13]. **moment** [WZZ<sup>+</sup>23]. **Momentum** [Pap05a]. **Monitor** [DIM<sup>+</sup>12, PNVJ13]. **monitored** [CFK15, LZS<sup>+</sup>18, MML07]. **Monitoring** [Ano14, CFR<sup>+</sup>14, FCP99, RHK<sup>+</sup>11, BMOW09, DTJ<sup>+</sup>14, GUSB03, GAHD<sup>+</sup>17, KG20, KI18, LBD<sup>+</sup>22, NLDJ14, PSK<sup>+</sup>14, PDB<sup>+</sup>16, PSP<sup>+</sup>09, SS09, SSP<sup>+</sup>09, SD98, SBG<sup>+</sup>03, TZ09, TSSR20, WPW<sup>+</sup>14]. **monothalamous** [GHG<sup>+</sup>04]. **monotypic** [dMGPT<sup>+</sup>14]. **monoxide** [SUL<sup>+</sup>06, SUK<sup>+</sup>06, ZX12]. **Monsoon** [CD99, HDPI99, WJD<sup>+</sup>00a, BSMV03, BEGC04, BC03, BCBF03, BLC<sup>+</sup>02, BGH<sup>+</sup>19, CRP<sup>+</sup>05, CWB02, DG18, EBS99, GKB<sup>+</sup>18, GMMS05, HML99, HZN<sup>+</sup>16, KDG<sup>+</sup>97, LBC<sup>+</sup>98, LG09, LWSZ13, LLH<sup>+</sup>15, MGR<sup>+</sup>03a, MPS<sup>+</sup>21, PPZ93, PJ99, RSR05, RAC<sup>+</sup>20, RIHGS00, SZH<sup>+</sup>04, SGJ<sup>+</sup>20, SP00, SBE<sup>+</sup>99, SBS<sup>+</sup>02, TBEW99, Wei99, WRS99, vC97, BLB<sup>+</sup>99, CDA98, DCM<sup>+</sup>99, GGH98, KRG<sup>+</sup>01, LB98a, MMHB98, MGN99, ML20, RSF<sup>+</sup>99, Sam01, WJD<sup>+</sup>00b, WMM02, WLC99]. **Monsoon-controlled** [HDPI99]. **monsoon-driven** [LG09, LWSZ13]. **Monsoonal**

[BDF00, BMC99, SNH<sup>+</sup>23, BN97, BBV00, CB00b, LJBF00, SRP<sup>+</sup>98].  
**monsoons** [DHGO23, GGRW98, PWJF20, PFW<sup>+</sup>20, WFR<sup>+</sup>02, DC00, DOB<sup>+</sup>01, LCL<sup>+</sup>98, SOS01]. **Montagnais** [PPM02]. **Monterey** [CCP<sup>+</sup>18, CPC<sup>+</sup>03, HLR<sup>+</sup>09, HAC<sup>+</sup>14, IDSM04, KC00, KD00, OC00, PCT18, PC00, PC18, PLPS98, RDL<sup>+</sup>09, RLP<sup>+</sup>98, RRS<sup>+</sup>98, RSR10, SRC98, SLP<sup>+</sup>09, SP09, SRA<sup>+</sup>09, WCD<sup>+</sup>09, WDKC00]. **monthly** [CMR<sup>+</sup>18].  
**months** [DI00, FWS94]. **Moored** [RdR03, WFR<sup>+</sup>02, WAW05b, CDH<sup>+</sup>00, DSK<sup>+</sup>13, HVBO08, KMD<sup>+</sup>99, KMDW01, LWL<sup>+</sup>24, MDH<sup>+</sup>98, NMW<sup>+</sup>09, RCW<sup>+</sup>15, SWLL23, YXC<sup>+</sup>19].  
**mooring** [KWA<sup>+</sup>20, LPM<sup>+</sup>19, MNR<sup>+</sup>11, PWJF20, DZY<sup>+</sup>01]. **Mora** [VFFM13]. **mordax** [CDG00, DBC<sup>+</sup>19, NSBL94]. **Morgan** [Cha07].  
**morhua** [BD06, Dri09, IAA96, JGM09, KVS<sup>+</sup>09, RG06a, RG06b, SRFR07].  
**moro** [VFFM13]. **Morocco** [FMH<sup>+</sup>02]. **Morpho** [CDM<sup>+</sup>16, THM<sup>+</sup>13].  
**Morpho-acoustic** [CDM<sup>+</sup>16]. **morpho-tectonic** [THM<sup>+</sup>13].  
**morphogroups** [SSSN19]. **Morphological** [CL06, LG00, LGR<sup>+</sup>14, VWTk18, GO10, GHG<sup>+</sup>04, HRS<sup>+</sup>23, KHT<sup>+</sup>20, PPF<sup>+</sup>15]. **morphologically** [BDR16]. **Morphologies** [CSG<sup>+</sup>15]. **Morphology** [DDB<sup>+</sup>17, FLM10, FSM93, Mar13, BH03, LSA14, Mah16, RBS17a].  
**morphometric** [CRT<sup>+</sup>00]. **mortality** [CD99, CLC<sup>+</sup>03, GKBG17, ZYP04].  
**mosaic** [MCH<sup>+</sup>13, SPS<sup>+</sup>09, TRB<sup>+</sup>19]. **mosaics** [GGP<sup>+</sup>14]. **Mössbauer** [LKTS01]. **most** [EFR<sup>+</sup>19]. **motile** [LL14]. **motion** [GP08, HFP94, HBO11].  
**Motivating** [HB19, HBV19, HBVG20, HBSV24]. **moultoni** [BGMH01].  
**Mound** [LDBvdB17, EFW<sup>+</sup>14, RRL<sup>+</sup>14, TWL<sup>+</sup>15, vdLEM<sup>+</sup>14].  
**mound-shaped** [TWL<sup>+</sup>15]. **mounds** [Di 10, ESL<sup>+</sup>10, KBFH14, LGR<sup>+</sup>14, SDGH14]. **Mountain** [Ano97b]. **Mouth** [MWS<sup>+</sup>15, DDB<sup>+</sup>17, YLH<sup>+</sup>10]. **Mouthing** [LWB<sup>+</sup>07]. **move** [RHPR15].  
**Movement** [SSK<sup>+</sup>05, SSK<sup>+</sup>07, CLC<sup>+</sup>20, FM03a, FEB<sup>+</sup>13, LWB<sup>+</sup>07, MA05, SGFP13, WLD<sup>+</sup>07]. **Movements** [CFK15, BCE<sup>+</sup>07, BJK<sup>+</sup>22, COQ<sup>+</sup>18, DFMW13, LPL<sup>+</sup>20, RAT<sup>+</sup>13, RSL05, WWB04]. **Moving** [MPH<sup>+</sup>16].  
**Mozambique** [BLM<sup>+</sup>14, BdBJ<sup>+</sup>14, DCN<sup>+</sup>02, HBP<sup>+</sup>14, HRT14, Hug14, JTK<sup>+</sup>14, JAM<sup>+</sup>14, LBMvdB14, LDHO<sup>+</sup>14, LMF<sup>+</sup>21, MSRM14, MBT<sup>+</sup>14, MBB<sup>+</sup>14, MLBT25, PBMM14, QS04, RdR03, RTM14, SdRvLR03, TBB<sup>+</sup>14, TRM<sup>+</sup>14]. **MPA** [BCG<sup>+</sup>22]. **mtCOI** [OBPY10]. **mtDNA** [BK96b, EG0022, EBG<sup>+</sup>22].  
**mucronata** [Ant10]. **mud** [CSG<sup>+</sup>15, GPBV<sup>+</sup>07, JBD<sup>+</sup>09, NGF09, PPR<sup>+</sup>20a, AM24]. **mudwave** [AFM93, Led93, MF93a, Wea93, Ell93]. **mudwaves** [Blu93, FSM93, FSM93, MF93b]. **Multi** [AML<sup>+</sup>19, BG09b, DGS<sup>+</sup>05, HC15, IHPA16, KLK<sup>+</sup>15, ZHX<sup>+</sup>16, CLQ<sup>+</sup>18, CWD<sup>+</sup>10, CLB13, DBG<sup>+</sup>16, DW15b, DKC<sup>+</sup>17, DLB<sup>+</sup>11, DBBWH20, HGM<sup>+</sup>11, HIA<sup>+</sup>16, JVDH08, LWL<sup>+</sup>24, LWSA08, LSHB09, MDI<sup>+</sup>12, MPL15, MPH<sup>+</sup>16, NHS<sup>+</sup>13, OCT<sup>+</sup>19, PS05, RP18, SYS05, SSB<sup>+</sup>06, WHNS04, ZKSS06]. **multi-beam** [CWD<sup>+</sup>10, DBBWH20]. **multi-centennial** [MPL15]. **Multi-decadal** [DGS<sup>+</sup>05, HC15, HGM<sup>+</sup>11, LWL<sup>+</sup>24]. **multi-decade** [RP18].

**multi-dimensional** [DW15b]. **Multi-disciplinary** [BG09b].  
**multi-frequency** [CLB13, LWSA08]. **multi-level** [DLB<sup>+</sup>11]. **Multi-model** [IHPA16, DBG<sup>+</sup>16]. **multi-nutrient** [SYS05]. **Multi-platform** [AML<sup>+</sup>19].  
**multi-product** [MDI<sup>+</sup>12]. **multi-proxy** [PS05]. **Multi-satellite** [KLK<sup>+</sup>15, DKC<sup>+</sup>17]. **multi-scale** [NHS<sup>+</sup>13, SSB<sup>+</sup>06]. **multi-sensor** [ZKSS06]. **multi-ship** [WHNS04]. **multi-species** [CLQ<sup>+</sup>18, HIA<sup>+</sup>16, LSHB09, MPH<sup>+</sup>16, OCT<sup>+</sup>19]. **Multi-stressors** [ZHX<sup>+</sup>16]. **multi-year** [JVDH08]. **multibeam** [DDB<sup>+</sup>17, NDE14, PGM<sup>+</sup>15].  
**Multidecadal** [HGB<sup>+</sup>13, MKW11]. **Multidisciplinary** [Ano06c, ROBV<sup>+</sup>18, ROB<sup>+</sup>17, RGL06b]. **multinational** [WHNS04].  
**multi-parameter** [FGH<sup>+</sup>13b]. **multiparametric** [SGP<sup>+</sup>11]. **Multiple** [DCC<sup>+</sup>13, MPC99, RHW04, RDC<sup>+</sup>18a, RDC<sup>+</sup>18b, BF14, GLF<sup>+</sup>03, HV03, KKMSM12, LDHO<sup>+</sup>14, MD17, WYT19]. **multiscale** [WLT20].  
**Multiscaling** [SS05a, SS05b]. **multispecies** [UKM16]. **multivariate** [Dan95, HGB<sup>+</sup>13, HLC<sup>+</sup>16, PK03, YBHM05]. **Munida** [CNM17].  
**Munidopsis** [CNM17, CRT<sup>+</sup>00]. **Munitions** [BKS<sup>+</sup>16, ESW<sup>+</sup>16, Mah16, SC16, BSE<sup>+</sup>16, BSSE16, EB16, EFR<sup>+</sup>16, GK16, KSDE16, KGB16, TD16].  
**Munnogonium** [GM22]. **munnopsid** [MB07a]. **Munnopsidae** [EGMB13, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, MB18, MG22].  
**munnopsoid** [RMBW07]. **Munnopsurus** [EWP<sup>+</sup>99]. **murre** [WTI<sup>+</sup>20].  
**murres** [KIM08, RDBP14, RRK<sup>+</sup>20, TMH<sup>+</sup>08]. **musculus** [BRG17].  
**Mussel** [BCB<sup>+</sup>18, BPR<sup>+</sup>10, FR10]. **mussel-** [FR10]. **mussels** [XSL<sup>+</sup>17].  
**mustard** [KCTG16]. **mustard-filled** [KCTG16]. **Mycale** [LPAR24].  
**Mycobiota** [BEZ<sup>+</sup>22]. **myctophid** [BOB20, BTR20, KBSS93, KMD<sup>+</sup>11, VVM<sup>+</sup>12]. **Myctophum** [WZC<sup>+</sup>19].  
**mykiss** [WWB04]. **Myodocopa** [CB18]. **Myoxocephalus** [GNB<sup>+</sup>17]. **Myrs** [ITK<sup>+</sup>16]. **mysticetus** [OCP18]. **Mytilus** [BCB<sup>+</sup>18, BMB<sup>+</sup>18].

**N** [Ano97b, CJM<sup>+</sup>22, HLFP08, Kas24, MWB<sup>+</sup>09, SW08, WTW07, AM15, KBR18, MM15, SS13a, UC13, VK04, WST15, AMN<sup>+</sup>02a, ADV<sup>+</sup>01, ARB<sup>+</sup>13, AAB<sup>+</sup>97, Bae11, BSSK<sup>+</sup>08, BZvHH00, BDNS03, BOP95, CKH<sup>+</sup>05, CWB02, CMT93, CCK<sup>+</sup>16, CHG15, CSCP13, CLJ<sup>+</sup>13, CSS<sup>+</sup>02, CM99b, DMJ93, DVPR06, DBMI17, DJR<sup>+</sup>01, FSL<sup>+</sup>01, FUGG<sup>+</sup>09, FDC<sup>+</sup>18, GS06b, HFK<sup>+</sup>02, HM93, HWS<sup>+</sup>13, INTS02, JWS01, JHHK14, KEPZ93, KW00, KTP<sup>+</sup>05b, KHH<sup>+</sup>17, LKC96, LAJP13, LDFS93, LBB11, MBW<sup>+</sup>03, MH93, MHA<sup>+</sup>01, MHFM15, MJG<sup>+</sup>13, MSJS08, MGK<sup>+</sup>17, MNPT06, MTMK<sup>+</sup>13, MSNL09, MGC<sup>+</sup>14, MQACB08, MMG98, OLG<sup>+</sup>01, PVK<sup>+</sup>20, PHD<sup>+</sup>18, Pfa93, PDB<sup>+</sup>20, RLP<sup>+</sup>98, ROPB03, RBJW16, RWL<sup>+</sup>93, STN<sup>+</sup>09, SFV<sup>+</sup>98, SLB13a, SHR02, SBN<sup>+</sup>15, SBS<sup>+</sup>02, SZB<sup>+</sup>19, TWN<sup>+</sup>06, TCJ<sup>+</sup>11, TNIW02, WMH<sup>+</sup>07, WWW<sup>+</sup>02, Yu03, ZBvH<sup>+</sup>00, ZHK<sup>+</sup>05, ZSB01]. **N\*** [PDA<sup>+</sup>20]. **N-anomaly** [WTWC07]. **N.** [HTD00, HT01, QW15]. **N.E.** [LK98]. **n.sp** [BBAL<sup>+</sup>20, BG10]. **N.W.** [AMH<sup>+</sup>01]. **N** [?]Morales:2014:EPO,Rau:2003:LND. **N/Si** [CSS<sup>+</sup>02]. **NABE** [GG95].  
**Nacella** [GWDP11]. **NAFs** [PSP<sup>+</sup>09]. **Naked** [VB98]. **Namibia**

[Ber24, Grü99, HZS00]. **Namibian** [CCG04]. **nannofossil** [ID19]. **nannoniscid** [BBT<sup>+</sup>18]. **Nannoniscidae** [KBK<sup>+</sup>18]. **nannoplankton** [HPN<sup>+</sup>12, TTA<sup>+</sup>16]. **Nano** [GGH98, CAGL13, DCM<sup>+</sup>99, DMC<sup>+</sup>01, THZ06]. **Nano-** [GGH98, DCM<sup>+</sup>99, DMC<sup>+</sup>01, THZ06]. **nano-plankton** [CAGL13]. **nanoflagellate** [LHZJ13]. **Nanoflagellates** [TB98, LHZ<sup>+</sup>16, LLS<sup>+</sup>19, SIFS10, TR02]. **Nanomia** [RRS<sup>+</sup>98]. **nanomolar** [WR01]. **nanoparticulate** [Rai11]. **nanophytoplankton** [STF09, SF10]. **Nanoplankton** [SLS11, VBC<sup>+</sup>95, DB97a, DO96, LLT<sup>+</sup>00, RNR20]. **Nanoprotzooplankton** [Bec97]. **nanozooplankton** [GVD<sup>+</sup>97]. **Nansen** [Ano96f, CHL<sup>+</sup>95, RAB<sup>+</sup>17]. **Nantucket** [AGD96]. **narrow** [BCT21, WYL<sup>+</sup>20]. **narrow-band** [BCT21]. **narrow-barred** [WYL<sup>+</sup>20]. **NASA** [PPF<sup>+</sup>15]. **nascent** [SFV<sup>+</sup>98]. **natal** [SCH<sup>+</sup>19b]. **National** [CCG<sup>+</sup>12, DAN23, HD17]. **national/quasi** [DAN23]. **national/quasi-national** [DAN23]. **Nations** [PH19]. **Native** [RHD<sup>+</sup>18]. **Natural** [CHL<sup>+</sup>95, HPK<sup>+</sup>97, PSL07, RVC<sup>+</sup>13b, WBM96, AAG06, AFC<sup>+</sup>17, AGW<sup>+</sup>13, BBM<sup>+</sup>08, BDM<sup>+</sup>03, BSL08a, BQT08, CGSZ13, CDM<sup>+</sup>16, EWBW99, FGH<sup>+</sup>13a, GPMS<sup>+</sup>16, Hei02, LB98b, LXS<sup>+</sup>13, MMT08, MHK<sup>+</sup>03, MSH<sup>+</sup>07, MHP<sup>+</sup>07, MC13, NOFP14, OCL<sup>+</sup>08, OJK<sup>+</sup>10, PKA05, RFB97, SVC<sup>+</sup>08, STJ<sup>+</sup>08, SI09, TVLB08, WPB<sup>+</sup>16, WCSA<sup>+</sup>16, Ano96f]. **Naturally** [HRM<sup>+</sup>18, ACBMQ08, COV<sup>+</sup>08, JBM<sup>+</sup>08, LSS<sup>+</sup>07, MQACB08, SLS<sup>+</sup>07, TDC08]. **Nature** [GPBV<sup>+</sup>07, SJSI00, GMC<sup>+</sup>12, PJLO<sup>+</sup>17, PPL<sup>+</sup>19, TPT05]. **nature-based** [PJLO<sup>+</sup>17]. **nauplii** [IAA96]. **Navier** [CJ19]. **navigation** [KR11]. **Navy** [WJR<sup>+</sup>16]. **Nazaré** [GdSP11, GSdS<sup>+</sup>14, MPV<sup>+</sup>11, MHdS<sup>+</sup>11, OPV11, vOSG<sup>+</sup>11]. **NC** [SSV02]. **NCAR** [CCL<sup>+</sup>14, VNBW18]. **NCAR-CCSM4** [VNBW18]. **NCOM** [WJR<sup>+</sup>16]. **Nd** [ATN<sup>+</sup>12, SHWW22, WCL<sup>+</sup>15b]. **NE-Atlantic** [CBW01]. **Neanthes** [SSAL<sup>+</sup>17]. **Near** [ABS<sup>+</sup>14, BTRL99, CMH<sup>+</sup>20, DIM<sup>+</sup>12, DL01, EBG<sup>+</sup>11, HvH04, LNJ<sup>+</sup>00, LB96, MPMD<sup>+</sup>06, MPV<sup>+</sup>11, SRB<sup>+</sup>11, ZL23, ASBM02, BEC<sup>+</sup>96, BLO04, BvWR<sup>+</sup>20, BSS<sup>+</sup>00, BW99b, BRSB16, CW22, CB09a, CKY23a, CKY23b, CRR01, CDM<sup>+</sup>16, CP02, DURP03, DKP<sup>+</sup>14, DT03, Eif05, EWP<sup>+</sup>99, FG07, GBL<sup>+</sup>08, GSB<sup>+</sup>23, GW98, HMS<sup>+</sup>13, HHH01, IGP<sup>+</sup>06, JW05a, JW05b, KM98, KHL<sup>+</sup>15, KTP<sup>+</sup>05b, LGHD20, LWSZ13, LCE<sup>+</sup>23, LDX<sup>+</sup>23, MDTS08, MS06b, MYL<sup>+</sup>98, MK19, NLHB01, NSMBN08, OM14, PH17, PPB<sup>+</sup>22, PTA<sup>+</sup>99, RPB02, RMB05, SA15a, SHA02, SMS20, SBS<sup>+</sup>02, TRM<sup>+</sup>07, TVLB08, TD16, VPS97, YAS<sup>+</sup>93, YLG<sup>+</sup>18, YSHS08, Zim09]. **Near-bed** [HvH04, Zim09]. **Near-bottom** [ABS<sup>+</sup>14, CMH<sup>+</sup>20, EBG<sup>+</sup>11, LNJ<sup>+</sup>00, MPV<sup>+</sup>11, BRSB16, EWP<sup>+</sup>99, KM98, MDTS08, SHA02, SMS20]. **Near-field** [SRB<sup>+</sup>11]. **Near-inertial** [ZL23, CW22, KHL<sup>+</sup>15, LDX<sup>+</sup>23]. **near-shore** [CB09a, KTP<sup>+</sup>05b]. **Near-surface** [BTRL99, DL01, LB96, MPMD<sup>+</sup>06, BSS<sup>+</sup>00, Eif05, HHH01, JW05a, JW05b, NLHB01, PTA<sup>+</sup>99, RMB05, YAS<sup>+</sup>93]. **near-synoptic** [DT03]. **nearby** [LRL<sup>+</sup>22]. **Nearshore** [VLK06, BWOR22, CTCD05, GKGW22, OSHB07]. **Nearsurface** [HV98]. **Neastacilla** [GMB18]. **Nebalia** [HRS<sup>+</sup>23].

**nebulosus** [BBB<sup>+</sup>01]. **need** [MDS<sup>+</sup>16, SZB<sup>+</sup>19]. **needed** [Pri06]. **nekton** [CM00, FVW08, LTW<sup>+</sup>22, SS02, ZWJ<sup>+</sup>19]. **Nematoda** [IBK<sup>+</sup>11, MM15, MFS<sup>+</sup>23]. **Nematode** [CLH<sup>+</sup>00, DCC<sup>+</sup>13, FM13, GK16, HZYZ10, LRN<sup>+</sup>14, LdSN<sup>+</sup>18, PGZ<sup>+</sup>09, SRDV07, SSI19, TMP<sup>+</sup>13, VVV04b, VT01]. **nematodes** [FMZ15, KGB16, MKKF18, VVV04a]. **nemertean** [CAK15]. **Nemerteans** [CP18a, CP18b, CP22, Che13, CK24]. **NEMURO** [KKUK10]. **Neocalanus** [Kli09]. **neoteny** [BB04]. **nepheloid** [BSP00, CBCT09, MRRG23, NC97, PHK<sup>+</sup>14]. **NEPTUNE** [JMM<sup>+</sup>13, RBXM15]. **Nereididae** [SSAL<sup>+</sup>17]. **neritic** [GZZC10, LZC<sup>+</sup>16]. **nested** [HHD<sup>+</sup>09]. **nesting** [EQW<sup>+</sup>13, RDBP14]. **Net** [BDO00, DBN<sup>+</sup>11, IIM02, LR97, MBHB09, MCL<sup>+</sup>12, Ano97c, BBH05, BSS<sup>+</sup>00, BGKB06, BL06, CCW<sup>+</sup>08, CMB12, CJM<sup>+</sup>22, ECS<sup>+</sup>17, GWP<sup>+</sup>98b, HSY08, KGE<sup>+</sup>04, LDHO<sup>+</sup>14, LMM<sup>+</sup>97, MLK<sup>+</sup>12, MLS<sup>+</sup>15, RJB<sup>+</sup>04, RIBW99, SFW08, SRF<sup>+</sup>09a, SSP<sup>+</sup>06, SHC<sup>+</sup>00, TSW<sup>+</sup>09, TGFP02, MPH<sup>+</sup>22]. **net-collected** [HSY08]. **net-sampling** [GWP<sup>+</sup>98b]. **Netherlands** [VHS97]. **NetTrap** [PFW<sup>+</sup>09]. **Network** [FH09, Pas18, RDL<sup>+</sup>09, DBL<sup>+</sup>19, JMM<sup>+</sup>13, MXC15, RDC<sup>+</sup>18a, RDC<sup>+</sup>18b, TBSP<sup>+</sup>18, HLR<sup>+</sup>09]. **Network-II** [HLR<sup>+</sup>09]. **networks** [CB09b, OM16, VS10]. **neural** [OM16]. **neuston** [GPCT23]. **Neutral** [EW99, HHP<sup>+</sup>96, KC03, KMD<sup>+</sup>01]. **neutrally** [Gou05]. **Newfoundland** [DPK<sup>+</sup>14, DKP<sup>+</sup>14, PDK<sup>+</sup>14, DTJ<sup>+</sup>14, HS07, SRFR07]. **Newly** [DLG<sup>+</sup>14, GZGH22, LJL<sup>+</sup>12, MCH<sup>+</sup>13, SDGH14]. **newly-formed** [GZGH22]. **newmani** [BGMH01]. **next** [SPW<sup>+</sup>22]. **Nezumia** [FARLR<sup>+</sup>13]. **Ni** [NOT<sup>+</sup>09, NEN<sup>+</sup>07]. **niche** [BSR<sup>+</sup>18, CDRB16, FJF<sup>+</sup>11, LZM<sup>+</sup>13, NCSO13, PKHH17, WWHT20, YSAER25]. **niches** [HSZS17]. **nickel** [AV97]. **Nile** [GPBV<sup>+</sup>07]. **Niña** [DABMAMA04, KT02, SVAGRCS04]. **nine** [PKHH17]. **Nineteen** [TTA<sup>+</sup>16]. **Nineteen-year** [TTA<sup>+</sup>16]. **Ninetyeast** [WJ02]. **Ningaloo** [DCL<sup>+</sup>21]. **Ninh** [NCT13]. **Niño** [HC15, MMH<sup>+</sup>08, BSL<sup>+</sup>96, DABMAMA04, DVCG<sup>+</sup>12, DCL<sup>+</sup>21, DQC95, EDF<sup>+</sup>04, FWG<sup>+</sup>97, HMW00, HCHD09, KF95, KM95, KC00, KC04, MPG<sup>+</sup>97, MGNB96, ÑB04, ONSSVGR04, SVAGRCS04, WPJW96, WZW<sup>+</sup>95, WC02]. **Niño/Southern** [MMH<sup>+</sup>08]. **niphonius** [LTL<sup>+</sup>23]. **Niskin** [ETP<sup>+</sup>16, LCL<sup>+</sup>09]. **Nitrate** [CC03, KLTS13, RR96, SMB<sup>+</sup>93, WCB98, ARF<sup>+</sup>13, BFT<sup>+</sup>97, CTGD08, CLB96, CHH19, DVS<sup>+</sup>97, DBN<sup>+</sup>11, DSvR<sup>+</sup>18, ESK<sup>+</sup>23, GRSW00, HLNO96, JML08, JCD<sup>+</sup>03, KIIW03, KEPZ93, KNB11, LGF03, MQ01, MBC<sup>+</sup>20, MFM<sup>+</sup>18, OENB01, PC00, RLP<sup>+</sup>98, RT14, RWJ06, RTI<sup>+</sup>16, SVS93, SRF09b, SKMS08, TYBY06]. **Nitrate-based** [CC03]. **nitrate-reducing** [MFM<sup>+</sup>18]. **nitrate/phosphate** [DVS<sup>+</sup>97]. **Nitric** [LAMLB18]. **Nitrification** [BFT<sup>+</sup>97, SGD14b]. **Nitrite** [DK96, LZB96]. **Nitrogen** [AF01, CB01, FML<sup>+</sup>93, HMGD17, LGP<sup>+</sup>15, LSS<sup>+</sup>07, MBNB<sup>+</sup>08, MGN99, RI05, Sam01, WAPL95, WO99, AML01, Arm06, BRG<sup>+</sup>19, BLM<sup>+</sup>10, BH19a, BFM<sup>+</sup>14, BCP<sup>+</sup>15, CTGD08, CDP<sup>+</sup>02, ÇYAYT06, CML<sup>+</sup>09, DZBR95, DRH<sup>+</sup>09, DJR<sup>+</sup>01, FGU04, HC01, HWTP07, HWP<sup>+</sup>07, HBCO01, HSM<sup>+</sup>01b,

JJVH18, KLL03, KBD<sup>+</sup>01, KCZ<sup>+</sup>19, Kli09, KNC<sup>+</sup>09, Lip01, MFG<sup>+</sup>93, MFG<sup>+</sup>04, MTMK<sup>+</sup>13, MGC<sup>+</sup>14, NMH<sup>+</sup>06, NMS09, OBM<sup>+</sup>93, PWD<sup>+</sup>11, PHD<sup>+</sup>18, PKA05, RLP<sup>+</sup>98, ROPB03, RJWD01, RWR<sup>+</sup>02, RTI<sup>+</sup>16, RCF<sup>+</sup>16, SM00, SFW08, Sot09, SZB<sup>+</sup>19, TLKT00, TDC08, TWPP07, VS99, WPG<sup>+</sup>07, WB01, WWH97, WCY05, WWC<sup>+</sup>99, WYW<sup>+</sup>02, WCWW99, YOI<sup>+</sup>09].

**nitrogen-oxygen** [BH19a]. **nitrogen-to-phosphorus** [KBD<sup>+</sup>01].

**nitrogenous** [CBC02, VH99]. **Nitrous** [BKP<sup>+</sup>19, CFV<sup>+</sup>18, DH97, FUGG<sup>+</sup>09, LL01, WYPY06, JBR<sup>+</sup>18]. **nitzschia** [DRVVS<sup>+</sup>14, FHR<sup>+</sup>14, SZM10]. **No** [KSB<sup>+</sup>03, MSB<sup>+</sup>03, ZSL15, LAMLB18, MBL<sup>+</sup>15, PHD<sup>+</sup>18]. **NOAA-11** [FCP99]. **Noah** [KND<sup>+</sup>08]. **Nobuo** [YFY<sup>+</sup>10]. **nodosum** [RSdV<sup>+</sup>09].

**nodule** [BGOL01, GBO01, OBRJ01, TTU01]. **nodules** [AS01a, MvSHD01, SSI19]. **noise** [EF98, SLD<sup>+</sup>13, UW99]. **non** [CWSH20, CDJM04, GBJ<sup>+</sup>15, LMLC<sup>+</sup>17, MPG<sup>+</sup>97, MAA<sup>+</sup>04, MAA<sup>+</sup>05, MMSS14, OCG<sup>+</sup>09, PFAZL09, SLS<sup>+</sup>09, SAVP12, SM96a, VPdP06].

**non-algal** [SM96a]. **non-Antarctic** [VPdP06]. **non-aqueous** [SLS<sup>+</sup>09].

**non-aqueous-based** [PFAZL09]. **non-El** [MPG<sup>+</sup>97]. **non-ice** [SAVP12].

**non-stationary** [CWSH20]. **non-symbiont-bearing** [OCG<sup>+</sup>09].

**non-terrestrially** [MMSS14]. **non-tuna** [LMLC<sup>+</sup>17]. **non-uniform** [GBJ<sup>+</sup>15]. **non-upwelling** [CDJM04, MAA<sup>+</sup>04, MAA<sup>+</sup>05]. **nonbreeding** [SBA18]. **Nonhydrostatic** [WZZ<sup>+</sup>23]. **nonlinear** [Bas19]. **nonlocal** [TSWJ12]. **nontoxic** [BKS<sup>+</sup>10]. **Nontronite** [LCK<sup>+</sup>18].

**Nontronite-bearing** [LCK<sup>+</sup>18]. **Nordic** [BAS00, OUJ<sup>+</sup>19, OBKA17].

**Norfolk** [BWH<sup>+</sup>17, WACGH11, ZRC<sup>+</sup>11]. **normal** [DCA<sup>+</sup>98, HMW00].

**normalized** [ZSZ<sup>+</sup>19]. **North** [AAG02, ASBM02, Bat01, BH94, Bla94, BAC<sup>+</sup>15, BSS15, CLT94, CMBPM04, CGPM13, CDL94, DFF02, DCR94, DH93, FS05, FCW<sup>+</sup>15, FDC<sup>+</sup>18, GAC<sup>+</sup>02, GAHD<sup>+</sup>17, GLMB18, HAF<sup>+</sup>15, JLL<sup>+</sup>15, JSBC15, LOA15, LDFS93, LRV<sup>+</sup>02, LLM<sup>+</sup>03, MFG<sup>+</sup>93, MP94, MFE<sup>+</sup>02, NESB<sup>+</sup>15, OL15, RLVF02, RPF01, RBXM15, SFV<sup>+</sup>01, SSUB15, SML15, SBP13, SMGB03, WCH<sup>+</sup>93, ZBC<sup>+</sup>13, AM22a, Ala13, BG08, BW04, Chi96, EHL02, Fir96, FBCN00, HMW<sup>+</sup>15, KL96b, KB95, KMK<sup>+</sup>20, KMKA20, LLD<sup>+</sup>17, LAÁ<sup>+</sup>14, LSA14, MPS<sup>+</sup>21, MDSA19, NLSL09, PLL<sup>+</sup>06, PSK<sup>+</sup>00b, PRMM<sup>+</sup>17, RPA07, RQRVM10, SG99, SBK08, VLK06, VKG93, VPP07, VKM13, WAW<sup>+</sup>05a, ZLOR02, ADS<sup>+</sup>02, ADV<sup>+</sup>01, ATJ05, ACH02, ABKL96, AKBD13, Ano06g, ASN<sup>+</sup>02, AGN<sup>+</sup>02, AMV<sup>+</sup>09, ARF<sup>+</sup>13, AL13, BCI02, BMS<sup>+</sup>18, BHS<sup>+</sup>06, BDW<sup>+</sup>98, BMK05, Bea09, BL98, BMS99, BGWF08, BPB<sup>+</sup>94, BLB<sup>+</sup>02, BLdM<sup>+</sup>02].

**North** [BLG11, BHAL13, BHLS15, BG10, BSW<sup>+</sup>13, BLS<sup>+</sup>08, BJ15, BTS<sup>+</sup>08, ÇYB<sup>+</sup>18, CHN<sup>+</sup>10, CTGD08, CAGL13, CB18, CK24, COJ<sup>+</sup>09, CMAO<sup>+</sup>12, CMT93, CSH<sup>+</sup>13, CPH01, CNM17, CWdE99, DMJ93, DDN<sup>+</sup>04, DKT<sup>+</sup>01, DSK<sup>+</sup>13, DPLB94, DJS<sup>+</sup>08, DB16, DFA<sup>+</sup>20, DCK01, DRS10, DKJ13, Dri09, DSW20, DKQ<sup>+</sup>93, DFMG01, FMZ15, FBS94, FSL<sup>+</sup>01, FD01, FS02, FKH13, Fre13, GOD<sup>+</sup>01, GWR93, GG93, GPC<sup>+</sup>18, GdRGLS04, GHM02, HdVGHM02, Ham07, HTTS12, HSS<sup>+</sup>12, HWM02, HHH<sup>+</sup>93, HAH<sup>+</sup>01, Har94, HTK<sup>+</sup>10,



Hat02a, Hat02b, HH93, HK01, HK07, HYK<sup>+</sup>02, HFK<sup>+</sup>02, HS93, HIN<sup>+</sup>02, HM93, HLL<sup>+</sup>09, HWJ20, HD02, INTS02, IBB<sup>+</sup>02, JZ93, JWS01, JPM99, KBL01, KH02, KKH<sup>+</sup>02, KSBK01, KD13, KT06, KY17, KLM<sup>+</sup>02, KEPZ93, KD01, KST<sup>+</sup>99, KFS<sup>+</sup>10, KMS<sup>+</sup>02, KKNH02, LPD<sup>+</sup>17, LBV<sup>+</sup>08, LBL08, LPA<sup>+</sup>17, LML<sup>+</sup>01, LMG93, LDHI93]. **North** [LH01, LH08, LKL<sup>+</sup>13, LWC05, LS18, LL13, LTS<sup>+</sup>13, LSC02, LN01, LLM<sup>+</sup>02, LGB13, MTGY05, MR01, MPL15, MA05, MLG<sup>+</sup>02, MKD<sup>+</sup>20, MTT<sup>+</sup>12, MNB02, MM15, MYE<sup>+</sup>02, MRD13, MMD15, MWB<sup>+</sup>09, MST<sup>+</sup>14, MHM<sup>+</sup>14, MKS<sup>+</sup>02, NHS<sup>+</sup>09, NOT<sup>+</sup>09, NMK<sup>+</sup>20, OHK<sup>+</sup>02, ONRW10, OYK15, OKY<sup>+</sup>17, OBWK01, OTH05, PBFS06, PK08, PKR<sup>+</sup>01, PDA<sup>+</sup>17, PWB<sup>+</sup>06, PB08, PPM02, PDY20, RAC<sup>+</sup>20, RLD<sup>+</sup>15, RWR<sup>+</sup>02, RvAH10, RR10, ROL<sup>+</sup>15, RKHK<sup>+</sup>11, RH94, RSB<sup>+</sup>15, RFF<sup>+</sup>02, RDFS WV99, RWL<sup>+</sup>93, RCM<sup>+</sup>17, RSP<sup>+</sup>98, SBCH02, SSH<sup>+</sup>02, SL94, SW09, SH00, SAA<sup>+</sup>17, SWB<sup>+</sup>09, SBBP<sup>+</sup>15, SRDV07, SNIT02, SRBR05, SVS93, SLB13a, SGL99, SS99a, Ste04, SCWK08, SMGB02, SKKM20, SB98, SLB13b, SBG<sup>+</sup>06, SS13b, TTLP06, TBA<sup>+</sup>02, TRB98, TCJ<sup>+</sup>11, TdFAL19, TS10, TMP<sup>+</sup>13, TGFP02, TBB<sup>+</sup>08, TLP<sup>+</sup>19, TNIW02, TRM<sup>+</sup>15, VKG93, VALM17, VSS<sup>+</sup>93, VCRDF99, WLM23]. **North** [WB01, WR09, WABW02, WBBM01, WBML06, WTZ02, WSB08, WYW<sup>+</sup>02, WWN<sup>+</sup>02, WWW<sup>+</sup>02, WSP19, WR15, WSLC15, YWI<sup>+</sup>02, YK16, YCN<sup>+</sup>10, YWW23, YQMB20, YKO15, You10, ZKSS06, ZNM<sup>+</sup>02, ZPT<sup>+</sup>13, ZFA<sup>+</sup>02]. **North-Anatolian** [GPÇ18]. **North-Atlantic** [LPD<sup>+</sup>17]. **north-central** [MPS<sup>+</sup>21, RQRVM10]. **North-East** [GAHD<sup>+</sup>17, ZBC<sup>+</sup>13, BW04, EHL02, HLL<sup>+</sup>09, RCM<sup>+</sup>17]. **north-eastern** [LAÁ<sup>+</sup>14]. **north-south** [VKG93]. **north-west** [KB95, SG99]. **north-western** [Ala13, BG08, LLD<sup>+</sup>17, LSA14, CB18, FMZ15, LPA<sup>+</sup>17, MM15, TMP<sup>+</sup>13]. **Northeast** [CD99, DLR<sup>+</sup>01, DCM<sup>+</sup>99, DOB<sup>+</sup>01, EAF<sup>+</sup>17, LCL<sup>+</sup>98, MTB09, NHH<sup>+</sup>13, PGPI<sup>+</sup>13, RRL<sup>+</sup>14, SOS01, WJD<sup>+</sup>00a, WLC99, Ake19, BLSW05, BB09, BCS99, BTRL99, BT15, CMB99, DP99, GRWW01, GMMS05, HCHD09, HDW<sup>+</sup>20, JPSB93, KPML20, LGHD20, LNJ<sup>+</sup>00, LSdC<sup>+</sup>10, MC05, MH93, MLP<sup>+</sup>10, MD14, MRMP09, PPA10, PLS<sup>+</sup>10, PHS17a, PP93, PFC19, PSE<sup>+</sup>93, PDB<sup>+</sup>20, RSR05, RMG<sup>+</sup>23, SLDL93, SGJ<sup>+</sup>20, VS99, WH01a, Wei99, WR01, WCWW99, AGL<sup>+</sup>19, BMP<sup>+</sup>09, BDL<sup>+</sup>14, BT04, BOH<sup>+</sup>04, CMW<sup>+</sup>05, CMH<sup>+</sup>20, DGR19, GDA<sup>+</sup>15, KRF01, KRG<sup>+</sup>01, LSM<sup>+</sup>06b, MGN99, MDG13, MG13, MLS<sup>+</sup>06, OUJ<sup>+</sup>19, SA14, SLCLC<sup>+</sup>24, SMH<sup>+</sup>06, SCD14, SDB<sup>+</sup>18, SFG98, SMB<sup>+</sup>98, SHM<sup>+</sup>20, VCO<sup>+</sup>15, VSFF09, WJD<sup>+</sup>00b, WMM02]. **Northeastern** [GWL<sup>+</sup>15, ACQ<sup>+</sup>08, BGIJ<sup>+</sup>06, BMGF93, BF14, BGH<sup>+</sup>19, BEJS93, CAJE15, DKT<sup>+</sup>01, DFA<sup>+</sup>20, DGT14, EWP<sup>+</sup>99, FHT<sup>+</sup>14, FTT<sup>+</sup>17, GSW99, GCI<sup>+</sup>01, GNB<sup>+</sup>17, HdMR<sup>+</sup>99, HNRGL06, JLK03, KLČ<sup>+</sup>19, LRDS18, MBHB09, MSM10, PUP<sup>+</sup>07, PVK<sup>+</sup>20, RH99, RKTG14, SGD14b, TTCD14, VH99, WBA<sup>+</sup>17, WFW<sup>+</sup>17, WOU06, YCD<sup>+</sup>06, YBC<sup>+</sup>17, ZLZ<sup>+</sup>15, BFS<sup>+</sup>17, CPH01, DL01, ZBvH<sup>+</sup>00]. **No}rthern** [WPL<sup>+</sup>15, Won15, WKLM15, Ano05c, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, NBBBT13,

dCHdOF<sup>+</sup>18, AML<sup>+</sup>19, ALHP18, AST<sup>+</sup>05, AVS<sup>+</sup>20, AHV<sup>+</sup>17, ASN<sup>+</sup>02, ABC<sup>+</sup>05, AGAB19, AKI<sup>+</sup>16, BFD<sup>+</sup>23, BKP<sup>+</sup>19, BPC05, BMS99, BSSK<sup>+</sup>08, BFB<sup>+</sup>18, BAF<sup>+</sup>18, BPR<sup>+</sup>10, BMT20, BTLC98, CRJ<sup>+</sup>08, CA06a, CDG00, ILCCC07, CG07, CSG<sup>+</sup>15, CLSS15, COJ<sup>+</sup>09, CSL<sup>+</sup>07, CM00, CMW<sup>+</sup>08, CMC<sup>+</sup>05, CJF<sup>+</sup>12, CSG<sup>+</sup>13, CGG<sup>+</sup>19, CP05, CBK<sup>+</sup>07, CHH19, CBK<sup>+</sup>22, DW15a, DEL<sup>+</sup>17, DHM<sup>+</sup>22, DNH<sup>+</sup>02, DC08, EQW<sup>+</sup>13, EHK09, EPPR09, FMC<sup>+</sup>20, FJR<sup>+</sup>20, FR10, FC15, FCG18, FK98, FKS18, FS02, FAMY20, GMT<sup>+</sup>09, GPMZ<sup>+</sup>10, GGH98, GMD07, GPF16, GGDF08, GGC19, GQ09, HDK08, HdVGHM02, HTTS12, HT17, HCZ<sup>+</sup>07, Hat02a, Hat02b, HBC<sup>+</sup>23, HCG<sup>+</sup>09, HH20, HK07, HLS<sup>+</sup>02, HK08, HSY08, HFL<sup>+</sup>15, HZ19, HHX<sup>+</sup>10, JRKR19, JWO<sup>+</sup>09, JBC<sup>+</sup>21, Jen03, JBS<sup>+</sup>98, KAI21, KJL<sup>+</sup>17, KLTS13, KLY<sup>+</sup>15, KAM<sup>+</sup>20, KY17]. **northern** [Kli09, KLD21, KVL<sup>+</sup>19, LSC05, LLR<sup>+</sup>06, LJL<sup>+</sup>17, LBM09, LDGH16, LSH<sup>+</sup>24, LKH<sup>+</sup>07, LLG<sup>+</sup>16, LBM<sup>+</sup>20, MSH10, MMY<sup>+</sup>20, MSRM14, MMS<sup>+</sup>16, MTK<sup>+</sup>18, MBW<sup>+</sup>08, MF09, MSK<sup>+</sup>19, MCS<sup>+</sup>09, MHG<sup>+</sup>17, NSKG96, NDE14, NHD11, NVBJ08, NHS<sup>+</sup>13, NCE<sup>+</sup>23, NSWY20, NYH<sup>+</sup>20, NSBL94, NBCT13, OCT<sup>+</sup>19, OGBF08, PW15, PBS06, PNLFS02, PNLFS03, PG18, PK03, PKZ93, PZP93, PDC<sup>+</sup>21, RHD<sup>+</sup>11, RSR05, RCW<sup>+</sup>15, RSL05, RMB05, RB06, RRWR08, RWRS08, RFJ10, RSH10, Roy05, RBS<sup>+</sup>17b, SMA<sup>+</sup>17, SCL<sup>+</sup>04, Sam01, SMR<sup>+</sup>06, SBM<sup>+</sup>18, SMB02, SNIT02, SRBR05, SZH20, SMB<sup>+</sup>17, SPEPS18, SBB06, SR08b, SCB<sup>+</sup>16, SFK<sup>+</sup>12, SBC<sup>+</sup>16, SBB<sup>+</sup>19, SMGB02, SMGB03, SHY<sup>+</sup>08, SNW08, SCSMT20, SB05, SESS08, SZB<sup>+</sup>19, TOSH08, Tho24, TLR<sup>+</sup>00, TTD13, TAB<sup>+</sup>05, UKJ<sup>+</sup>20, UC13, VLK06, VSM17, VHT<sup>+</sup>20, WRZ<sup>+</sup>19, WZZ<sup>+</sup>19, WCB08, WAK<sup>+</sup>12, WABW02, WC01b, WC07b]. **northern** [XZM<sup>+</sup>23, YXC<sup>+</sup>19, YZZ<sup>+</sup>19, YSC<sup>+</sup>20, YKY<sup>+</sup>07, YLK<sup>+</sup>15, ZNM<sup>+</sup>02, ZZY<sup>+</sup>19, ZLW<sup>+</sup>19, ZWQ<sup>+</sup>19, ZSZ<sup>+</sup>19, ZTZB09, ZTZ09, vCO09, BSMV03, BMHR08, BMOW09, BCB<sup>+</sup>18, BHSJ16, BLSS10, CBV<sup>+</sup>16, Dau18, DTWF17, DDL06, DBC<sup>+</sup>19, FS05, GHGMI05, GCCG13, GBP00, GW15, HCAK17, HPY<sup>+</sup>15, HWS<sup>+</sup>07, HWC07, ITMG18, KMMS18, KFH01, KCL20, KRG<sup>+</sup>01, LMM<sup>+</sup>17, LGK15, LAGK<sup>+</sup>18, LCT<sup>+</sup>07a, LRM<sup>+</sup>02, LSL<sup>+</sup>15, MSD<sup>+</sup>18, MB08, MdSLH13, OMAA18, PWTH15, PRDF08, PRP15, PdBK<sup>+</sup>03, RRMM05, RBP<sup>+</sup>05, SC10, SGW<sup>+</sup>15, SSR<sup>+</sup>14, SAB<sup>+</sup>07, VLR<sup>+</sup>02, WC01a, WWcW<sup>+</sup>15, XGL15, YK16]. **northward** [AKK<sup>+</sup>17, SYT<sup>+</sup>10]. **northward-propagating** [SYT<sup>+</sup>10]. **Northwest** [AP22, Bau02, BDWG02, CFK15, CHV09, HF21, KCM<sup>+</sup>14, LBV<sup>+</sup>08, LGP<sup>+</sup>03, LLLP<sup>+</sup>03, OKH<sup>+</sup>22, REWH11, SA18, SLH<sup>+</sup>00, SSI<sup>+</sup>09, SCM<sup>+</sup>09, TSMS09, BSCE15, BEM<sup>+</sup>15, BOJ<sup>+</sup>10, CAMA<sup>+</sup>02, DVS<sup>+</sup>14, DJ15, LTF<sup>+</sup>19, MHK<sup>+</sup>03, SM15, SJST13, TGLN93, WSM<sup>+</sup>22]. **Northwestern** [AM24, FHR<sup>+</sup>14, KVMO25, AYMSAS19, AKK<sup>+</sup>17, Avr02, AAL<sup>+</sup>17, BZ20, BCM02, BBV00, BMO93, BLOM93, CB97, CSL<sup>+</sup>22, CDS96, CC13, CHT<sup>+</sup>13, CMA<sup>+</sup>09, CMK<sup>+</sup>18, CMC<sup>+</sup>02, DGR19, Duc93, EMW<sup>+</sup>08, FML<sup>+</sup>93, GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10, GG02, GCN<sup>+</sup>97, HIN<sup>+</sup>02, HSD04, KWN<sup>+</sup>09, KMA<sup>+</sup>18, KBV<sup>+</sup>97, KMS<sup>+</sup>02, KKNH02, LPW<sup>+</sup>09, MC02, MGMP02, MSM<sup>+</sup>02, MPHf02, MKS<sup>+</sup>02, NSY04, OTOH05, OTH05, OBM<sup>+</sup>93, PHOM09,

PLdL97, SHA02, TLMT97, WXL<sup>+</sup>23, WO99, WST15, Wei99, YCN<sup>+</sup>10, ZKSS06, Zon97, ZEGB97, Ang10, BFDB17, SA15a, TSB<sup>+</sup>14, ZSLL15].

**Norway** [SSR<sup>+</sup>14]. **Norwegian**

[Mun16, PTP09, RPB99, ST07, AMTE09, BM07, BMK09, KBFH14, LD07, Mun14, PTS01, Pro09, VSFF09, YD09, ZTZB09, ZTZ09]. **nose** [PSE<sup>+</sup>93].

**NoSoCS** [WPL<sup>+</sup>15, Won15, WKLM15, PWTH15]. **note**

[Ano03a, Ano03b, Bol08, KWF<sup>+</sup>19, LSC05, PBG07, PB08, PSY13]. **Notes**

[Dau18, HC13, AM22b, AM24, CRT<sup>+</sup>00, DDAH<sup>+</sup>14, PP13, UFAK06].

**Notolepis** [RDW<sup>+</sup>22]. **Notopoma** [BVL04]. **notorcadensis** [CL06].

**notothernioid** [VPdP06]. **nov**

[AM18, AM22a, BCNS15, CAK15, CP18a, GMB18, Gol18, GBBS00, MB07a, ME13, MB18, QRE<sup>+</sup>17, SM15, Ste13, SC15, VWTK18]. **Nova**

[Ano14, LPAR24, MZG<sup>+</sup>24, SSG14, DPK<sup>+</sup>14, DKP<sup>+</sup>14, DTJ<sup>+</sup>14, NLDJ14, PDK<sup>+</sup>14, WPW<sup>+</sup>14]. **novaeangliae** [BJK<sup>+</sup>22]. **Novaya** [SEN<sup>+</sup>95]. **Novel**

[PFdSG11, BCN<sup>+</sup>17, SLS<sup>+</sup>07]. **November**

[Ano19l, Ano99k, Ano21l, Ano22u, CCM15, KDG<sup>+</sup>97, SCC98, ZHB<sup>+</sup>07].

**nowcast** [CWL<sup>+</sup>23]. **nowcast/forecast** [CWL<sup>+</sup>23]. **NPZ** [HCG<sup>+</sup>09].

**NPZD** [DGR19]. **nucleotide** [BLBW<sup>+</sup>11, XSL<sup>+</sup>17]. **Nuculidae** [SW09].

**nudibranch** [VB98]. **number** [Gre08, SSM09]. **Numerical**

[CA06a, HFKY05, JMW<sup>+</sup>20, LWGS00, MPI07, SHM<sup>+</sup>01, WL02, AS02b, Bas19, BKM07, BU05, CBF01, DGR19, EO02, FC01, GOC09, GMPS04, HKR<sup>+</sup>01, HBP<sup>+</sup>14, KB99, KRAS24, LFPC14, LCT<sup>+</sup>07b, LCL<sup>+</sup>10, LDX<sup>+</sup>23, MH93, MGMP02, MDM<sup>+</sup>13, MBS05, NYNK05, RSS01, SAK05, SESS08, STS<sup>+</sup>15, WDM<sup>+</sup>05, WSM<sup>+</sup>22, ZG15]. **nursery**

[GSC<sup>+</sup>19, HSC<sup>+</sup>19, KHT<sup>+</sup>20, SCH<sup>+</sup>19b, SCH<sup>+</sup>19a, WCS07]. **Nutrient**

[CRDP02, CK10, DVS<sup>+</sup>97, DCK01, DWHM06, FLMF07, HVWH09, JLR<sup>+</sup>13, KWH<sup>+</sup>05, KD00, LMA08, LH08, LLK05, MJW<sup>+</sup>06, RBN<sup>+</sup>08, STK02, STN<sup>+</sup>06, SDLZ13, SKF<sup>+</sup>10, SSH<sup>+</sup>00, WTWC07, WR01, dBC<sup>+</sup>09, ATS<sup>+</sup>96, Ark13, Ber07, BMRP02, CBV<sup>+</sup>16, DLL<sup>+</sup>15, ERR97, GG95, GGT<sup>+</sup>02, HHH<sup>+</sup>14, HDD<sup>+</sup>11, HS98, HZS00, HHD<sup>+</sup>09, KSBK01, KCY<sup>+</sup>16, KLKB95, LML<sup>+</sup>01, LRM07, MPE<sup>+</sup>09, MR01, MDGF01, MCG<sup>+</sup>98, OT03, Qué13, RBA<sup>+</sup>01, RBS<sup>+</sup>17b, SMV<sup>+</sup>03, SMZ<sup>+</sup>08, SMS<sup>+</sup>07, SYS05, SHH03, SBC17, SKGD14, SF08, TVL<sup>+</sup>00, TDC08, TRB<sup>+</sup>19, WCH05, WJD<sup>+</sup>00a, WJD<sup>+</sup>00b, WWN<sup>+</sup>02, WPL<sup>+</sup>15, WRS99, WSB<sup>+</sup>09, ZAC<sup>+</sup>15, vGTG<sup>+</sup>00].

**nutrient-limitation** [MDGF01]. **Nutrient-phytoplankton** [RBN<sup>+</sup>08].

**nutrient-rich** [GGT<sup>+</sup>02]. **Nutrients**

[BJB<sup>+</sup>06, ESK<sup>+</sup>23, KTP<sup>+</sup>20a, SF04, TMTR14, WWH97, AKH<sup>+</sup>02, Ano95b, Car07, CWS05, CPEN08, DWW<sup>+</sup>02, EWBW99, FJG<sup>+</sup>00, Fon96, GSK02, HdBB<sup>+</sup>02, HLM<sup>+</sup>01, KMT20, KC03, KN05, LN01, MY99, MLP<sup>+</sup>10, MCPA02, MSS<sup>+</sup>02, MLS<sup>+</sup>15, NKF<sup>+</sup>10, NMK<sup>+</sup>20, PFC19, PDE<sup>+</sup>16, QW15, SMY<sup>+</sup>98, SZG<sup>+</sup>13, SDKH03, SSP<sup>+</sup>06, SPD<sup>+</sup>11, SGD<sup>+</sup>03, TT01, TNIW02, WPW95, WLD<sup>+</sup>06, WWN<sup>+</sup>02, YKS<sup>+</sup>19, ZHD<sup>+</sup>08]. **nutrition**

[CBC02, HWTP07, VH99]. **nutritional** [JH04, MBB<sup>+</sup>02]. **NW**

[BFG<sup>+</sup>10, NKB<sup>+</sup>18, SAKP<sup>+</sup>22, SKS<sup>+</sup>23, ZB00, AFC<sup>+</sup>17, BFM<sup>+</sup>14, BGG<sup>+</sup>09,

BFF<sup>+</sup>10, CMB02, DFJ18, EBB<sup>+</sup>08, FARLR<sup>+</sup>13, FB15, FEB<sup>+</sup>15, GLCU<sup>+</sup>17, GBSL98, HLM<sup>+</sup>01, IHSS<sup>+</sup>10, KNN<sup>+</sup>06, LG00, LGML00, Mar18, NFD<sup>+</sup>02, PSAY20, PLS<sup>+</sup>03, SGM<sup>+</sup>02, TGRB02, TR02, VAM97, VSC<sup>+</sup>11, WGW<sup>+</sup>19, vWDB<sup>+</sup>01]. **Nyctiphanes** [GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10]. **Nymphon** [ASMM11]. **Nymphonidae** [ASMM11].

**O** [dLWFB08, BDO00, CMB02, CMVS<sup>+</sup>10, CJM<sup>+</sup>22, DHW98, ECD<sup>+</sup>17, LLB<sup>+</sup>00, MBW<sup>+</sup>08, RBJW16, RWL<sup>+</sup>93, SZB<sup>+</sup>19, TLP<sup>+</sup>12]. **O'ahu** [TD16, Chi96, Fir96, KCTG16, KL96b]. **oasis** [RBN<sup>+</sup>08, CW09, JOD98]. **Obituary** [Ano18l, BCD<sup>+</sup>09]. **object** [MBd05]. **object-oriented** [MBd05]. **Objective** [BS05, BS06]. **oblique** [WCK<sup>+</sup>18]. **obscurity** [KVM025].

#### **Observation**

[GMCR18, HMSMK04, PLHMA06, TGK<sup>+</sup>11, VHT<sup>+</sup>20, Fed13, FKH13, LAÁ<sup>+</sup>14, MGN<sup>+</sup>18, SZB<sup>+</sup>19, WCL<sup>+</sup>15a, YLH<sup>+</sup>10, vHHH<sup>+</sup>11, BHHM<sup>+</sup>12].

#### **observational** [IMG<sup>+</sup>19, MLW<sup>+</sup>01]. **Observations**

[ACD<sup>+</sup>17, Ano05e, BKD06, BIH10, BVGE<sup>+</sup>06, BRSB16, BU05, CM00, CWS<sup>+</sup>23, CSG<sup>+</sup>13, DCC<sup>+</sup>17, DSvR<sup>+</sup>18, Ham07, JCP05, LCT<sup>+</sup>07b, MW05a, NGS<sup>+</sup>20, OM14, PWTH15, PNLFS02, PNLF02, PNLFS03, PF06, PR05, RR10, SGA<sup>+</sup>15, SAK05, SVKT20, TGU<sup>+</sup>06, vAvVV<sup>+</sup>03, AML<sup>+</sup>19, ABKL96, AKM<sup>+</sup>05, AAB<sup>+</sup>97, Bae11, BES11, BEGC04, BMG<sup>+</sup>04, BMM<sup>+</sup>99, BHAL13, BR14, BMSBM<sup>+</sup>17, CSL<sup>+</sup>22, CRP<sup>+</sup>05, CCL<sup>+</sup>14, COJ<sup>+</sup>09, CBC02, CDH<sup>+</sup>00, CRMI18, CLJ<sup>+</sup>13, CWD<sup>+</sup>10, CHH19, CAGLV<sup>+</sup>06, CJM<sup>+</sup>22, DFMW13, DNR20, DNK<sup>+</sup>08, DBC<sup>+</sup>19, FVSRR14, GDE<sup>+</sup>96, GBB<sup>+</sup>17, GSGS01, GSdAMNMM04, HBP<sup>+</sup>14, HM14, HZK<sup>+</sup>05, HZK04, HS05b, HZW<sup>+</sup>23, HSC<sup>+</sup>07, JR15, KWT<sup>+</sup>16, KMG<sup>+</sup>20, KRAS24, LBM10, Lar04, LOB<sup>+</sup>09, LOA13, LW04, LBB11, Mah16, MB96, MCS<sup>+</sup>02, MCS<sup>+</sup>03, MKS<sup>+</sup>20, MDS<sup>+</sup>16, MLW<sup>+</sup>16, MT98, MBS05, MARFP08, MLS<sup>+</sup>15, NKE11, NHH<sup>+</sup>13, NMW<sup>+</sup>09, NKD<sup>+</sup>08, NDE14, OSCS04, OCKA<sup>+</sup>11]. **observations** [PCT18, PBGCD<sup>+</sup>13, PWJF20, PGPP<sup>+</sup>13, PVT<sup>+</sup>21, Pri06, ROB<sup>+</sup>17, RHK<sup>+</sup>10, RLP<sup>+</sup>98, RD16, RdR03, RSSM19, RSRL00, SiSA<sup>+</sup>02, SCM<sup>+</sup>08, SCPC98, ST13, SJM02, STP<sup>+</sup>16, SBC<sup>+</sup>16, SCPP05, TS03, VSV<sup>+</sup>97, VT09, WH01a, Wea93, WBJ<sup>+</sup>98, WFR<sup>+</sup>02, WWS02, YSWJ16, YSHS08].

**observatories** [MK19]. **Observatory** [CGG<sup>+</sup>19, GMCF19, KCO<sup>+</sup>19, SBB<sup>+</sup>19, GMB13, JMM<sup>+</sup>13, LBM10, MK19, RBXM15]. **observe**

[UGSK<sup>+</sup>20]. **Observed**

[BSL11, CW22, MPS<sup>+</sup>21, SWH08, TTW<sup>+</sup>05, WXL<sup>+</sup>23, AL98, ARLB00, BL96, Fir96, FKH05, GSPT13, GK16, Had11, HGB<sup>+</sup>13, HF21, Jac95a, KMD<sup>+</sup>99, LSM96, MDH<sup>+</sup>98, MSC04, MRD13, Ric05, RHD<sup>+</sup>18, STF09, SRBR05, SEM16, SC16, TRM<sup>+</sup>07, VLK06, VKC09, WRBS10, WP17, YXC<sup>+</sup>19].

**observer** [BLS05]. **observing** [HWP<sup>+</sup>11, KKM<sup>+</sup>10, RAS23]. **obtained**

[HIN<sup>+</sup>02, KOR06, PK13]. **OC26** [CDM<sup>+</sup>16]. **occupied** [KFS<sup>+</sup>17].

**Occurrence** [BPM18, MBMGK08, OGJ<sup>+</sup>19, SSJ<sup>+</sup>22, TD16, DBL<sup>+</sup>19, DB02, ESWL20, FDP<sup>+</sup>14, GR10, JR11, KBF<sup>+</sup>08, KDG<sup>+</sup>97, LDGH16, OCP18, PSAY20, SLC<sup>+</sup>15, YLD09, YMC<sup>+</sup>22]. **occurrences** [MSA<sup>+</sup>14, WOM<sup>+</sup>16].

**occurring** [HRM<sup>+</sup>18, ODCP98, PKHH17, TFR<sup>+</sup>10]. **occurs** [BJF16].  
**Ocean** [AS01b, Ano96f, Ano05c, Ano06e, Ano07d, BHT22, BTFB12, BvWR<sup>+</sup>20, BL96, BQT08, BHJ99, BL01a, BHHM<sup>+</sup>12, BTUV08, BTS<sup>+</sup>08, CFJL96, CMC<sup>+</sup>05, DRBM97, DD06, FAC<sup>+</sup>24, FWP<sup>+</sup>07, FH09, GAL<sup>+</sup>20, GSF<sup>+</sup>19, GSF<sup>+</sup>20, GFPM02, HLR<sup>+</sup>09, HRX17, HWCT04, HWCT11, HB19, HBVG20, HBVG22, HBSV24, HHP04, HPM02, HV03, JFM<sup>+</sup>17, KMLC<sup>+</sup>04, KM96, KL96a, KG09, LBR<sup>+</sup>11, LBSB<sup>+</sup>17, LQF<sup>+</sup>02, LSM96, MSF<sup>+</sup>22, MM97, Mit96, MSBS01, OGRdO18, ORFA<sup>+</sup>14, RGTv97, RBG18, RDL<sup>+</sup>09, RHK<sup>+</sup>10, Rog17, SBCH02, STJ<sup>+</sup>08, SH00, SF04, STB<sup>+</sup>17, SSI19, SAM<sup>+</sup>00, SA03, SWLL23, SYZ<sup>+</sup>24, TRB98, TVLB08, TOP95, Urb20, VTD<sup>+</sup>20, VOK<sup>+</sup>24, WREC18, ZBC<sup>+</sup>13, ZLJ08, ZGGF22, vBBR<sup>+</sup>08, AGL<sup>+</sup>19, AHN23, AT10, Ano05d, AAB<sup>+</sup>97, ALH<sup>+</sup>01, AS02b, BK99, Bas19, BMK05, BJF16, BNM08, Ber01, BMH08, BFA<sup>+</sup>08, BPF<sup>+</sup>03, BKY<sup>+</sup>17, BMOW09]. **ocean** [BLS<sup>+</sup>03, BLS05, BSN18, BLH05, BSB<sup>+</sup>99, BCH<sup>+</sup>19, BSN<sup>+</sup>15, BNFS01, BBA<sup>+</sup>98, BBA<sup>+</sup>01, BL08, BSRM08, CD95, Car07, CFS<sup>+</sup>06, CH24, CH07, CLF<sup>+</sup>09, CFZ<sup>+</sup>18, CWP<sup>+</sup>15, CB09a, CWL<sup>+</sup>23, COJ<sup>+</sup>09, CL15, CM03, CLMK13, CSP05, CM16a, CWS<sup>+</sup>23, CMK<sup>+</sup>18, CCM15, CH19, CRR01, CKH<sup>+</sup>08, CB09b, DGP20, DDN<sup>+</sup>04, DKC<sup>+</sup>17, DMW<sup>+</sup>07, DGN96, DLF<sup>+</sup>09b, DTR<sup>+</sup>09, DGR19, DBL<sup>+</sup>19, DEK<sup>+</sup>08, Dud06, DKP<sup>+</sup>17, DWW<sup>+</sup>02, Eck94, EOB03, EAB<sup>+</sup>20, Fed13, FWR<sup>+</sup>02, FK98, FHvFM08, GEP<sup>+</sup>16, GGCM17, GSM<sup>+</sup>20, GGSC03, GHÖ<sup>+</sup>13, GBJ<sup>+</sup>15, HBP<sup>+</sup>14, HCJ<sup>+</sup>22, HXF<sup>+</sup>23, Har06, HKSV11, HFD<sup>+</sup>23, HTA<sup>+</sup>17, HWK<sup>+</sup>14, HBR11, HGAB04, HAE<sup>+</sup>17, HBC<sup>+</sup>12, HBV19, HCRX16, HDW<sup>+</sup>20, HWJ20, HBK<sup>+</sup>98, IATK17, JBOH10, JDL<sup>+</sup>12, JAM<sup>+</sup>14, KKMSM12, KB99, KG20, KxF22, KD13, KMMS18, KC04, KCL20, LLD<sup>+</sup>17, LPD<sup>+</sup>17, LBM98, LWLS98, LJBF00, LTY<sup>+</sup>03, LHX<sup>+</sup>22, LZB96]. **ocean** [LW04, LYL22, LSWM22, LBJ<sup>+</sup>13, LKK<sup>+</sup>95, MAH<sup>+</sup>12, MAN<sup>+</sup>20, MRSLM<sup>+</sup>19, MCSF15, MCS<sup>+</sup>02, MCS<sup>+</sup>03, MFH04, MSC04, MM05, MKRY01, McP08, MTT<sup>+</sup>12, MMH<sup>+</sup>08, MNR<sup>+</sup>11, MLBT25, MXC15, MV23, MZG<sup>+</sup>24, MS12, MNPT06, MW06, MK19, MC13, MPHF02, MRM<sup>+</sup>12, MMM<sup>+</sup>13, Mun07, MKW11, MLS<sup>+</sup>15, NTA<sup>+</sup>10, NLDJ14, NL11, NDD<sup>+</sup>14, NTK<sup>+</sup>09, NBBBT13, OFV09, OPB15, PF02, Pal04, PLRV22, PG07, PTM<sup>+</sup>16, PCH<sup>+</sup>22, PGS14, PTA<sup>+</sup>99, PPR07, PSWF19, RHL<sup>+</sup>22, RdGM<sup>+</sup>09, RPB99, RAC<sup>+</sup>20, RGH<sup>+</sup>24, RPB02, RLH<sup>+</sup>03, RBJW16, ROC<sup>+</sup>21, RAF<sup>+</sup>11, RLB03, RHI00, RMC<sup>+</sup>93, RBS<sup>+</sup>17b, RBH<sup>+</sup>20, RN06, Sag18, SF24, SAA<sup>+</sup>17, SE96, SSSC19, SF11, STM04a, STM04b, ST13, SL15b, SVS<sup>+</sup>20, SN04, SLW98, SCB<sup>+</sup>01, SH10, SDMS06, SWLW11, SD96, SCQ<sup>+</sup>09, SUL<sup>+</sup>06, SUK<sup>+</sup>06, SPH<sup>+</sup>08, TSS<sup>+</sup>02, TSW<sup>+</sup>09, TCM<sup>+</sup>22, TPW<sup>+</sup>16, TFP<sup>+</sup>16, TBB<sup>+</sup>08, TAB<sup>+</sup>05]. **ocean** [TTL<sup>+</sup>16, UW99, VAT23, VMGO<sup>+</sup>09, VRL<sup>+</sup>02, VHM17, VIY02, WC06a, WDFK<sup>+</sup>22, WLY<sup>+</sup>22, Web19, WW23, WWB04, WFR<sup>+</sup>02, WPAP01, WF99, WCH05, WMC06, WSB13, WC01b, WYW<sup>+</sup>02, WTSP07, YK16, YK05, YSMW05, YFY<sup>+</sup>10, YMMC11, ZKSS06, ZdBB<sup>+</sup>07, Aar03, AVA23, ABC<sup>+</sup>04, APB<sup>+</sup>09, AMvD<sup>+</sup>12, ARLA03, ACPV04, ABE<sup>+</sup>11, ACFS02, ADE22, Ang10, AA15, ACFG15, AMP<sup>+</sup>03, ATLD<sup>+</sup>20, ACR<sup>+</sup>20, Ano99a, AJR<sup>+</sup>15, AKK<sup>+</sup>17, ATS<sup>+</sup>96, AHK99, ADAM02, ACBMQ08, AHB<sup>+</sup>17, ARF<sup>+</sup>13, BC11, BKKK24,

BRG<sup>+</sup>19, BDB97, BWL01, BPD<sup>+</sup>11, BCT21, BSK<sup>+</sup>97, BLBW<sup>+</sup>11, BCWT00, Bau02, Bea09, BHS<sup>+</sup>19, Bec97, BSS20, BTR95, BBM<sup>+</sup>08, BCG04, BFT<sup>+</sup>97, BDL<sup>+</sup>14, BO96, BBE<sup>+</sup>13, BSG<sup>+</sup>02, BSL08a, BIH10, BCH<sup>+</sup>11, BBR<sup>+</sup>18, BSRB17, BTRL99, BNKJ23, BFML<sup>+</sup>08, BH97, BABB08, BTC13, BMF<sup>+</sup>01, BHLS15, Boy02, BBBM04, BBB<sup>+</sup>07, BE09, BEB11, BW14, BWWG98, BBV00]. **Ocean** [BB04, BCB07, BNFS01, BDNS03, BJ15, BHK<sup>+</sup>10, BOJ<sup>+</sup>10, BBA<sup>+</sup>01, BBD<sup>+</sup>03, BRPH20, BMO93, BEJS93, BLOM93, CAH<sup>+</sup>09, CSA<sup>+</sup>09, CSEP<sup>+</sup>17, CD95, CAS<sup>+</sup>97, CRDP02, CdST<sup>+</sup>17, CCBL14, CHG20, CM99a, CMB99, CGM<sup>+</sup>07, CGSZ13, CAFK03a, CAFK03b, CWP<sup>+</sup>15, CWWB04, CRA<sup>+</sup>20, CFT<sup>+</sup>04, CMW<sup>+</sup>05, CMT93, COV<sup>+</sup>08, CVM<sup>+</sup>01a, CVM<sup>+</sup>01b, CMR<sup>+</sup>18, CAC<sup>+</sup>97, CHL<sup>+</sup>95, CBB<sup>+</sup>00, CM16b, CHH<sup>+</sup>22, CBMM15, CS20, CLGM05, CNM17, Cra97, CBA<sup>+</sup>20, CAÖT04, CBS11, CSS<sup>+</sup>02, CM99b, CWdE99, CCFL01, CC01, DLHH11, DS21, DBJ97, DM25, DKT<sup>+</sup>01, DSN<sup>+</sup>10, DBR22, DVS<sup>+</sup>97, DDS11, DeM02, DSO<sup>+</sup>97, DKN<sup>+</sup>97, DNR20, DP99, DP02, DB97a, DSN<sup>+</sup>20, DFD<sup>+</sup>11, Die07, DMW<sup>+</sup>07, DCK01, DT03, DWJ<sup>+</sup>15, DFJ18, DBL<sup>+</sup>19, DGB<sup>+</sup>98, DB97b, DB02, Duc93, DKQ<sup>+</sup>93, DDB<sup>+</sup>97, DNA97, DSYH09, ETDB11, EHL02, EWP<sup>+</sup>99, ETD<sup>+</sup>11, FdBGP11, FBS94, FLM10]. **Ocean** [FS05, FML<sup>+</sup>93, FM03b, FSL<sup>+</sup>01, FAS<sup>+</sup>03a, FAS<sup>+</sup>03b, FHR<sup>+</sup>14, FM03c, FMO02, FLMF07, FRW00, FS07, FvFC<sup>+</sup>11, FUGG<sup>+</sup>09, FBCN00, FCA04, FCAD04, FKH13, FBCP01, Fri01, FPGH02, Fro04, FPB04, FSGV<sup>+</sup>09, GFK24, Gai97, GBH<sup>+</sup>01, GSMB01, GRWW01, GMPSHA<sup>+</sup>13, GCS<sup>+</sup>12, GHGMI05, GMM<sup>+</sup>20, GBL<sup>+</sup>08, GAL<sup>+</sup>12, GPCT23, GSW<sup>+</sup>09, GdRGLS04, GCKC07, GVD<sup>+</sup>97, GPB09, GLW<sup>+</sup>97, GNT<sup>+</sup>17, GCB04, GFW07, GPK02, GK02, GMMS05, HS01, HSS<sup>+</sup>18, HHH<sup>+</sup>15, HCL<sup>+</sup>22, HBLS01, HCBP97, HPWP07, HLG<sup>+</sup>21, HNM<sup>+</sup>20, HAH<sup>+</sup>01, HK01, Hei02, HBC<sup>+</sup>23, HZT<sup>+</sup>06, HK07, HA03, HMS<sup>+</sup>03, HWCT04, HS93, HWS<sup>+</sup>98b, HM93, HDCM95, HFM<sup>+</sup>00, HBV19, HWS<sup>+</sup>07, HWL06, HSC<sup>+</sup>07, HPK<sup>+</sup>97, HMA20, HAD19, ISB<sup>+</sup>11, ILWH03, IIM02, IPH<sup>+</sup>17, JLL<sup>+</sup>13, JSWB21, JKB04, JBC<sup>+</sup>21, Jen03, JCD<sup>+</sup>03, JYM<sup>+</sup>15, JFK<sup>+</sup>10, JBVW12, JLJ<sup>+</sup>12, JBM<sup>+</sup>08, JNB17, KGJ<sup>+</sup>25, KBLA97, KPML20, KBB07, Kam15, Kam18]. **Ocean** [KK19, KOO<sup>+</sup>24, KQ02, KSL<sup>+</sup>04, KNV<sup>+</sup>10, KDU<sup>+</sup>10, KCMT<sup>+</sup>20, KYI10a, KHC<sup>+</sup>09, KSU<sup>+</sup>06, KLM<sup>+</sup>11, KTSI07, KSU<sup>+</sup>08, KMA<sup>+</sup>18, KD01, KIS02, KBV<sup>+</sup>97, KWW04, KMD<sup>+</sup>11, KNB11, KVL<sup>+</sup>19, KNN<sup>+</sup>06, KL96c, KIY<sup>+</sup>05, KKNH02, LKD<sup>+</sup>15, LVJC17, LB07, LSF<sup>+</sup>01, LRFK99, LBV<sup>+</sup>08, LBL08, LCW20, LHD<sup>+</sup>22, Lar04, LPFS97, LB93, LGP<sup>+</sup>03, LJJ<sup>+</sup>12, LKJ<sup>+</sup>15, LGK15, LGO08, LEP14, LSU04, LMvDA16, LDHI93, LW10, LGVK<sup>+</sup>14, LBB<sup>+</sup>07, LRL<sup>+</sup>22, LTW<sup>+</sup>22, LIS<sup>+</sup>02, LZL<sup>+</sup>22, LPMS09, LCWJI<sup>+</sup>19, LBGW97, LL13, LTS<sup>+</sup>13, LMLC<sup>+</sup>17, LN01, LCE<sup>+</sup>23, MQ01, MBHP99, MP99, MB07a, MMXS02, MT15, MFPL19, MAN<sup>+</sup>20, MGT<sup>+</sup>20, MCH<sup>+</sup>13, MPL15, MP17, MLS01, Mas01, MCSF15, MORB<sup>+</sup>15, MTE<sup>+</sup>02, MCS<sup>+</sup>02, MMTT<sup>+</sup>20, MV01, MLR07, MTWC<sup>+</sup>15, MPJ<sup>+</sup>13, MKT<sup>+</sup>15, MV19, MHA<sup>+</sup>15, MMH<sup>+</sup>08, MNR<sup>+</sup>11, MDS<sup>+</sup>16, Met09, MLBT25, MBK97, MWT<sup>+</sup>17, MvSdBL11, MdBL<sup>+</sup>11, MWF<sup>+</sup>19, MBL<sup>+</sup>15, MNV<sup>+</sup>20]. **Ocean**

[MMJ<sup>+</sup>03, MS12, MSS<sup>+</sup>02, MNPT06, MMT08, MHK<sup>+</sup>03, MDGF01, MES97, MBT97, MSTT07, MTM<sup>+</sup>13, MC13, MQACB08, MBO07, MLS<sup>+</sup>15, NGS<sup>+</sup>15, NGS<sup>+</sup>20, NG10, NGM<sup>+</sup>20, NP03, NSKG96, NRSL17, NGM<sup>+</sup>05, NDT<sup>+</sup>01, NTF01, NBSF01, NAB<sup>+</sup>02, NSvH<sup>+</sup>11, NMR10, NDD<sup>+</sup>14, NTH10, NW01, NRH<sup>+</sup>20, OFD<sup>+</sup>22, O'H24, OvdRvA<sup>+</sup>22, OCL<sup>+</sup>08, OKH<sup>+</sup>22, OTOH05, OKY<sup>+</sup>17, OB22a, OB22b, OSCS00, OBWK01, OT12, OBM<sup>+</sup>93, OPB15, ÖCB<sup>+</sup>04, PFP02, Pak04, PF04a, PF04b, PDH<sup>+</sup>11, PCDM11, PSA14, Pa25, PDA<sup>+</sup>20, PPYN15, PMJW10, PKW07, PMS<sup>+</sup>20, PFdSG11, PJC19, Pee97, PH96, PFC19, PWF03, PPB<sup>+</sup>22, PLL<sup>+</sup>06, PPRHLF02, PMJ20, PSF<sup>+</sup>07, PLR02, PBD<sup>+</sup>02, PR17, PKZ93, PZP93, PHH<sup>+</sup>06, PDG<sup>+</sup>03, PLS<sup>+</sup>03, PPR<sup>+</sup>20b, PGK15, PDY20, PDB<sup>+</sup>20, PHKW10, QW15, QTPS97, QB02, Qué13, RHL<sup>+</sup>22, RDP<sup>+</sup>02, Rai11, RJM<sup>+</sup>15, RDW<sup>+</sup>22, RBMY02, RGW04, RAS23, RMBW07]. **Ocean** [RGH<sup>+</sup>24, RP17, RWJ06, RHB<sup>+</sup>04, RR10, ROL<sup>+</sup>15, RGHN<sup>+</sup>97, RGS<sup>+</sup>97, RHPC<sup>+</sup>19, RDFS WV99, RTM<sup>+</sup>20, RW95, RMPI<sup>+</sup>17, Rod13, RL97, RAB<sup>+</sup>17, RMG<sup>+</sup>23, RKS<sup>+</sup>95, SGA<sup>+</sup>15, SLC<sup>+</sup>20, SAKP<sup>+</sup>22, STK02, SLS<sup>+</sup>07, SHI06, SPSM23, SG99, SMCA01, SVD97, SH11a, Sch02a, SSLP95, SE07, SM15, SRW<sup>+</sup>10, SBQ<sup>+</sup>02, SFR<sup>+</sup>06, SRF<sup>+</sup>09a, SRAs<sup>+</sup>24, SF11, SSH<sup>+</sup>11, SSF97, SSH09, SMP<sup>+</sup>15, SMB02, SBP13, SSAL<sup>+</sup>17, SNB02, SLB13a, SDB<sup>+</sup>97, SKdS<sup>+</sup>14, SE95, SSS<sup>+</sup>11, Smi11, SBN<sup>+</sup>15, SBA<sup>+</sup>20, SIFS10, SBC17, SBR<sup>+</sup>97, SE14, SPB<sup>+</sup>10, SGL99, SWCB02, SSJ<sup>+</sup>22, SVS<sup>+</sup>20, SJST13, Ste04, SCWK08, SCH<sup>+</sup>19b, SS99b, SWGPK17, SCC<sup>+</sup>11, SMM<sup>+</sup>06, SKF<sup>+</sup>10, JMP<sup>+</sup>19, SZB<sup>+</sup>19, SLB13b, SJJ19, SB22, SBG<sup>+</sup>06, TB97, TOF04, THJ<sup>+</sup>17, THZ06, TPW07, TDvdE<sup>+</sup>10, TM22, TGK<sup>+</sup>11, TAL<sup>+</sup>12, TSPH09, TNT<sup>+</sup>15, TMGLM19, TSSR20, TBPS22, TP02b, TP02a]. **Ocean** [TLK<sup>+</sup>02, TPS<sup>+</sup>15, TRHA01, TA01, TDC08, TSB<sup>+</sup>14, TTA<sup>+</sup>16, TBB<sup>+</sup>11, TRM<sup>+</sup>15, TRB<sup>+</sup>19, VQ97a, VQ97b, VAM97, VSD<sup>+</sup>97, VHS97, VTA<sup>+</sup>11, VVM<sup>+</sup>12, VH99, VPP07, VBF<sup>+</sup>02, VNBW18, VTD<sup>+</sup>20, VIY02, VSV<sup>+</sup>97, VKM<sup>+</sup>10, VGF02, WN01, WHL<sup>+</sup>97, WPHL02, WC24, WLZ<sup>+</sup>19, WSM<sup>+</sup>22, WW04a, WFF07, WHNS04, WO99, WST15, Wei99, WWH97, Whe97, WF99, WCY05, WBM<sup>+</sup>10, WAL<sup>+</sup>11, WMC06, WSFB02, WNA<sup>+</sup>10, WACGH11, WAN<sup>+</sup>15, WDG<sup>+</sup>02, Wil98, WSB08, WCJ97, WC01a, WWC<sup>+</sup>99, WWN<sup>+</sup>02, WR01, WvdEP<sup>+</sup>10, WDC<sup>+</sup>15, WCL<sup>+</sup>15b, WW04b, Wun13, WSLC15, WPB11, XWZ24, YWI<sup>+</sup>02, YCN<sup>+</sup>10, YHK15, YQMB20, You99, YMMC11, YS01, YKJ<sup>+</sup>15, YBHM05, ZCG<sup>+</sup>12, ZW23, ZDW<sup>+</sup>20, ZRC<sup>+</sup>11, Zon97, bsBD<sup>+</sup>20, vdROO<sup>+</sup>24]. **Ocean-atmosphere** [SWLL23, AGL<sup>+</sup>19]. **Ocean-atmosphere-ice** [FAC<sup>+</sup>24]. **ocean-basin** [DKP<sup>+</sup>17]. **ocean-biogeochemistry** [JAM<sup>+</sup>14]. **Ocean-color** [KMLC<sup>+</sup>04, MCS<sup>+</sup>02, MCS<sup>+</sup>03, MSC04]. **ocean-sea** [WLY<sup>+</sup>22]. **Oceanic** [BMK09, CDJ<sup>+</sup>22, GDIK02, GSGS01, HGM<sup>+</sup>11, MFE<sup>+</sup>02, NP03, SMP<sup>+</sup>15, YSBH06, ACG<sup>+</sup>01, Ano96g, AMTE09, AMK<sup>+</sup>05, AMH<sup>+</sup>24, BK99, BMK96, Bat01, BW04, BC05, BBG15, BHS<sup>+</sup>19, CBW01, CBB<sup>+</sup>95, CJ19, DRD06, DWBP13, DNK<sup>+</sup>08, EAB<sup>+</sup>20, FCA04, GCRW95, GHIM04, HCG<sup>+</sup>09, HYMD11, IIM02, IIM<sup>+</sup>09, JDL<sup>+</sup>22, KAW<sup>+</sup>16, LW15, Met09, MSW11, MHM<sup>+</sup>14, NMW<sup>+</sup>09, PNVJ13, Rog00, RAL<sup>+</sup>01, RFHL99, SYT<sup>+</sup>10, SZB<sup>+</sup>19,

TGFP02, WH01a, WLZ<sup>+</sup>19, WDD<sup>+</sup>22, CRR01, IYM10]. **Oceanographic** [COQ<sup>+</sup>18, GKR<sup>+</sup>18, LWB<sup>+</sup>20, ML04, OT12, PBFS06, RSL05, SB22, YAS<sup>+</sup>93, BES11, BC08, BZ20, BFDB17, BCKH07, BMH<sup>+</sup>94, CHU<sup>+</sup>00, FWZM12, FZW<sup>+</sup>13, GDA<sup>+</sup>15, HPS<sup>+</sup>13, JD08, JRGLJ<sup>+</sup>19, KTSI07, LCW20, LSWH07, LBM<sup>+</sup>20, LNDH<sup>+</sup>17, MSS15, MSGO18, NPBS00, OB22a, PS04a, PC18, PDB<sup>+</sup>16, PLS<sup>+</sup>03, RMB05, RGIH<sup>+</sup>06, SMB<sup>+</sup>13, SNMH18, SGB<sup>+</sup>08, SBK08, SABP<sup>+</sup>16, TBW<sup>+</sup>11, UPS04, UIS<sup>+</sup>03, UY04, YKY<sup>+</sup>07]. **oceanographically** [CWE<sup>+</sup>17]. **Oceanography** [Ano05a, Ano06c, BGDT11, FL04, MTG18, PNLF02, WPG<sup>+</sup>07, AYN19, BH15, BND<sup>+</sup>04, CW09, CSM93, GSVCCCH12, GSP14, HLHW24, Hem99, Joh19, LC16, LCS16, MSI<sup>+</sup>08, MAR<sup>+</sup>15, O'H24, PNLF02, RP17, RDBP14, RGL06b, SCQ<sup>+</sup>09, WHNS04, WB03, WNA<sup>+</sup>10, WMP<sup>+</sup>11, WKLM15, WAW05b, WSP19, YFY<sup>+</sup>10, YHC<sup>+</sup>11]. **oceans** [Gre01, GC07, Hol96, PW12, Sig17, SW99, TSW<sup>+</sup>09, WCJ97, ZJH08, ABKL96, BGWF08, GAJ<sup>+</sup>13, LGP<sup>+</sup>15, LFKF<sup>+</sup>17, TCH<sup>+</sup>16]. **October** [BSN18, CCG04, DMS<sup>+</sup>98, IF95, SMB02, Ano99j, Ano22v, Ano23l, Ano24l, CCG04, Dan95, DMS<sup>+</sup>98, ERR97]. **octocoral** [BM17, FB14, PB13, QED<sup>+</sup>14]. **Octocorallia** [AL14, Dau18]. **octocorals** [RD25]. **octopodids** [ACPV04]. **octopuses** [ABE<sup>+</sup>11]. **oculata** [AHVB<sup>+</sup>17, NOFP14]. **Odate** [KTSI07]. **Odden** [BW99b, THV<sup>+</sup>99, WW99]. **Odobenus** [YBC<sup>+</sup>17]. **odontocete** [BCT21]. **odontocetes** [KOM17]. **Odontoceti** [IATK17]. **ODP** [GPK02, KOS<sup>+</sup>16, NGM<sup>+</sup>05]. **OECOS** [IYM10]. **Oerstedtia** [CK24]. **Oerstedtiidae** [CK24]. **off** [AMJRD19, AHGCNM<sup>+</sup>04, ADBU18, AAG02, ASB<sup>+</sup>02, Ano14, AGAB19, ARW<sup>+</sup>04, BSG<sup>+</sup>11, BBAL<sup>+</sup>20, BMK05, BB98, BOB20, BFT10, BPM18, BG94, BH94, BD94, Bla94, BMOW09, BBV00, CLT94, CTW<sup>+</sup>15, CCP<sup>+</sup>18, CA06a, CLC<sup>+</sup>20, CLF<sup>+</sup>09, CDG00, CCM<sup>+</sup>20, CHU<sup>+</sup>00, CGR<sup>+</sup>00, CPC<sup>+</sup>03, CHSVB<sup>+</sup>19, CDJM04, CDL94, DVS<sup>+</sup>14, DGN<sup>+</sup>17, DDL06, DVCG<sup>+</sup>12, Di 10, DOLP<sup>+</sup>09, DCR94, DBDT03, DGR19, DDLK06, DLKP14, DDB<sup>+</sup>97, EFW<sup>+</sup>14, EPPR09, ECM<sup>+</sup>06, FPHH<sup>+</sup>09, FGU04, FVSRR14, FPS10, FMFW07, FA02, FMH<sup>+</sup>02, FYS<sup>+</sup>17, GMT<sup>+</sup>09, GPC<sup>+</sup>04, GR10, GGPM05, GHIM04, GQ09, GAC<sup>+</sup>02, Grü99, HTD00, HT01, HWTP07, HVWH09, HS98, Hec94, HMAW11, HSR<sup>+</sup>16, HZS00, HYMD11, HSK<sup>+</sup>00, HF21, IATK17, JKK<sup>+</sup>10, JLK03, JCM<sup>+</sup>13, JBD<sup>+</sup>09, KL06, KCTG16, KKD06, KSDE16, KBV<sup>+</sup>97, KVM025, LCVV06, LTF<sup>+</sup>19, LWB<sup>+</sup>07, LRV<sup>+</sup>02, LPPK14, LAMLB18, MSRM14]. **off** [MMHB98, MHG<sup>+</sup>04, MASVB<sup>+</sup>19, MP17, MDC<sup>+</sup>10, MBB<sup>+</sup>02, MGH<sup>+</sup>16, MP94, MRMP09, MAR<sup>+</sup>17, MFG<sup>+</sup>04, MF09, MAA<sup>+</sup>04, MAA<sup>+</sup>05, MMMC07, ML04, MTMH11, NC97, NLDJ14, NGF09, NFD<sup>+</sup>02, NPBS00, NKK<sup>+</sup>00, NVK<sup>+</sup>04, NCR<sup>+</sup>08, NA09, NMWH19, NCSB<sup>+</sup>98, OVKN11, OM98, OG11, PPZ93, PKW07, PNH<sup>+</sup>00, PDT<sup>+</sup>10, PDC<sup>+</sup>99, QLU09, RA98, RV00, ROPB03, RLVF02, RH94, RAL04, RCF<sup>+</sup>16, SMLP04, SLCLC<sup>+</sup>24, SW09, SRAs<sup>+</sup>24, SLS<sup>+</sup>10, SPF10, SSV02, SSW05, SPEPS18, SRF09b, ŠH11b, SBB06, SEN<sup>+</sup>95, SMPSG<sup>+</sup>04, SAM96, SLC<sup>+</sup>15, SGW<sup>+</sup>00, SKW07, SN00, STS<sup>+</sup>15, TCG00, TBA<sup>+</sup>02, TMGLM19, TMT<sup>+</sup>11, TML<sup>+</sup>16, TKF16, TWPP07, UPS04, VBM<sup>+</sup>19, VKGQ<sup>+</sup>09, WB09, WvdEM00, WR09, WST15,



WGMW10, WTI<sup>+</sup>20, WNRM08, WMP<sup>+</sup>11, YKY<sup>+</sup>07, YHC<sup>+</sup>11, YLH<sup>+</sup>10, vC97, vGTG<sup>+</sup>00, vCO09]. **off-shelf** [JCM<sup>+</sup>13]. **off-shore** [BBAL<sup>+</sup>20]. **official** [DRR<sup>+</sup>14]. **offs** [RRK<sup>+</sup>20]. **Offshore** [Ano14, Ber24, CSM13b, CPW<sup>+</sup>18, DHS<sup>+</sup>14, DPK<sup>+</sup>14, DKP<sup>+</sup>14, DTJ<sup>+</sup>14, DVC14, FMWD07, KNB<sup>+</sup>24, KCA05, LDG94, MC05, MTGY05, MPH<sup>+</sup>05, MC18a, NLDJ14, NR00, PDK<sup>+</sup>14, PFC19, RHPC<sup>+</sup>19, RGS<sup>+</sup>15, RMG<sup>+</sup>23, SH99c, SJST13, SGFP13, SDLZ13, TZ09, TB05]. **OFP** [CRR01]. **Oil** [AZYT16, ALHP18, AKZL16, CMP14, DPK<sup>+</sup>14, DKP<sup>+</sup>14, DTJ<sup>+</sup>14, DBG<sup>+</sup>16, DRRBC16, EBM<sup>+</sup>18, EMEP18, FSP<sup>+</sup>16, GGM<sup>+</sup>16, HCRX16, JBD<sup>+</sup>09, Joy16, JBÖ<sup>+</sup>16, LMH<sup>+</sup>18, LLG<sup>+</sup>16, MPM<sup>+</sup>16, MAR<sup>+</sup>17, NLDJ14, NM18, OJK<sup>+</sup>10, PDK<sup>+</sup>14, Pas18, Pas16, PDB<sup>+</sup>16, PPS<sup>+</sup>16, PFDD16, RD16, RP18, RPF<sup>+</sup>16, SKD<sup>+</sup>16, SEM16, SAW16, SBL<sup>+</sup>18, TAB<sup>+</sup>16, WAM<sup>+</sup>18, YNG<sup>+</sup>16, ZA16, ZJA16, ZDP<sup>+</sup>16, Ano14, QNL<sup>+</sup>16]. **oil-associated** [Pas16]. **oil-based** [JBD<sup>+</sup>09]. **oil-degrading** [YNG<sup>+</sup>16]. **Oil-derived** [AZYT16]. **Oithona** [LCDS00]. **Okamejei** [WST15]. **okhotensis** [AM18]. **Okhotsk** [AN06, ASV18, BAF<sup>+</sup>18, CKFC18, KKSA19, MCB18, SID19, AN05, AM18, Ala18, BCE18, CP18a, Dau18, DNG<sup>+</sup>12, DFJ18, EBG<sup>+</sup>22, FHK18, GMB18, Gol18, GHM<sup>+</sup>12, GC18, HSS<sup>+</sup>12, ITM<sup>+</sup>12, Kam18, KME18, KSH12, LJB18, MA18a, MA18b, MB18, Mar18, MAK<sup>+</sup>16, MMDS18, ONRW10, OTK<sup>+</sup>05, OBH<sup>+</sup>18, SIA<sup>+</sup>05, SA18, SHS<sup>+</sup>12, VWTK18, YCN<sup>+</sup>10]. **okhotskensis** [Mar18]. **Okinawa** [CCC<sup>+</sup>03, IOK03, KLL03, KW03, Tan03, YA03, YKS03]. **Okubo** [IFFGL<sup>+</sup>04]. **old** [VMF<sup>+</sup>16]. **Oligocene** [OSHB07, VOK<sup>+</sup>24, WC07a, ZSLL15]. **oligotrich** [CLL<sup>+</sup>03]. **oligotrophic** [ABKL96, AKHR<sup>+</sup>20, BRG<sup>+</sup>19, DBR22, HLG<sup>+</sup>21, HZT<sup>+</sup>06, KNB<sup>+</sup>24, KTP<sup>+</sup>05b, LR97, LH08, LZB96, LLS<sup>+</sup>19, OvdRvA<sup>+</sup>22, PKZ<sup>+</sup>19, SZV<sup>+</sup>19, Thi05, TWPP07, VPA<sup>+</sup>20]. **Olimpi** [PPR<sup>+</sup>20a, TPP<sup>+</sup>20]. **Oman** [Duc93, ESK<sup>+</sup>23, LG00, MMHB98, MMWM00, PLdL97, PPZ93, SE24, SMBM00, SW00]. **OMAs** [dJMTGG11]. **OMEX** [WC01a]. **OMIP** [WLY<sup>+</sup>22]. **Ommastrephidae** [Sei13, TS13]. **OMP** [PFX<sup>+</sup>02]. **OMZ** [FLT97, FL02, WSB<sup>+</sup>09]. **On-board** [HZK<sup>+</sup>05]. **on-deck** [TPW<sup>+</sup>16, WW04a]. **on-going** [KCZ<sup>+</sup>19]. **on-shore** [CFGR07]. **Onboard** [DCD<sup>+</sup>14]. **Oncorhynchus** [ARWM13, ABC<sup>+</sup>05, AMK<sup>+</sup>05, KKUK10, KMOM19, MBC<sup>+</sup>09b, TBH09, WWB04]. **One** [CDP<sup>+</sup>02, CMC<sup>+</sup>02, DBC<sup>+</sup>02, MML07, DP02, DGN96, FNYK02, GFW07, LK98, LMS15, OFV09, VMF<sup>+</sup>16, WC06a, ZLOR02]. **One-dimensional** [CDP<sup>+</sup>02, DBC<sup>+</sup>02, DP02, DGN96, FNYK02, GFW07, WC06a, ZLOR02]. **One-year** [CMC<sup>+</sup>02]. **ONR** [FK98, KFH01]. **Onset** [BDE07, BFF<sup>+</sup>07, BCBF03, FPW02]. **Onshore** [SGFP13]. **Ontario** [LPZ<sup>+</sup>04]. **Ontogenetic** [MMID17, WL20, YOK<sup>+</sup>10]. **ontogenetically** [KSU<sup>+</sup>08, KUN10, KIN<sup>+</sup>10]. **Ontogeny** [YKN07]. **ooze** [GPK02]. **opal** [ITK<sup>+</sup>16, MHB<sup>+</sup>95, RLPF07, vdLBB<sup>+</sup>02, LBR<sup>+</sup>08, LDS<sup>+</sup>08, NKD<sup>+</sup>08]. **Open** [SUL<sup>+</sup>06, Ano05d, BMK05, BNM08, BCE18, BCH<sup>+</sup>19, BNFS01, DC12, DKC<sup>+</sup>17, FvFC<sup>+</sup>11, LWLS98, LBJ<sup>+</sup>13, MM05, NRS14, NTK<sup>+</sup>09, RHI00, SFR<sup>+</sup>06, SLW98, SUK<sup>+</sup>06, WCH05, WYW<sup>+</sup>02, YK05, YMMC11].

**Open-ocean**

[SUL<sup>+</sup>06, BNFS01, LWLS98, NTK<sup>+</sup>09, RHI00, SUK<sup>+</sup>06, WYW<sup>+</sup>02, YK05].  
**open-water** [DC12]. **opened** [LJL<sup>+</sup>12]. **Operated**  
 [MCH<sup>+</sup>13, DDB<sup>+</sup>17, DBBWH20, HSM11, LAJP13]. **Operational**  
 [HDGM19, COS<sup>+</sup>16, SABP<sup>+</sup>16]. **operationalizing** [RDSA<sup>+</sup>21]. **operations**  
 [Sag18]. **Opercularella** [Ste13]. **Ophelicola** [CBMM15]. **Ophidiiformes**  
 [MGN<sup>+</sup>18]. **Ophiolimna** [BTC13]. **Ophiuroidea** [SN00]. **ophiuroids**  
 [BBE<sup>+</sup>13]. **Ophryotrocha** [AP22, VHM17]. **opilio**  
 [DBMI17, FJR<sup>+</sup>20, GKBG17]. **opisthobranch** [Mar13]. **opportunists**  
 [YERT13]. **opposing** [CB09a]. **opposite** [BFSK08]. **Optical**  
 [GNG<sup>+</sup>22, GLSK<sup>+</sup>17, PBD<sup>+</sup>02, RGW04, ZWK<sup>+</sup>15, AL98, ARLB00, BRPI02,  
 CDA98, CCH95, DMS<sup>+</sup>98, DNK<sup>+</sup>08, FCG18, Fig02, FWM<sup>+</sup>11, IHSS<sup>+</sup>10,  
 JOD98, KLK<sup>+</sup>15, KMD<sup>+</sup>99, KMDW01, KBE<sup>+</sup>04, KGB06, MFH04, MHA<sup>+</sup>15,  
 MS18, MAA<sup>+</sup>04, MAA<sup>+</sup>05, NRS14, PVK<sup>+</sup>20, PPRHLF02, PTA<sup>+</sup>99, RD97,  
 SSI<sup>+</sup>99, SWO<sup>+</sup>01, SCM<sup>+</sup>08, WTSP07, bsBD<sup>+</sup>20]. **optics**  
 [BBS14, HWS<sup>+</sup>98a]. **Optimal** [FGH<sup>+</sup>13b, MTWC<sup>+</sup>15]. **Optimality**  
 [Arm06]. **Optimality-based** [Arm06]. **optimisation** [KMB11]. **Options**  
 [MPH<sup>+</sup>16, AH17]. **Orbital** [AKI<sup>+</sup>16, GBC<sup>+</sup>05, GHM<sup>+</sup>12]. **Orbital-scale**  
 [AKI<sup>+</sup>16]. **orca** [MT98]. **Orchomene** [HNS<sup>+</sup>11]. **Orcinus** [MT98]. **Order**  
 [GBBS00, IUdV<sup>+</sup>12, GTSC08, RRT<sup>+</sup>17]. **Ordovician** [ASS02, SSAF02].  
**Oregon** [BPS00, DME<sup>+</sup>18, FPS10, GGPM05, MPZ04, SPF10, SSW05,  
 SCPP05, YLG<sup>+</sup>18, vGTG<sup>+</sup>00]. **Organic**  
 [BMD<sup>+</sup>17, BRP<sup>+</sup>13, Cra97, FRW00, FGW02, HdVGHM02, KLL03, KBI<sup>+</sup>11,  
 KSS00a, LPFS97, LSB07, LCE<sup>+</sup>23, MS06a, Mil94b, MB08, NMS09, PD01,  
 PGZ<sup>+</sup>09, RCL<sup>+</sup>09, RBDO17, TBA<sup>+</sup>02, WLP<sup>+</sup>09, ABC<sup>+</sup>04, AWL<sup>+</sup>09,  
 ASBM02, ARC02, ACH02, AHHCR23, ALH<sup>+</sup>01, BHMC05, BSS<sup>+</sup>17,  
 BDW<sup>+</sup>98, BA10, BWD20, BJF16, BCG04, BBDL98, BPB<sup>+</sup>94, BLS<sup>+</sup>97,  
 BGG<sup>+</sup>09, BSS15, BAH<sup>+</sup>95, BBA<sup>+</sup>98, BBA<sup>+</sup>01, CD95, CHPS00, CHN<sup>+</sup>10,  
 CZP<sup>+</sup>08, CCP<sup>+</sup>18, CMB<sup>+</sup>97, CM99a, CMB99, CZVR02, CSGC03b, CCZ<sup>+</sup>21,  
 CM00, ÇYFB<sup>+</sup>06, ÇYAYT06, CLPL<sup>+</sup>09, CMB12, CSS<sup>+</sup>02, DURP03, DD95,  
 DB05, DPLB94, DTB<sup>+</sup>02, DKN<sup>+</sup>97, DJS<sup>+</sup>08, DC00, DRR17, DÁSCP02,  
 DGB<sup>+</sup>98, DSYH09, EAS<sup>+</sup>09, ERB<sup>+</sup>99, GWZ16, GRS00, GRC<sup>+</sup>03, GBL<sup>+</sup>08,  
 GSB<sup>+</sup>23, GGM<sup>+</sup>16, GLSK<sup>+</sup>17, GCB04, GMC<sup>+</sup>12, GOP<sup>+</sup>01, HMB<sup>+</sup>96,  
 HCBP97, HP98, HC01, HWM02, Har94, HVN02, HSC<sup>+</sup>07, HCG<sup>+</sup>03, HWC07].  
**organic** [HD02, HLM<sup>+</sup>01, JDS<sup>+</sup>08, JDD<sup>+</sup>11, JBS<sup>+</sup>13, KBLA97, KR95,  
 KCD<sup>+</sup>17, KLY<sup>+</sup>15, KHL<sup>+</sup>16, KMC05, KVB<sup>+</sup>09, KSU<sup>+</sup>06, KW00, LRGH<sup>+</sup>05,  
 LG09, LMB<sup>+</sup>98, LPW<sup>+</sup>09, LG98, LWM<sup>+</sup>09, LWL<sup>+</sup>16, LKH<sup>+</sup>07, LFC16,  
 MP99, MHB05, MORB<sup>+</sup>15, MBB<sup>+</sup>02, MD14, MGS<sup>+</sup>10, dJMTGG11,  
 MFG<sup>+</sup>04, MGC<sup>+</sup>14, MES97, MLK<sup>+</sup>12, MBT97, MSTT07, MYN<sup>+</sup>96,  
 NSKG96, NAB<sup>+</sup>02, NVBJ08, NKB95, NW01, NTS<sup>+</sup>11, OCL<sup>+</sup>08, OUK03,  
 ODP<sup>+</sup>17, PCB<sup>+</sup>00, PW15, PMJW10, PPZ93, PTM<sup>+</sup>16, PH96, Pfa93,  
 PPFS17, PDE<sup>+</sup>16, PCB<sup>+</sup>17, PDS<sup>+</sup>17, PRMM<sup>+</sup>17, PDTS08, QB02, RTB02,  
 RV00, RGH<sup>+</sup>24, RRWR08, RGS<sup>+</sup>97, RIHGS00, RMPI<sup>+</sup>17, RPF<sup>+</sup>16,  
 RBH<sup>+</sup>20, SdS01, SMCA01, SSB<sup>+</sup>17, SBHS20, SSV02, SSM<sup>+</sup>00, SW00,

SMD08, SBN<sup>+</sup>15, SBA<sup>+</sup>20, SP00, SLZ<sup>+</sup>16, SD96, SAM96, SP06, SJSI00, SCM<sup>+</sup>09, TRH<sup>+</sup>08, TTLP06, TGK<sup>+</sup>11, TAL<sup>+</sup>12, TTCD14, VCSM09, VKGP<sup>+</sup>11, VAK<sup>+</sup>09, VCR02, WWH97, WYW<sup>+</sup>02, WC09]. **organic** [WAC<sup>+</sup>09, WDC<sup>+</sup>15, YCN<sup>+</sup>10, YCT<sup>+</sup>22, YÇYTKB06, YOI<sup>+</sup>09, YHL<sup>+</sup>12, YBHM05, ZQ97, ZCG<sup>+</sup>12, ZWQ<sup>+</sup>19, ZWL<sup>+</sup>22, ZdBB<sup>+</sup>07, Zon07, ZB00, dCHdOF<sup>+</sup>18, dSG09a]. **organic-** [ODP<sup>+</sup>17]. **organic-matter** [DD95]. **Organic-walled** [HdVGHM02, ZB00, dSG09a]. **organisms** [AMN<sup>+</sup>02a, BBL<sup>+</sup>13, CGR<sup>+</sup>96, KRGT14, MB08, PDY20, UGSK<sup>+</sup>20]. **organization** [BMGC09, BH19b]. **organo** [dJMTGG11]. **organo-mineral** [dJMTGG11]. **organochlorine** [GSK96]. **organs** [LV17]. **orientalis** [KHT<sup>+</sup>20, KOT<sup>+</sup>20]. **orientation** [BGCH20, MOT98]. **oriented** [BKM07, MBd05]. **Origin** [BSS<sup>+</sup>17, CLB96, RdGM<sup>+</sup>09, BC05, BLS<sup>+</sup>97, GPBV<sup>+</sup>07, KL06, LPMS09, MTGY05, RTB02, Rai11, RLGG07, SHB02, TLW<sup>+</sup>94]. **original** [GPF16]. **Origins** [MSRM08]. **Orinoco** [HMSMK04]. **Orkney** [MNR<sup>+</sup>11]. **ornata** [WST15]. **Orographic** [Sco05]. **orthogonal** [IS07]. **Oscillation** [AMH<sup>+</sup>24, CAGL13, CPH01, HC15, MMH<sup>+</sup>08, TSS<sup>+</sup>21, ZPT<sup>+</sup>13]. **oscillations** [Chi96, PWJF20, RSSM19, SPF<sup>+</sup>94, VV23, ZL23]. **Osedax** [ALSF<sup>+</sup>17]. **osmium** [KGW96]. **ossicola** [QRE<sup>+</sup>17]. **ostenfeldii** [GKQ<sup>+</sup>05]. **ostracoda** [SSR<sup>+</sup>14, Ang10, BVB14a, KB15]. **ostracode** [GCCG13]. **ostracods** [CB18, Zar16]. **Otago** [OM98]. **Otaria** [RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16]. **Other** [Ano98g, Ano99f, Ano00f, AS01a, ACPV04, BCT21, BBLE24, DTWF17, FVSRR14, FVW08, GTTKB14, GBLS00, GCKC07, GJC98, HTML98, HHH<sup>+</sup>22, KM98, LLM<sup>+</sup>02, LLM<sup>+</sup>03, NKF<sup>+</sup>10, NVK<sup>+</sup>04, PK08, Reb03, RHPC<sup>+</sup>19, UY04, WAC<sup>+</sup>09]. **Otolith** [HiII<sup>+</sup>19, HiII<sup>+</sup>20, MMS<sup>+</sup>19, WZC<sup>+</sup>19, ZDW<sup>+</sup>20]. **otter** [TCEW07]. **our** [Har06]. **outbreaks** [KAM<sup>+</sup>14, Sco05]. **Outbreeding** [BKS<sup>+</sup>10]. **outcome** [FC09, ROBV<sup>+</sup>18]. **Outcomes** [Urb20, RBDO17]. **Outer** [PTM<sup>+</sup>16, SS99a, GPMZ<sup>+</sup>10, KMO09, SPF<sup>+</sup>94]. **outflow** [ASB<sup>+</sup>02, BWAS02, CBG02, DGR02, HMLS<sup>+</sup>06, MLW<sup>+</sup>16, ONRW10, SLDL93, SAK05, YFL<sup>+</sup>23]. **outflows** [PHOM09]. **outline** [KWA<sup>+</sup>20]. **outlook** [BEG07]. **output** [HPH<sup>+</sup>16, VHM17, YSWJ16]. **ovata** [Mal15]. **overall** [WGG98]. **overcast** [CWVB04]. **overexploitation** [CWSH20]. **overflow** [BL04, LGB13, Men23, PR05, Thu06]. **overflows** [VMB17, WJ02]. **Overlap** [CLQ<sup>+</sup>18, BSR<sup>+</sup>18, HHMF11, MS11, PKHH17, PRDB<sup>+</sup>17, RSWG04, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16]. **overlaps** [MST<sup>+</sup>14]. **overlying** [TMT<sup>+</sup>11]. **overturn** [HC01]. **Overturning** [CH11, GLBB11, GM11, HMHY11, MD06, MKW11, Bae11, BJ15, MZD<sup>+</sup>11, RHK<sup>+</sup>11, RKHK<sup>+</sup>11, SF11]. **Overview** [MK96, ROB<sup>+</sup>17, SH02, SCB<sup>+</sup>01, TO95, BQT08, BMO93, Bur99, BAR<sup>+</sup>02, CHU<sup>+</sup>00, CHS17, DTJ<sup>+</sup>14, DFF02, DWJ<sup>+</sup>15, DGT14, ES04, GH05, GHS09, HMW<sup>+</sup>15, HWCT04, IBB<sup>+</sup>02, KTB<sup>+</sup>05, LTW<sup>+</sup>11, LPSS03, LD07, Mah16, MFH04, MDTG13, PL00, Rog17, Sak07, SIBW01, SBDB09, SBKS03, Smi11, SYB<sup>+</sup>11, TZ09, TBFP04, VNA<sup>+</sup>16, WTP<sup>+</sup>07, WKM<sup>+</sup>07c, WKLM15, YOR13].

**overwinter** [CSS<sup>+</sup>22b]. **Overwintering** [Dal04, ST07]. **own** [ŽSN<sup>+</sup>18]. **oxic** [KMLT06]. **oxic/anoxic** [KMLT06]. **Oxidation** [Sch07, BNP<sup>+</sup>09, CCK<sup>+</sup>16, GMT<sup>+</sup>09, HFL<sup>+</sup>15, MS06a, MF09, TCG<sup>+</sup>18, WJS<sup>+</sup>10]. **oxide** [BKP<sup>+</sup>19, CFV<sup>+</sup>18, DH97, FUGG<sup>+</sup>09, JBR<sup>+</sup>18, LL01, LAMLB18, WYPY06]. **oxidizing** [CBNR<sup>+</sup>09, HSS<sup>+</sup>18, TSP<sup>+</sup>18, YLD09]. **oxycline** [MF09].

### **Oxygen**

[ADBU18, CSH<sup>+</sup>13, DO01, HLL<sup>+</sup>09, LWM<sup>+</sup>09, MPB<sup>+</sup>18, PCB<sup>+</sup>17, SAM96, TNT<sup>+</sup>15, VCO<sup>+</sup>15, ÁRR02, AKI<sup>+</sup>16, BRM18, BRJM18, BH19a, BL96, BLW<sup>+</sup>09, CFT<sup>+</sup>04, CLH<sup>+</sup>00, CMB02, CL09, DAKR20, DGN<sup>+</sup>17, DRBM97, DSO<sup>+</sup>97, EHK09, FCA04, FCAD04, FDC<sup>+</sup>18, FSGV<sup>+</sup>09, GMT<sup>+</sup>09, GPC<sup>+</sup>04, GQ09, GBLS00, GLdS<sup>+</sup>09, GW98, HBT<sup>+</sup>08, HiI<sup>+</sup>19, HiI<sup>+</sup>20, HCRX16, JWC09, KNK15, KSBK01, KFF<sup>+</sup>94, KBSS93, KLČ<sup>+</sup>19, LG00, LG09, LG98, LGML00, LL00, LN01, LAMLB18, MGHN01, MASVB<sup>+</sup>19, MMS<sup>+</sup>16, MPS<sup>+</sup>21, MAK<sup>+</sup>16, MMWM00, MFG<sup>+</sup>04, MF09, MCS<sup>+</sup>99, MFM<sup>+</sup>18, MMM<sup>+</sup>00, MBG09, NS93, OTNT05, OHFW93, OENB01, PRC<sup>+</sup>09, PHS17a, PHD<sup>+</sup>18, QSA<sup>+</sup>09, RCL<sup>+</sup>09, Rog00, RMNB08, SWC09, Sei13, SBHS20, SW00, SLH<sup>+</sup>00, SLZ<sup>+</sup>16, SKGD14, SFMG13, SNK07, TLF97, TBSP<sup>+</sup>18, TTDR13, TS13, TDC08, UP09, VCSM09, VKGQ<sup>+</sup>09, WWC<sup>+</sup>19, WGG98].

**oxygen-deficient** [GBLS00]. **oxygen-depleted** [SNK07].

**oxygen-minimum** [VKGQ<sup>+</sup>09]. **oxygenation** [BN05]. **Oxymycale**

[LPAR24]. **Oxypolella** [CAK15]. **Oxypolella-like** [CAK15]. **Oyashio**

[HiI<sup>+</sup>19, HiI<sup>+</sup>20, HYK<sup>+</sup>02, IGN<sup>+</sup>10, IHSS<sup>+</sup>10, KYI10a, KYI10b, KUN10, KIN<sup>+</sup>10, KMO<sup>+</sup>10, KS10, LSGM02, NKF<sup>+</sup>10, OHS10, STK02, Sak07, SF10, SHN<sup>+</sup>07, SKF<sup>+</sup>10, YOK<sup>+</sup>10, YOO<sup>+</sup>10].

**P** [Ano97b, Ano97c, FSK<sup>+</sup>05, HLF08, ZHK<sup>+</sup>05, ADV<sup>+</sup>01, CKH<sup>+</sup>05, GS06b, KTP<sup>+</sup>05b, KTB<sup>+</sup>05, PWR05, PST<sup>+</sup>05, WBM96, WWC<sup>+</sup>99, ZHK<sup>+</sup>05].

**P-cycle** [FSK<sup>+</sup>05]. **P-limited** [ZHK<sup>+</sup>05]. **P-ratios** [HLFP08]. **P.**

[BGMH01, MM15]. **Pa**

[AFB<sup>+</sup>94, CAFK03b, FA03, HAF<sup>+</sup>15, SvdLM95, VvdLS11]. **Pachycara**

[BKPA06]. **Pachyptila** [vFvdBB<sup>+</sup>02, BY09]. **Pacific**

[AM24, ARF<sup>+</sup>13, BPD<sup>+</sup>11, BRPH20, CMW<sup>+</sup>05, CM16a, DLHH11, DB16, DCK01, DFJ18, DGB<sup>+</sup>98, FSL<sup>+</sup>01, Fri01, FSGV<sup>+</sup>09, GFK24, GMPSHA<sup>+</sup>13, GdRGLS04, HK01, IYM10, JLL<sup>+</sup>13, KBL01, KVMO25, KKNH02, LBV<sup>+</sup>08, LBL08, LSU04, LKL<sup>+</sup>13, LAT<sup>+</sup>18, MCS<sup>+</sup>03, MHK<sup>+</sup>03, MSNL09, MMG98, NHS<sup>+</sup>09, NLSL09, OKY<sup>+</sup>17, OBWK01, PLS<sup>+</sup>03, PZL<sup>+</sup>09, PDY20, RR10, RD97, SM15, SFV<sup>+</sup>98, SCWK08, SBG<sup>+</sup>06, TdFAL19, TSB<sup>+</sup>14, VOK<sup>+</sup>24, WSM<sup>+</sup>22, Wei15, WF99, WCY05, WAN<sup>+</sup>15, WSB08, WWN<sup>+</sup>02, WDC<sup>+</sup>15, WCL<sup>+</sup>15b, YWI<sup>+</sup>02, YCN<sup>+</sup>10, ATD<sup>+</sup>11, AM22a, AM24, AHR<sup>+</sup>06, ATJ05, AP22, ABKL96, ASF<sup>+</sup>16, Ano06g, AKK<sup>+</sup>17, ANI09, ATS<sup>+</sup>96, AAB<sup>+</sup>97, Arr15, Arr16, ACG19, AMN<sup>+</sup>02b, AMK<sup>+</sup>05, BTV<sup>+</sup>11, BFL<sup>+</sup>20, BKP<sup>+</sup>20, BK96a, BGS98, BSL<sup>+</sup>96, Bas19, BLSW05, BB09, BW04, BHS<sup>+</sup>06, BDW<sup>+</sup>98, BMK05, BS98, BAD<sup>+</sup>97, BL98, BZS<sup>+</sup>16, BBDL98, BGWF08, BO96, BCO<sup>+</sup>96, BD02].

**Pacific**

[BCS99, BE18, BCB<sup>+</sup>18, BTRL99, BCE18, BT98, Bor01, BML<sup>+</sup>06, BHJ99, BGH99, BH99b, Boy02, BSCE15, BEM<sup>+</sup>15, BRPI02, BT04, BLS<sup>+</sup>08, BLG15, BNFS01, BBB<sup>+</sup>11b, BTS<sup>+</sup>08, BT15, BOH<sup>+</sup>04, CD95, CTGD08, CFV<sup>+</sup>18, CLB96, CDP<sup>+</sup>02, CWSH20, CMB99, CAFK03a, CAFK03b, CBS<sup>+</sup>96, CB18, CDG00, CK24, CMAO<sup>+</sup>12, CVM<sup>+</sup>01a, CVM<sup>+</sup>01b, CMBPM04, CLQ<sup>+</sup>18, CM16b, CMH<sup>+</sup>20, CBMM15, CRM<sup>+</sup>16, CGG<sup>+</sup>19, CCC<sup>+</sup>23, CMPB18, CJM<sup>+</sup>22, DZBR95, Dan95, DN97, DDN<sup>+</sup>04, Dau18, DABMAMA04, DGN<sup>+</sup>17, DLR11, DJS<sup>+</sup>08, DBN<sup>+</sup>11, DP99, DP02, DVPR06, DGR19, DRS10, DKJ13, DJ15, DBS98, DCF<sup>+</sup>18, DQC95, DWW<sup>+</sup>02, DBC<sup>+</sup>02, DCF<sup>+</sup>11, DMY<sup>+</sup>97, DNA97, DO96, EWBW99, ERR97, EBB<sup>+</sup>08, FMZ15, FL04, FHAH16, FWC<sup>+</sup>95, FWG<sup>+</sup>97, FBC<sup>+</sup>02, FAS<sup>+</sup>03b, FLMF07, FB15, FEB<sup>+</sup>15, FCG<sup>+</sup>96, FSG02, FDM<sup>+</sup>97, FBCN00, Fre13, FDC<sup>+</sup>18, FC07, GLLC04]. **Pacific** [GVW<sup>+</sup>19, GGCM17, GML99, GSdAMNMM04, GJC98, GKR<sup>+</sup>18, GBP21, GMC19, GK02, HRM<sup>+</sup>06, HSS<sup>+</sup>18, HMB<sup>+</sup>96, HCBP97, HOD<sup>+</sup>09, HTTS12, HSS<sup>+</sup>12, Har96, HC15, HTS<sup>+</sup>09, HTK<sup>+</sup>10, HSBT19, HCHD09, HHP<sup>+</sup>96, HALV18, HSC<sup>+</sup>19, HYK<sup>+</sup>02, HA03, HMS<sup>+</sup>03, HWS<sup>+</sup>98b, HIN<sup>+</sup>02, HDCM95, HFM<sup>+</sup>00, HDW<sup>+</sup>20, HAM<sup>+</sup>15, ITT12, INTS02, IF95, IHSS<sup>+</sup>10, IIM<sup>+</sup>09, JCD<sup>+</sup>03, Joh96, KF95, KPML20, KBK<sup>+</sup>18, Kam15, Kam18, KSH<sup>+</sup>09, KWN<sup>+</sup>09, KOS<sup>+</sup>16, KMSM11, KNG02, Kaw02, KDU<sup>+</sup>10, KxF22, KZ<sup>+</sup>19, KSBK01, KM95, KYI10a, KRB95, KY17, KTSI07, KSU<sup>+</sup>08, KT02, KMA<sup>+</sup>18, KHT<sup>+</sup>20, KOT<sup>+</sup>20, KN97, KNI<sup>+</sup>05, KFS<sup>+</sup>10, KNB11, KR07, KLKB95, KNN<sup>+</sup>06, KCO<sup>+</sup>19, KMS<sup>+</sup>02, LKD<sup>+</sup>15, LVJC17, LMLJ18, LSF<sup>+</sup>01, LSST20, LCK95, LKC96, LK02, LST<sup>+</sup>11, LK98, LCS<sup>+</sup>06, LR97, LFM02, LBD<sup>+</sup>02, LGP<sup>+</sup>03, LSNH15, LGF03, LSM<sup>+</sup>06b, LMKL09, LDG<sup>+</sup>23, LB18, LSGM02, LBB95, LIS<sup>+</sup>02]. **Pacific** [LLK<sup>+</sup>09, LCWJI<sup>+</sup>19, LSC02, LGP<sup>+</sup>15, LFHM97, LSM96, LKK<sup>+</sup>95, MN10, MC05, MTGY05, MPH<sup>+</sup>95, MPG<sup>+</sup>97, MBHN02, MBHP99, MP99, Mal15, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MTB09, Mar18, MASVB<sup>+</sup>19, MRSLM<sup>+</sup>19, MCSF15, MMS<sup>+</sup>19, MA05, MGNB96, MCS<sup>+</sup>02, MGK19, MV01, MLR07, MAR<sup>+</sup>15, MTT<sup>+</sup>12, MLS<sup>+</sup>06, MM15, MRC05, MDH16, MMD15, MS12, MSS<sup>+</sup>02, MF09, MSGO18, MHSV18, MDTG13, MZH16, MWFS17, MST<sup>+</sup>14, MHM<sup>+</sup>14, MKS<sup>+</sup>02, MJG95, MYN<sup>+</sup>96, MLD97, NOT<sup>+</sup>09, NMH<sup>+</sup>06, NHCL14, NBSF01, NAB<sup>+</sup>02, NL11, NTK<sup>+</sup>09, NZT97, OKH<sup>+</sup>22, ONRW10, OTNT05, OTOH05, OACA19, OYK15, OTH05, OT12, PBFS06, PCDM11, PHS17a, PPYN15, PWCL98, PH96, PFC19, PWF03, PRORSV<sup>+</sup>19, PHD<sup>+</sup>18, PLL<sup>+</sup>06, PWB<sup>+</sup>06, PWP<sup>+</sup>05, PSK<sup>+</sup>00b, PDSS96, PDB<sup>+</sup>20, Qua97, RR96, RPMS95, RMA<sup>+</sup>20, RLPF07, RHPC<sup>+</sup>19, RPAD99, RL97, RDLZ02, SAKP<sup>+</sup>22, SBCH02, STK02, STN<sup>+</sup>06]. **Pacific** [STN<sup>+</sup>09, SLCLC<sup>+</sup>24, SiSA<sup>+</sup>02, SD06a, STF09, SA15a, SMH<sup>+</sup>06, SH99c, SBBP<sup>+</sup>15, SDB<sup>+</sup>18, SLT<sup>+</sup>11, SLHS20, SNMH18, SFG98, SBSH99, SIS<sup>+</sup>02, SKS<sup>+</sup>23, SNIT02, SP19b, SNB02, SHD<sup>+</sup>96, SBD<sup>+</sup>97, SBG<sup>+</sup>98, SD98, SMB<sup>+</sup>98, SM03, SHM<sup>+</sup>20, SHR20, SIFS10, SMPSD04, SH16, SCGB18, SCH<sup>+</sup>19b, SMB<sup>+</sup>18, SHPM14, SPD<sup>+</sup>11, SLS11, SLB<sup>+</sup>15, SKF<sup>+</sup>10, JMP<sup>+</sup>19, SPP22, SMLS02, SSI<sup>+</sup>09, SHKW05, TYBY06, TT05, TLSY11, TRWB99, TSWJ12, TKF07, TMGLM19, TS10, TMP<sup>+</sup>13, TBB<sup>+</sup>08, TSB<sup>+</sup>14, TSN<sup>+</sup>06,

TSMS09, TNIW02, TTA<sup>+</sup>16, TBB<sup>+</sup>11, UP09, URDP01, VMBS03, VH99, VSSN96, VS99, VSV<sup>+</sup>97, VT01, VBC<sup>+</sup>95, WHF<sup>+</sup>19, WHL<sup>+</sup>97, WPHL02, WCRG95, WGR<sup>+</sup>97, WCMB06, WYOS18, WLZ<sup>+</sup>19, WXL<sup>+</sup>23, WFA<sup>+</sup>95, WSL07, WMW96, WTCB09, WGNH15, WYL<sup>+</sup>20, WZW<sup>+</sup>95, WCH05, WTT<sup>+</sup>20, WACGH11, WNHF<sup>+</sup>15, WCB98, WM99, WC02, WYW<sup>+</sup>02, WWW<sup>+</sup>02, WC06b, WJS<sup>+</sup>06, WSP19, WCWW99, YK16]. **Pacific** [YTF02, YWW23, YKS<sup>+</sup>19, YKO15, YOI<sup>+</sup>09, You10, YBC<sup>+</sup>17, ZKSS06, ZNM<sup>+</sup>02, ZOB<sup>+</sup>96, ZDWR95, ZD97, ZQ97, ZRC<sup>+</sup>11]. **Pacific-Arctic** [OACA19]. **Pacific-influenced** [CJM<sup>+</sup>22]. **pacifica** [AELP14, KYI10a, KYI10b, LS10, SPF10]. **pack** [BLB<sup>+</sup>11, CMNM16, FHvFM08, FMS08, FWM<sup>+</sup>11, GFS99, JSM<sup>+</sup>16, KMM<sup>+</sup>08, KBF<sup>+</sup>08, LCvdM<sup>+</sup>16, MNG<sup>+</sup>11, SvdMC<sup>+</sup>16, TKF16, UWvdE<sup>+</sup>16, vdMLB<sup>+</sup>11]. **pack-ice** [BLB<sup>+</sup>11, FHvFM08]. **packages** [TWL<sup>+</sup>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<sup>+</sup>13, SW08, WSS<sup>+</sup>08]. **pair** [PKW07, SKW07, TPW07]. **pairs** [VMGO<sup>+</sup>09]. **Pakistan** [BG09a, BLW<sup>+</sup>09, CL09, CML<sup>+</sup>09, GLdS<sup>+</sup>09, HLL<sup>+</sup>09, JWC09, LSS<sup>+</sup>09, LWM<sup>+</sup>09, MBG09, SJSI00, VCSM09, WSB<sup>+</sup>09, WC09, WAC<sup>+</sup>09]. **PALACE** [HMSMK04]. **palaeo** [GPK02, ZB00]. **Palaeo-** [ZB00]. **palaeo-flux** [GPK02]. **palaeoceanography** [RAF<sup>+</sup>14a, RAF<sup>+</sup>14b]. **palaeoenvironmental** [ID19, Tho04]. **Palaeoproductivity** [PS05]. **Paleo** [PPR07]. **Paleoceanographic** [GNT<sup>+</sup>17, AELP14, AKI<sup>+</sup>16, CHL<sup>+</sup>15, FSG02, HAF<sup>+</sup>15, MHB<sup>+</sup>95, MPB<sup>+</sup>18, OTK<sup>+</sup>05, RH07, TT05]. **paleoceanographical** [VTD24]. **Paleoceanography** [ITM<sup>+</sup>12, WFF07, IOTS16, ITK<sup>+</sup>16, KOS<sup>+</sup>16, Tak05, TRO16, TSOT16]. **paleoclimatic** [BIP<sup>+</sup>02, DFA<sup>+</sup>20, SHS<sup>+</sup>12]. **paleoclimatology** [WFF07]. **Paleodictyon** [RSdV<sup>+</sup>09]. **paleoenvironmental** [AN05, AN06, KT05, ZWC<sup>+</sup>15]. **Paleoflow** [MF93a]. **Paleomagnetic** [LSOM16, OTNT05]. **paleontological** [GBC<sup>+</sup>05]. **Paleoproductivity** [ITK<sup>+</sup>16, KKT16]. **paleoreconstructions** [AMN<sup>+</sup>02a]. **paleospeed** [LB93]. **pallasii** [ASF<sup>+</sup>16, GKR<sup>+</sup>18, SPP22, TKF07]. **Palmahim** [BBAL<sup>+</sup>20, BBS<sup>+</sup>20]. **Palmer** [RQM<sup>+</sup>08]. **palumbii** [MN10]. **Palynofacies** [SSB<sup>+</sup>17]. **palynological** [DW15a]. **pammelae** [BBB<sup>+</sup>01]. **Pandalus** [AI09, NA09]. **Pannychia** [OKH<sup>+</sup>22]. **PAP** [LBM10, SWBKK10]. **Papa** [WCWW99]. **Papagayo** [GSdAMNMM04]. **paper** [Eif05, JW05a]. **papers** [Lut09]. **Paracanthochus** [MM15]. **paradigm** [PL04]. **paradigms** [LdSN<sup>+</sup>18]. **paradoxical** [YERT13]. **Paragenesis** [Cha07]. **Paragorgiidae** [FB14]. **paralarvae** [RNP93]. **paralarval** [BJP<sup>+</sup>22]. **Paralytic**

[DVC14, DRR<sup>+</sup>14, ACK<sup>+</sup>14, BMH05, BCL14, DCD<sup>+</sup>14, KAM<sup>+</sup>14].  
**Parameter** [KMB11, SOW01, IFFGL<sup>+</sup>04]. **parameterisation** [RFHL99].  
**Parameterization** [WDFK<sup>+</sup>22, CDJ<sup>+</sup>22, GDL22, HCJ<sup>+</sup>22, LYL22, Pap05a, SHL<sup>+</sup>11, SD22, TCM<sup>+</sup>22, TC06, YXZ<sup>+</sup>22]. **parameterizing** [MPH<sup>+</sup>16].  
**parameters** [ABC<sup>+</sup>04, AHGCNM<sup>+</sup>04, ADBW16, BL99, DM16a, FNS20, GDA<sup>+</sup>15, HAGW<sup>+</sup>13, HPM02, KCMT<sup>+</sup>20, KRGT14, Lar04, LBB95, LW04, MGJ<sup>+</sup>18, MFN<sup>+</sup>02, Pon07, TLR<sup>+</sup>00, ZHY<sup>+</sup>13]. **Parametrization** [OBRJ01, LHX<sup>+</sup>22]. **Paramunnidae** [GM22]. **Paramuricea** [DQC14].  
**Paramytha** [QRE<sup>+</sup>17]. **parasite** [TBSP<sup>+</sup>18]. **parasites** [KPBK08, PK08, TBSP<sup>+</sup>18]. **parasitizing** [CBMM15]. **Parasound** [SSHB03]. **parks** [DAN23]. **parsimonious** [HCJ<sup>+</sup>22]. **Part** [Ano96f, CC00, CPM<sup>+</sup>18, ELG<sup>+</sup>22a, HWCT08, LWSA08, LWAS08, LSM<sup>+</sup>06b, MDTS11a, Ala13, Ano96d, ÇYB<sup>+</sup>18, CC13, CHT<sup>+</sup>13, CMB02, FLM10, PRSS23, POA<sup>+</sup>16, SA18, YCYK10, CDP<sup>+</sup>02, CBF01, DIM<sup>+</sup>12, DBC<sup>+</sup>02, FC01, GBH<sup>+</sup>01, GSMB01, GOC09, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, KVB<sup>+</sup>09, LC16, LCS16, LLD<sup>+</sup>17, LPD<sup>+</sup>17, LPA<sup>+</sup>17, LAB<sup>+</sup>17, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MDTS11b, MDI<sup>+</sup>12, MLS<sup>+</sup>06, OGC09, PF04a, PF04b, PTD<sup>+</sup>17, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PCB<sup>+</sup>17, SVR<sup>+</sup>00, SH99a, SH99b, SS05a, SS05b, SA03, SWCB02, SVS<sup>+</sup>20, TBC<sup>+</sup>17, VSR<sup>+</sup>00, VAK<sup>+</sup>09, WSFB02]. **Partial** [KRF01, BCM02, CG07, Dan95, TS13]. **Participatory** [RDSA<sup>+</sup>21]. **Particle** [Ber01, BLC<sup>+</sup>08, DEK<sup>+</sup>08, HFM<sup>+</sup>00, IGP<sup>+</sup>06, Thu98, VMM<sup>+</sup>08, Wal94b, WGR<sup>+</sup>97, ASBM02, ANL13, AAMF<sup>+</sup>02, AMH<sup>+</sup>01, BBB94, BMK<sup>+</sup>13, BAD<sup>+</sup>97, BTS<sup>+</sup>08, CM99a, CAFK03b, CBB<sup>+</sup>00, CRR01, CCH95, DMY<sup>+</sup>97, ETDB11, FS02, GWR93, GNG<sup>+</sup>22, GBP00, GAC<sup>+</sup>02, HMW00, HFM<sup>+</sup>02, HdMR<sup>+</sup>99, HM93, HTM<sup>+</sup>03, HDW<sup>+</sup>20, Jac95a, JLAD95, JB01, KCD<sup>+</sup>96, LOA15, LNJ<sup>+</sup>00, LSdC<sup>+</sup>10, LAC<sup>+</sup>09, LWW<sup>+</sup>15, LKK<sup>+</sup>95, MBNRB08, MDTS08, MDT<sup>+</sup>08, NFD<sup>+</sup>02, NRS14, OPB15, PIP<sup>+</sup>02, PP93, PDC<sup>+</sup>99, PFW<sup>+</sup>09, PAM<sup>+</sup>14, RBN<sup>+</sup>08, SCL<sup>+</sup>04, SBD<sup>+</sup>97, SGM<sup>+</sup>02, SLLT10, TBB<sup>+</sup>08, UIS<sup>+</sup>03, WCRG95, WWC<sup>+</sup>99, XA09, ZGW<sup>+</sup>23, ZDA<sup>+</sup>16, vdLCS<sup>+</sup>11].  
**particle-attached** [LWW<sup>+</sup>15]. **particles** [AHV<sup>+</sup>00, ADGA01, AGP05, BJB<sup>+</sup>06, CB97, CGR<sup>+</sup>96, DD95, FBS94, FBL<sup>+</sup>98, HFD<sup>+</sup>23, HDCM95, KGKS20, Kaw02, KHH<sup>+</sup>17, LBV<sup>+</sup>08, LL95, LPA<sup>+</sup>95, OMY<sup>+</sup>03, OL15, PA95, RCW<sup>+</sup>15, RL97, SSH<sup>+</sup>02, SNIT02, SHR02, SAL95, SCM<sup>+</sup>09, TA01, WSB08, YA03]. **particular** [EMEP18, vFvdBB<sup>+</sup>02].  
**Particulate** [ATD<sup>+</sup>11, BGS98, DSO<sup>+</sup>97, DC96, GOP<sup>+</sup>01, LQF<sup>+</sup>02, LMB<sup>+</sup>98, LPW<sup>+</sup>09, PRMM<sup>+</sup>17, SCM<sup>+</sup>09, TTLP06, YHL<sup>+</sup>12, ABD<sup>+</sup>13, ACH02, ANI09, ASN<sup>+</sup>02, BS03, BHMC05, BBDL98, BA94, BSP00, BAH<sup>+</sup>95, BBA<sup>+</sup>98, BBA<sup>+</sup>01, CHPS00, CTGD08, CMB<sup>+</sup>97, CM99a, CMB99, CCZ<sup>+</sup>21, CCC<sup>+</sup>03, ÇYFB<sup>+</sup>06, ÇYAYT06, CLPL<sup>+</sup>09, Cri95, DURP03, DB05, DJS<sup>+</sup>08, DRR17, DGB<sup>+</sup>98, EAS<sup>+</sup>09, FCG18, FA02, FCP99, GRS00, GRC<sup>+</sup>03, GCN<sup>+</sup>97, GZZC10, HLG<sup>+</sup>21, Hat02a, HK01, HHP<sup>+</sup>96, HAP03, HIN<sup>+</sup>02, HWC07, HD02, IOK03, JDS<sup>+</sup>08, KW03, KR95, KLY<sup>+</sup>15, KHL<sup>+</sup>16, KVB<sup>+</sup>09, LBR<sup>+</sup>11, LGC<sup>+</sup>12, LKH<sup>+</sup>07, LCE<sup>+</sup>23, MPV<sup>+</sup>11, MHA<sup>+</sup>01, MBK97, MTMK<sup>+</sup>13, MGC<sup>+</sup>14, MES97, MLK<sup>+</sup>12, MSTT07, MYN<sup>+</sup>96, NOT<sup>+</sup>09,

PMJW10, Pfa93, PBNF<sup>+</sup>16, PDY20, QB02, RLP<sup>+</sup>98, RRWR08, ROL<sup>+</sup>15, RSB<sup>+</sup>15, RHB<sup>+</sup>95, RMPI<sup>+</sup>17, RBH<sup>+</sup>20, SBD05, SSL98, SZG<sup>+</sup>13, SBN<sup>+</sup>15, SBA<sup>+</sup>20, SP00, SAM96, TRM<sup>+</sup>15, VKGP<sup>+</sup>11]. **particulate** [VvdLS11, VAK<sup>+</sup>09, WBM96, WC02, WCWW99, YOI<sup>+</sup>09, ZCG<sup>+</sup>12, ZWQ<sup>+</sup>19, dMCNC99, vdMLB<sup>+</sup>11]. **particulates** [BSB<sup>+</sup>99]. **partition** [BSR<sup>+</sup>18]. **Partitioning** [FCW<sup>+</sup>15, HAD19, CAGL13, CDRB16, LZM<sup>+</sup>13, MDTS11b, TR02, Pap05a]. **partly** [HAC<sup>+</sup>14]. **Parvaplustridae** [CSE<sup>+</sup>22]. **Parvaplustrum** [CSE<sup>+</sup>22]. **Pass** [SRN02]. **Passage** [LRR<sup>+</sup>04, MBS<sup>+</sup>13, PZT<sup>+</sup>19, SWO10, NMW<sup>+</sup>09, PP20, SSB<sup>+</sup>06, WBI<sup>+</sup>01, BPRS11, BCH<sup>+</sup>19, ECD<sup>+</sup>17, FGH<sup>+</sup>13a, FGH<sup>+</sup>13b, GARVK04, HMS<sup>+</sup>13, HSH<sup>+</sup>13, JCM<sup>+</sup>13, MRB<sup>+</sup>14, MLS<sup>+</sup>15, PRB<sup>+</sup>11, RPS<sup>+</sup>11, SAM<sup>+</sup>13, SGP<sup>+</sup>11, VPK<sup>+</sup>19, VvdLS11, ZZM<sup>+</sup>13]. **passages** [SPH<sup>+</sup>03]. **Passive** [DME<sup>+</sup>18, HS93, MGJ<sup>+</sup>18, SO98, ŠH11b]. **Past** [LAGK<sup>+</sup>18, AKK<sup>+</sup>14, CAFK03a, FC15, GNT<sup>+</sup>17, HTTS12, HTK<sup>+</sup>10, LLH<sup>+</sup>15, PS05, RBB<sup>+</sup>97, SIA<sup>+</sup>05, Sig17]. **Pasternak** [BPKJ15]. **Patagonia** [PRP15, FSCC07]. **patagonica** [SGB14]. **Patch** [LCS<sup>+</sup>06, LML<sup>+</sup>01, SLW98, TWN<sup>+</sup>06, TNS<sup>+</sup>09]. **Patchiness** [LEP14, GWP<sup>+</sup>98a, RPB02, WT14]. **patchy** [LW04, NSBL94]. **Path** [BRL<sup>+</sup>03, BSX<sup>+</sup>15, CRMI18]. **pathway** [MC12]. **Pathways** [GF07, SP19b, CRP<sup>+</sup>05, DCA09, DFD<sup>+</sup>11, DMW<sup>+</sup>07, GLBB11, GHÖ<sup>+</sup>13, HRT14, HCG19, HPK<sup>+</sup>97, Jen03, LGB13, MSF<sup>+</sup>22, MMTT<sup>+</sup>20, MD14, Men23, MTWH04, PJC19, PHDK11, SM23, TP99, WWHT20, vBBR<sup>+</sup>08]. **Patinigera** [GWDP11]. **pattern** [DN97, HV98, MLW<sup>+</sup>01, MSM<sup>+</sup>02, RMCAR06, XSM<sup>+</sup>19]. **Patterns** [Bak98, BL99, BHSJ16, CDRA08, CRI18, GDAMS19, HEV<sup>+</sup>10, HNCW23, HSSN08, MDH16, MSK<sup>+</sup>19, PCT18, RMD<sup>+</sup>12, RS15, RQM<sup>+</sup>08, SVJ<sup>+</sup>08, VLK06, AM24, AGS<sup>+</sup>02, AST07, AKM<sup>+</sup>05, ACR<sup>+</sup>20, BPD<sup>+</sup>11, BLM13, BB09, BMK05, BMH08, BFA<sup>+</sup>08, BFT10, BE18, BSN18, BMB<sup>+</sup>18, BDG<sup>+</sup>04, BE09, BSW<sup>+</sup>13, CSZ<sup>+</sup>25, CBBM12, Car10, CD09, CLC<sup>+</sup>20, CSF<sup>+</sup>12, CG18, CL09, CWE<sup>+</sup>17, DCC<sup>+</sup>13, DLR11, DB97a, Die07, DAN23, EFW<sup>+</sup>14, ESDM13, FEB<sup>+</sup>13, FCBD08, FHT<sup>+</sup>14, FCP99, GMR<sup>+</sup>09, GRS00, GGTMG<sup>+</sup>10, GQ09, GMC97, GFPM02, HWM02, HCWW01, HdMR<sup>+</sup>99, HC05, HKP10, HZ19, HNRGL06, HCG<sup>+</sup>03, HPM02, IGN<sup>+</sup>10, JHHK14, KOM17, KFG<sup>+</sup>03, LBC<sup>+</sup>98, LAMS<sup>+</sup>01, LN05, LL14, LPL<sup>+</sup>20, MKKB14, MC05, MPH<sup>+</sup>05, MKRY01, MO96, MBB<sup>+</sup>14, MCD<sup>+</sup>09, MWW<sup>+</sup>05, MDGF01, MBC<sup>+</sup>09b, NLHB01, NKA<sup>+</sup>11, OHK<sup>+</sup>02, OB22b, OBA02, Pal04, PWD<sup>+</sup>11, PHE<sup>+</sup>18, PCY<sup>+</sup>13]. **patterns** [PMGH01, PB08, PC98, PCAS05, PZP93, PTWM12, RTFB09, RH14, RE98, RJDR06, SMV<sup>+</sup>03, SMZ<sup>+</sup>08, SBM16, SLdB<sup>+</sup>15, SWL<sup>+</sup>18, SE07, SFV<sup>+</sup>98, SBSH99, SW01, SBP13, SZV<sup>+</sup>19, STD<sup>+</sup>20, SDKH03, SCD<sup>+</sup>22, SMS20, SN00, SMLS02, TLSW15, TS03, TT17, Wat09, WGG98, WPFB11, WPB11, Yal01]. **Paul** [FBB<sup>+</sup>13, Row13]. **Paulo** [GNT<sup>+</sup>17, MAR<sup>+</sup>17, NMN<sup>+</sup>17]. **Paz** [ONSSVGR04, SVJRSON04]. **Pb** [STWW01, AFB<sup>+</sup>94, BBB94, CMG<sup>+</sup>12, CCZ<sup>+</sup>21, CCC<sup>+</sup>03, GNT<sup>+</sup>17, HBCC13, LMS09, MLG<sup>+</sup>04, NOT<sup>+</sup>09,



NESB<sup>+15</sup>, NZT97, OHT12, RH99, RSB<sup>+15</sup>, SKC99, SSL98, SRF95,  
 VMM<sup>+08</sup>, VMGO<sup>+09</sup>, WCL<sup>+15a</sup>, YA03, YCT<sup>+22</sup>, ZGW<sup>+23</sup>]. **PCBs**  
 [GSK96, HKY<sup>+13</sup>, TRF<sup>+97</sup>]. **pCO**  
 [CSW<sup>+18</sup>, DCF<sup>+11</sup>, ITMG18, MLS<sup>+15</sup>, RWL<sup>+93</sup>, TSW<sup>+09</sup>, TLP<sup>+12</sup>]. **PCR**  
 [EPK<sup>+10</sup>, GDD<sup>+09</sup>, PBG<sup>+10</sup>]. **PCR-based** [GDD<sup>+09</sup>, PBG<sup>+10</sup>]. **peaks**  
 [MSF<sup>+22</sup>]. **Peanut** [MA13]. **Pearce** [Ano19]. **Pearl**  
 [MWS<sup>+15</sup>, KSDE16, LG15, YZZ<sup>+19</sup>, ZZY<sup>+19</sup>, ZG15]. **Pearlsides** [RBS17a].  
**Peck** [BJF16]. **pectinid** [BCVCHW04]. **Pectinidae** [SGB14].  
**Pedinophyceae** [TB98]. **Pedro** [MML06]. **Pelagic**  
 [DT08, HLA<sup>+06</sup>, JLY<sup>+16</sup>, JWC<sup>+01</sup>, MPJ<sup>+13</sup>, OTH05, RMC<sup>+08</sup>, RAB<sup>+17</sup>,  
 Rog17, SWGPK17, TRH<sup>+08</sup>, ADRS19, AGD96, BDBB07, BMK05, BSRB17,  
 BSB<sup>+99</sup>, BEB11, BW14, BHC<sup>+17</sup>, CHG20, CA06b, CBS<sup>+01</sup>, CMC11,  
 CSGV13, CSG<sup>+13</sup>, CDT11, DTWF17, DLWW23, DM16b, DLB02, DB02,  
 DBBWH20, DGS<sup>+05</sup>, GHM02, HIK<sup>+08</sup>, HSM<sup>+01a</sup>, HKAM12, HYMD11,  
 HBC<sup>+15</sup>, HCWH00, HBC<sup>+12</sup>, HSW<sup>+02</sup>, HAM<sup>+15</sup>, HA96, JYM<sup>+15</sup>,  
 JRGLJ<sup>+19</sup>, KTP<sup>+20a</sup>, KTP<sup>+20b</sup>, LTF<sup>+19</sup>, LO03, LDG<sup>+23</sup>, LWB<sup>+20</sup>,  
 LCT<sup>+07b</sup>, LL13, LTS<sup>+13</sup>, LFKF<sup>+17</sup>, LV17, MCL<sup>+19</sup>, MKKB14, MHO02,  
 MWT<sup>+17</sup>, MR08, NSLAP<sup>+17</sup>, NKB<sup>+18</sup>, ÑB04, OYK15, PLS<sup>+10</sup>, PDH<sup>+11</sup>,  
 PH17, PGFP<sup>+08</sup>, Phi17, PUB<sup>+06</sup>, PBMM14, RMA<sup>+20</sup>, RT20, RAL04,  
 RHPR15, Rod13, SVB<sup>+19</sup>, SVR<sup>+00</sup>, SMD06, SHM<sup>+01</sup>, SPH<sup>+08</sup>, SWMB10,  
 SLB13b, TSW<sup>+12</sup>, TPW<sup>+16</sup>, TVL<sup>+00</sup>, TLP<sup>+19</sup>, VJP<sup>+10</sup>, VRL<sup>+02</sup>, VS99,  
 VSR<sup>+00</sup>, WNHF<sup>+15</sup>, WZB<sup>+14</sup>, YCA<sup>+20</sup>]. **pelagic** [YOR13]. **pelagica**  
 [HPN<sup>+12</sup>]. **pelagicus** [TTA<sup>+16</sup>]. **pelago** [CB18]. **pelago-benthic** [CB18].  
**pelagobenthic** [CCBL14]. **Pelagos** [LPA<sup>+17</sup>, PMF<sup>+17</sup>]. **PELAGRA**  
 [SLS<sup>+07</sup>]. **pelamis** [AKK<sup>+17</sup>]. **pellet** [GS08, WSB08]. **pellets**  
 [ASF<sup>+12</sup>, DURP03, IPH<sup>+17</sup>, LSUB94, TGG<sup>+09</sup>]. **pellicle** [BFG<sup>+10</sup>].  
**Penetrating** [HLZY10, YLH<sup>+10</sup>]. **Penetration** [PPRHLLF02, YFL<sup>+23</sup>].  
**Penghu** [JC03]. **penguin** [CHPF10, CWEHT22, NCR<sup>+08</sup>, WLR<sup>+00</sup>].  
**penguins** [BHB<sup>+07</sup>, CWEHT22, ERPF11, FHvFM08, PCL22, RCKCK07].  
**Peninsula** [ECM<sup>+06</sup>, KHB<sup>+04</sup>, LPAR24, MBOvL08, RVZ02, VFS02,  
 WAL<sup>+11</sup>, AMJRD19, SSP14, AE02, AAMF<sup>+02</sup>, AHV<sup>+17</sup>, ARW<sup>+04</sup>,  
 ADG<sup>+08</sup>, BLBW<sup>+11</sup>, BLO04, BPM18, Bol08, BSR<sup>+18</sup>, BLO<sup>+17</sup>, BFF<sup>+10</sup>,  
 BMG<sup>+17</sup>, BBB13, BCF<sup>+04</sup>, CAMA<sup>+02</sup>, CHM<sup>+17</sup>, CKY23a, CKY23b,  
 CWFP94, CKH<sup>+08</sup>, DSB<sup>+18</sup>, Dal04, DK04, DKS11, DT08, DZ08, DFK<sup>+06</sup>,  
 Duc08, DEK<sup>+08</sup>, ERPF11, ECD<sup>+17</sup>, ECS<sup>+17</sup>, FCG18, FA02, FJF<sup>+11</sup>,  
 GHM18, GP08, GSM<sup>+08</sup>, GWDP11, HBT<sup>+08</sup>, HTA<sup>+17</sup>, HWCT08, HHP04,  
 HBO11, ITMG18, JBS<sup>+13</sup>, JCM<sup>+13</sup>, JFM<sup>+17</sup>, KOLA<sup>+18</sup>, KGdC<sup>+18</sup>,  
 KMMS18, LWA<sup>+04</sup>, LWSA08, LWS08, LBM<sup>+17</sup>, LAGK<sup>+18</sup>, MDH08,  
 MDTS11a, MDTS11b, MSI<sup>+08</sup>, MTK<sup>+18</sup>, MBW<sup>+08</sup>, MSV<sup>+17</sup>, MSvL17,  
 MSJS08, MHVM<sup>+08</sup>, MdSLH13, PDT11a, PG18, PHDK11, PHS<sup>+17b</sup>,  
 RQNO04, RQM<sup>+08</sup>, SSWM18, SBM<sup>+18</sup>, SPEPS18, ŠHW<sup>+04</sup>, ŠH11b, SK02,  
 SMS<sup>+08</sup>, SMD08, SMSI08, SBS<sup>+08</sup>, TCM<sup>+04</sup>, VGBGPA02, VMB17].  
**Peninsula**  
 [VMI<sup>+08</sup>, WMB<sup>+08</sup>, YKY<sup>+07</sup>, dCHdOF<sup>+18</sup>, vWMR<sup>+17</sup>, vGFGS02]. **pens**

[BBLE24]. **peptides** [PRC<sup>+</sup>09]. **peracarid** [AFC<sup>+</sup>17, GBPB<sup>+</sup>13, WPB11]. **Peracarida** [BPBJ13, BCB07, MS11, RHW04, BSCE15, LMS15]. **Peragallo** [FHR<sup>+</sup>14]. **perch** [CM16a, CM16b, SCH<sup>+</sup>19b]. **perennially** [KSM<sup>+</sup>11]. **perform** [KKH<sup>+</sup>02]. **performance** [GGAMV<sup>+</sup>23, NCR<sup>+</sup>08, WJR<sup>+</sup>16, WPAP01]. **period** [BZMC20, CSS<sup>+</sup>22a, DC06, GGRJD<sup>+</sup>10, JDL<sup>+</sup>12, PPZ93, RSR05, RDBP14, RP18, SRC98, WO99, WJR<sup>+</sup>16, Wei99]. **periodic** [KJB<sup>+</sup>08]. **periodicity** [TLKT00]. **periods** [BSM01a, Dri09, GBI10, ITMG18, RSF<sup>+</sup>99, vdLBB<sup>+</sup>02]. **peripheral** [SCD<sup>+</sup>22]. **periphery** [LPJ<sup>+</sup>19]. **Peritrich** [KBR18]. **permeable** [RTFB09]. **Permian** [PPR07]. **permitting** [RLH<sup>+</sup>03]. **Pérouse** [MAN<sup>+</sup>20]. **peroxide** [WWcW<sup>+</sup>15, YS01]. **Persian** [PSAY20, MMS25, SE24]. **Persian/Arabian** [SE24]. **Persistence** [BGS09, GS06a, WTCB09, GPMS<sup>+</sup>16, OS02, PLGCL09]. **persistent** [Bre93, LMH<sup>+</sup>18, dJMTGG11, SBHS20, SKR<sup>+</sup>12, WBA03, YNG<sup>+</sup>16, YSC<sup>+</sup>20]. **persists** [MASVB<sup>+</sup>19]. **personatus** [SLLT10]. **Perspective** [SL15a, AM07, BPRS11, BLG11, BSR08, Car07, CNM17, HXF<sup>+</sup>23, Har96, HMA20, Jam18, JBC<sup>+</sup>21, KPPL00, LK11, LSWM22, MA09, PBFS06, RAF<sup>+</sup>11, VAT23]. **Perspectives** [ETDB11, HZWW16, ASBR17, Bak98, LTF<sup>+</sup>19, PH19, Phi17, SMS108, XGF18]. **perturbations** [SZH20, SL15b, ZMYS13]. **pertusa** [AHVB<sup>+</sup>17, BRB<sup>+</sup>13, BR14, HWK<sup>+</sup>14, JBJ17, LPPCF10, NOFP14]. **pertusum** [WHC24]. **Peru** [AGAB19, Bor01, DVCG<sup>+</sup>12, DOLP<sup>+</sup>09, FKW01, GBO01, HKR<sup>+</sup>01, HMW00, KHL<sup>+</sup>01, Kos01, KFW01, LKTS01, LAMLB18, MvSHD01, MLG<sup>+</sup>04, SM01, STWW01, TMGLM19]. **Peruvian** [MGGMT19, ÑB04]. **pesticides** [GSK96]. **Pete** [Ano18]. **Peter** [DCBS98, Lut15, SL15a]. **Petrogenesis** [SWB<sup>+</sup>18]. **petroleum** [BMB<sup>+</sup>18, LLG<sup>+</sup>16, TZ09]. **pH** [BBL<sup>+</sup>13, BTR95, CSW<sup>+</sup>18, CFT<sup>+</sup>04, CBB<sup>+</sup>95, GGCM17, MLBT25, TCH<sup>+</sup>16, WHC24]. **Phaeocystis** [PMS<sup>+</sup>07, SDMC03, SLT<sup>+</sup>14]. **Phaeodaria** [PPC<sup>+</sup>07]. **Phase** [Ano06d, CL15, LWS21, SF10, SMP<sup>+</sup>15, WH98]. **phase-locking** [LWS21]. **Phased** [FVSRR14]. **phases** [FCW<sup>+</sup>15, NED09, STN<sup>+</sup>06]. **Phenology** [SAB08, DSC<sup>+</sup>19, NHCL14]. **phenomena** [BAC<sup>+</sup>02, BVGE<sup>+</sup>06]. **phenotype** [RHL<sup>+</sup>16]. **phenotypic** [Vri09]. **Philippine** [ODH<sup>+</sup>07, WPD22, YXZ<sup>+</sup>22]. **Philippines** [BRCFP23]. **phocid** [BZMC20]. **Phoebastria** [PWB<sup>+</sup>06]. **phosphatase** [KN97]. **phosphate** [DVS<sup>+</sup>97, FSK<sup>+</sup>05, GRSW00, LAW<sup>+</sup>05, PZK<sup>+</sup>05, RLD<sup>+</sup>15, Thi05]. **phosphate-addition** [FSK<sup>+</sup>05]. **phosphatic** [FSCC07]. **Phosphogenetic** [FSCC07]. **phospholipid** [EPPR09]. **phospholipid-derived** [EPPR09]. **Phosphoria** [PPR07]. **phosphorite** [WC07a]. **phosphorus** [BN05, DSD12, DJR<sup>+</sup>01, KBD<sup>+</sup>01, KWH<sup>+</sup>05, LGC<sup>+</sup>12, PBNF<sup>+</sup>16, RJWD01, WR15, YOI<sup>+</sup>09]. **photic** [SBA<sup>+</sup>20]. **photo** [Ano01b, LCT<sup>+</sup>07b]. **photo-adaptation** [LCT<sup>+</sup>07b]. **photoacclimation** [Arm06]. **Photoadaptation** [FM99]. **photoautotrophic** [YÇYTKB06]. **photochemistry** [BML<sup>+</sup>06, Hat02b]. **photodegradation** [CMC<sup>+</sup>02]. **photographic** [JLAD95, SBG<sup>+</sup>03]. **Photoidea** [BVL04]. **photophysiology**

[DSB<sup>+</sup>18, MSH<sup>+</sup>07]. **photoproduction** [SUL<sup>+</sup>06]. **photoreduction** [ÖCB<sup>+</sup>04]. **Photosynthesis** [LAF<sup>+</sup>02, SFB16, TLR<sup>+</sup>00, Arm06, ER05, KKH<sup>+</sup>02, LBB95, SFR<sup>+</sup>06]. **Photosynthesis-irradiance** [TLR<sup>+</sup>00]. **Photosynthetic** [BGWF08, Pee97, SMM<sup>+</sup>06, AHGCNM<sup>+</sup>04, BA01, CAGL13, GdRGH<sup>+</sup>14, KFK06, LLB<sup>+</sup>00, LDWK96, SHH03, SSI<sup>+</sup>09, VSGM03a, VSGM03b]. **photosynthetically** [DNA97]. **phototaxis** [YLU<sup>+</sup>14]. **phototaxis-induced** [YLU<sup>+</sup>14]. **phototrophic** [DMC<sup>+</sup>01]. **Phototrophs** [TŠŠ<sup>+</sup>19]. **Phycoerythrin** [CP03, SW01, WLC99]. **Phycoerythrin-containing** [CP03, SW01, WLC99]. **Phyllocarida** [HRS<sup>+</sup>23]. **Phyllodocida** [RRT<sup>+</sup>17, SRAL<sup>+</sup>17]. **Phylogenetic** [RDV<sup>+</sup>09, BCNS15, CNM17, FB14, MCLP04, QED<sup>+</sup>14, STB<sup>+</sup>17]. **phylogeny** [BV04, CRT<sup>+</sup>00, HSS<sup>+</sup>18, MCLP04, VPdP06]. **Phylogeography** [GWD011, KMA<sup>+</sup>18, UFAK06]. **phylum** [MA13]. **physalus** [BRG17, ESWL20]. **Physical** [AST<sup>+</sup>05, ASB<sup>+</sup>02, ARF<sup>+</sup>13, BB09, BH15, BND<sup>+</sup>04, CCG04, CBSS02, DS21, DSN<sup>+</sup>10, DZY<sup>+</sup>01, DNK<sup>+</sup>08, DLF<sup>+</sup>09b, ELB<sup>+</sup>02, ERR97, EAF<sup>+</sup>17, HPL<sup>+</sup>12, HMAW11, HLHW24, HMA20, HCG<sup>+</sup>01, JCP17, JD08, KRG<sup>+</sup>01, KND<sup>+</sup>08, MDB98, MLG<sup>+</sup>02, NKD<sup>+</sup>08, PPF<sup>+</sup>15, PLR02, PGK14, RPB02, RD16, RJGBF02, SMZ<sup>+</sup>08, SSG14, SLW98, TNS<sup>+</sup>09, TCH<sup>+</sup>16, VPP07, VPS97, WCMB06, WRZ<sup>+</sup>19, WCH05, WB96, ANS<sup>+</sup>11, AM02, BSG<sup>+</sup>11, BH14, BKP<sup>+</sup>20, BDL<sup>+</sup>22, BL99, BLSW05, BNM08, BvWR<sup>+</sup>20, Blu01, BCW03, BT98, CRF04, CBF01, CM03, CPC<sup>+</sup>03, Dan95, DPK<sup>+</sup>14, DP99, Dia04, DMS<sup>+</sup>98, DGN96, DLL<sup>+</sup>15, DGR19, Eck94, ESA<sup>+</sup>09, ECD<sup>+</sup>17, FDP<sup>+</sup>14, FC01, FHW06, Gre01, HNW<sup>+</sup>08, HV98, HLC<sup>+</sup>16, HKMS03, HBM<sup>+</sup>07, HPM02, HAD19, IBB<sup>+</sup>02, JCD<sup>+</sup>03, Joh19, KSBK01, LWLS98, LDG94, LL14, LCL<sup>+</sup>10, MPH<sup>+</sup>95, MGR<sup>+</sup>03a, MSI<sup>+</sup>08, MALT05, MGH<sup>+</sup>16]. **physical** [MKS<sup>+</sup>20, MAB<sup>+</sup>01, MSS15, MMC11a, MFE<sup>+</sup>02, PWTH15, PA25, PVK<sup>+</sup>20, PMJ20, PRA<sup>+</sup>95, RP17, RTM<sup>+</sup>20, RGS<sup>+</sup>15, SM00, SRC98, SBK08, SKGD14, SKSW02, SKM<sup>+</sup>08, SMSA05, SLP<sup>+</sup>17, TSWJ12, TLMT97, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, WW99, WCH<sup>+</sup>93, WGR<sup>+</sup>95, WPJW96, WBBM01, WMC06, WAW05b, ZWK<sup>+</sup>15, ZXH<sup>+</sup>13, ZTZ09, Zim19, dCHdOF<sup>+</sup>18]. **physical-biogeochemical** [LCL<sup>+</sup>10]. **Physical-biological** [WB96, Eck94, TLMT97]. **Physical-chemical** [HMA20]. **physical/biogeochemical/radiative** [Gre01]. **Physically** [Bor01, Thi98, VT01]. **Physico** [MNG<sup>+</sup>11, GCR<sup>+</sup>02]. **physico-chemical** [GCR<sup>+</sup>02]. **Physico-ecobiogeochemistry** [MNG<sup>+</sup>11]. **Physics** [McP08, SBB<sup>+</sup>19, FdBGP11, Hin09, MAR<sup>+</sup>15, SS02, SFK<sup>+</sup>12, SBvdL<sup>+</sup>02, TBB<sup>+</sup>14]. **physiological** [CKL03, NOFP14, Pon07, ROC<sup>+</sup>21, VSD<sup>+</sup>97]. **physiology** [ELP13, SSI<sup>+</sup>09]. **phytobenthic** [CB97]. **Phytodetritus** [BS98, SHD<sup>+</sup>96, GRD<sup>+</sup>08, PSK00a, SMD08]. **Phytopigments** [FBBW<sup>+</sup>10, SWBKK10]. **Phytoplankton** [ADS<sup>+</sup>02, AHGCNM<sup>+</sup>04, APB<sup>+</sup>09, APP<sup>+</sup>14, BH99b, CD99, CVF11, CBS<sup>+</sup>96, CWTJ03, DOC01, FMO02, FHYI03, GBH<sup>+</sup>01, GSMB01, GCI<sup>+</sup>01,

GGSC03, HWTP07, HMMH<sup>+</sup>02, HHX<sup>+</sup>10, KLM<sup>+</sup>02, KNN<sup>+</sup>06, LST<sup>+</sup>11, LS14a, LWDH06, LJL<sup>+</sup>12, LBB95, LB98b, MPG<sup>+</sup>97, MBHN02, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MAB<sup>+</sup>01, MAT<sup>+</sup>12, MNV<sup>+</sup>20, MSH<sup>+</sup>07, MMMC07, NGS<sup>+</sup>15, NCE<sup>+</sup>23, OS02, PA25, PHH<sup>+</sup>06, PMS<sup>+</sup>07, PZK<sup>+</sup>05, RLVF02, RVZ02, SRHP23, SMB<sup>+</sup>13, SHGB95, SLMP07, SAM<sup>+</sup>13, SWDB<sup>+</sup>14, SBC17, SFP<sup>+</sup>09, TBEW99, VSGM03a, VSGM03b, VPA<sup>+</sup>20, WCC05, WT14, WvdE00, WvdEP<sup>+</sup>10, ARNB01, AHML95, AMvD<sup>+</sup>12, Arm03, ALvD12, ALR<sup>+</sup>14, BPD<sup>+</sup>11, BE00, BMGF93, BMCF97, BMC99, BLM<sup>+</sup>14, BSK<sup>+</sup>97, BS01, BO96, BCDV02, BA01, BHHM<sup>+</sup>12, BM07, BLC<sup>+</sup>02, BTUV08, BES95, BOP95, CTBNL08, CGM<sup>+</sup>07, CSW<sup>+</sup>17, CLSS15, CKJ<sup>+</sup>16, CMBPM04, CBC02, DSB<sup>+</sup>18, DD95, DDN<sup>+</sup>04, DRD06, DEL<sup>+</sup>17]. **phytoplankton** [DCA09, DNR20, DPS<sup>+</sup>11, DJR<sup>+</sup>01, DLL<sup>+</sup>15, DPY14, DKI<sup>+</sup>00, DB97b, DO96, DFMG01, ESK06, EGL<sup>+</sup>16, FAS<sup>+</sup>03a, FAS<sup>+</sup>03b, FSP<sup>+</sup>16, FCG<sup>+</sup>96, FJG<sup>+</sup>00, FWS94, FPB04, GAL<sup>+</sup>12, GAL<sup>+</sup>20, GTTKB14, GSB<sup>+</sup>23, GVW<sup>+</sup>19, GdRGH<sup>+</sup>14, GOGCDB18, GLW<sup>+</sup>97, HTD00, HOD<sup>+</sup>09, HVWH09, HTS<sup>+</sup>09, HDD<sup>+</sup>11, HS07, HLFP08, HCS05, HALV18, HPY<sup>+</sup>15, HK08, HWS<sup>+</sup>98b, HHNK<sup>+</sup>04, HKO<sup>+</sup>17, HXC<sup>+</sup>22, HKY<sup>+</sup>16, IF95, JMN<sup>+</sup>15, JS14, JCF<sup>+</sup>06b, JLR<sup>+</sup>13, JKP<sup>+</sup>17, JZ93, JPZ93, JCPC09, JLJ<sup>+</sup>12, JSP<sup>+</sup>17, KF95, KJL<sup>+</sup>17, KKH<sup>+</sup>02, KAHS20, KYI10a, KYI10b, KLJ<sup>+</sup>16, KMDW01, KHC<sup>+</sup>09, KUN10, KIN<sup>+</sup>10, KMO<sup>+</sup>10, KWW04, KDG<sup>+</sup>97, KD00, KHL<sup>+</sup>17, LBMvdB14, LBC<sup>+</sup>98, LSB<sup>+</sup>02, LBR<sup>+</sup>08, LB98a, LSS<sup>+</sup>11, LPJ<sup>+</sup>16, LJL<sup>+</sup>17, LMG93, LDHI93, LL95, LWSZ13, LYN<sup>+</sup>13, LKL<sup>+</sup>13, LLH<sup>+</sup>15, LHZJ13, LL14, LCT<sup>+</sup>07b, LXS<sup>+</sup>13, LZZ<sup>+</sup>16, LBGW97, LAF<sup>+</sup>02, LLM<sup>+</sup>02, LLM<sup>+</sup>03, LvDA14, LPM<sup>+</sup>15, LG15, LSS<sup>+</sup>07, LPPK14, MBHP99, MCPA02, MC02, MLG<sup>+</sup>02].

**phytoplankton** [MKT<sup>+</sup>15, MTK<sup>+</sup>18, MNSMN<sup>+</sup>04, MBL<sup>+</sup>15, MSS<sup>+</sup>02, MNPT06, MMT08, MHVM<sup>+</sup>08, MBDB<sup>+</sup>24, MSTT07, MKS<sup>+</sup>02, NGS<sup>+</sup>20, NKF<sup>+</sup>10, NMK<sup>+</sup>20, NR06, NL11, NRS14, NSvH<sup>+</sup>11, NKB95, OCL<sup>+</sup>08, OHK<sup>+</sup>02, OE06, OSCS00, ORFA<sup>+</sup>14, OS04, ÖCB<sup>+</sup>04, PSA14, PWD<sup>+</sup>11, PLT<sup>+</sup>13, PKW07, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, Pee97, PHS<sup>+</sup>11a, PHS<sup>+</sup>11b, PHD<sup>+</sup>11, PVRA07, PW12, PABH07, RJM<sup>+</sup>15, RMCAR06, RBN<sup>+</sup>08, RHB<sup>+</sup>95, RJGBF02, RFLW00, RMK<sup>+</sup>14, STN<sup>+</sup>06, SLS<sup>+</sup>07, SMZ<sup>+</sup>08, SVC<sup>+</sup>08, SSI<sup>+</sup>99, SVD97, SAVP12, SRY04, SBQ<sup>+</sup>02, SLT<sup>+</sup>11, SOS01, SYS05, SSW05, SSE<sup>+</sup>14, SMHB00, SKK<sup>+</sup>16, SGM<sup>+</sup>14, SGM<sup>+</sup>02, SF08, SFB16, SP06, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, SSI<sup>+</sup>09, Sva96, THZ06, TS93, TPW07, TBW<sup>+</sup>11, TAL<sup>+</sup>12, TC06, TVLB08, TT01, URDP01, VH99, VFS02, VKGP<sup>+</sup>11, VPP07, VSC<sup>+</sup>11, WHF<sup>+</sup>19, WW04a, WGR<sup>+</sup>95, WJD<sup>+</sup>00a, WJD<sup>+</sup>00b, WDKC00, WLD<sup>+</sup>06, Wir94, WM99, WC06b, WW04b].

**phytoplankton** [Wya14, YOK<sup>+</sup>10, YOO<sup>+</sup>10, YHK15, YOI<sup>+</sup>09, YLK<sup>+</sup>15, YKJ<sup>+</sup>15, ZHD<sup>+</sup>08, ZOB<sup>+</sup>96, ZPT<sup>+</sup>13, ZAC<sup>+</sup>15, ZXH<sup>+</sup>13, ZHK<sup>+</sup>05].

**phytoplankton-derived** [BS01, SP06]. **Phytoplanktonic** [ME02, SLS<sup>+</sup>10, SWBKK10]. **Pico** [SF10, CAGL13, DB97a, DO96, STF09]. **Pico-** [SF10, CAGL13, DB97a, DO96, STF09]. **picocyanobacteria** [SW01]. **picoeukaryotic** [DHGO23, THZ06]. **Picophytoplankton** [BLB<sup>+</sup>99, BCO<sup>+</sup>96, HZL<sup>+</sup>12, LH01, LIS<sup>+</sup>02, PvRR18, WDG<sup>+</sup>02].

**Picoplankton** [RNR20, CP03, HCL<sup>+</sup>22, LKC96, LCT<sup>+</sup>07a, LLS<sup>+</sup>19, MGS<sup>+</sup>10, ZJH08, ZZX<sup>+</sup>13, ZZZ<sup>+</sup>16]. **picture** [MCH<sup>+</sup>13, SSUB15]. **Picturing** [HSZS17]. **Pigment** [BMGF93, BMCF97, HH93, MTBB00, SMS<sup>+</sup>08, ABKL96, BE00, BO96, ESK06, FHYI03, GCI<sup>+</sup>01, GdRGH<sup>+</sup>14, HTS<sup>+</sup>09, HPY<sup>+</sup>15, HS93, MAB<sup>+</sup>01, MAT<sup>+</sup>12, OE06, Pee97, RD97, RVZ02, SWDB<sup>+</sup>14, WDG<sup>+</sup>02, WvdE00, WvdEP<sup>+</sup>10, YOO<sup>+</sup>10, dBC<sup>+</sup>09]. **Pigmented** [LLS<sup>+</sup>19]. **pigments** [ALWW04, APB<sup>+</sup>09, BMC99, CCBL14, DPS<sup>+</sup>11, DNA97, LB98a, MCPA02, MKT<sup>+</sup>15, MR08, PA25, PLGCL09, PHH<sup>+</sup>06, RGHN<sup>+</sup>97, SMLS02, WC06b, WC09, WW04b]. **Piip** [BEZ<sup>+</sup>22, CSE<sup>+</sup>22, HRS<sup>+</sup>23, MG22, MFS<sup>+</sup>23, RKM<sup>+</sup>23b, SKS<sup>+</sup>23]. **pillars** [AHVB<sup>+</sup>17]. **pilot** [MMG98, TAB<sup>+</sup>16]. **Pine** [MAT<sup>+</sup>12, TAL<sup>+</sup>12]. **Pink** [FMC<sup>+</sup>20, ABC<sup>+</sup>05, CBA<sup>+</sup>05, MBC<sup>+</sup>09b, SMLB19, WBA<sup>+</sup>17]. **pinniped** [KRW03]. **pinnipeds** [CRF04, LWB<sup>+</sup>07]. **Pisces** [LCVV06, TTD13]. **Piscicolidae** [UC13]. **piscivores** [WTT<sup>+</sup>20]. **piscivorous** [BFSK08, BSR08, BSRM08, LTL<sup>+</sup>23, RMD<sup>+</sup>12, SBA18]. **piscivory** [GBP21]. **pitfalls** [BKST13]. **piúna** [KFS<sup>+</sup>17]. **place** [AAB<sup>+</sup>97, RDSA<sup>+</sup>21]. **place-based** [RDSA<sup>+</sup>21]. **Placopecten** [DVC14, TLW<sup>+</sup>94]. **plaice** [DKP<sup>+</sup>14]. **Plain** [GMBL10, KBG<sup>+</sup>10, LBM10, SWBKK10, Ala15, BPPJ15, BSCE15, CAK15, DJ15, EBGCL08, Gol15, GC15, Kam15, KWPB15, MA15, MMWM00, SA18, SC15, HLL<sup>+</sup>10, MLP<sup>+</sup>10, MZH<sup>+</sup>10, PLS<sup>+</sup>10, SRDV07]. **plains** [SA15b]. **plane** [Abr19]. **planed** [WCK<sup>+</sup>18]. **planipes** [RAL04]. **Planktic** [SBL<sup>+</sup>07, BCWT00, BS21, CB00b, MHG<sup>+</sup>04, SH00, SWZA02, WMW96]. **planktivores** [WTT<sup>+</sup>20]. **planktivorous** [BFSK08, OM98]. **Plankton** [AMV<sup>+</sup>09, ADG<sup>+</sup>08, BDW<sup>+</sup>96, BWS<sup>+</sup>98, BL06, BLS<sup>+</sup>08, FSK<sup>+</sup>02, GS06b, LTW<sup>+</sup>22, LDFS93, MPH<sup>+</sup>95, NMWH19, PGS14, PBD<sup>+</sup>02, RIBW99, RWZ<sup>+</sup>02, SVS93, ZSZ<sup>+</sup>19, Ano97b, Arm03, ADGA01, AGP05, AMTE09, BLSW05, BC05, BOHW22, BKY<sup>+</sup>17, CAGL13, CMV<sup>+</sup>20, CD20, DGMS96, DPS<sup>+</sup>14, DSN<sup>+</sup>20, EB01, FPHH<sup>+</sup>09, FSG02, FG97, FC09, GDE<sup>+</sup>96, GOD<sup>+</sup>01, GSW<sup>+</sup>09, HAH<sup>+</sup>01, HWCT08, HNCW23, IGN<sup>+</sup>10, IHI<sup>+</sup>97, JCF<sup>+</sup>06a, JWS01, KBL01, KM98, LLR<sup>+</sup>06, LCD01, LW04, MY99, MP99, MBd05, OC00, PP93, PAVGBG02, PTD<sup>+</sup>14, PDE<sup>+</sup>16, STK02, SMV<sup>+</sup>03, SHI06, SPSM23, SFR<sup>+</sup>06, SRF<sup>+</sup>09a, SBB<sup>+</sup>19, TBB<sup>+</sup>11, VSD<sup>+</sup>97, VSV<sup>+</sup>97, WBM96, WMS<sup>+</sup>96, WBBM01, WBML06, YWI<sup>+</sup>02, PTD<sup>+</sup>14]. **Planktonic** [ABB<sup>+</sup>01, BHC<sup>+</sup>01, CSGC03b, HSH<sup>+</sup>13, Hus16, KTL<sup>+</sup>00, Ang10, AKHR<sup>+</sup>20, DP02, HSY08, JBOH10, KKNH02, LH07, MBH<sup>+</sup>96, MBC<sup>+</sup>09a, OT03, Qué13, QLU09, RVJG<sup>+</sup>02, RVJG<sup>+</sup>05, RJDR06, RPJ<sup>+</sup>06, SDMS06, WLZ<sup>+</sup>19, dLC<sup>+</sup>14]. **plant** [YERT13]. **Plastic** [FEB<sup>+</sup>15, HKY<sup>+</sup>13]. **plasticity** [NSvH<sup>+</sup>11, Vri09]. **Plata** [RDdL<sup>+</sup>13]. **Plate** [LRL<sup>+</sup>22]. **Plateau** [BSL08a, BQT08, Di 10, MAR<sup>+</sup>17, VPP07, ZLJ08, vBBR<sup>+</sup>08, BBE<sup>+</sup>13, Har11, NHD11, ACQ<sup>+</sup>08, ACBMQ08, BvWR<sup>+</sup>20, COV<sup>+</sup>08, JDS<sup>+</sup>08, JBM<sup>+</sup>08, MWK<sup>+</sup>20, MMT08, NMN<sup>+</sup>17, PFDG08, PRDF08, PVRA07, PMS<sup>+</sup>07, SMS<sup>+</sup>07, SLMP07, SCSMT20, VPSL15, WWHT20, ZDW<sup>+</sup>20]. **plateaus** [MGT<sup>+</sup>20]. **platessoides** [DKP<sup>+</sup>14]. **Platform**

[WKM<sup>+</sup>07a, AML<sup>+</sup>19, KJB<sup>+</sup>08, TFP<sup>+</sup>16, SWB<sup>+</sup>18]. **platforms**  
 [Fed13, HMGD17, TWL<sup>+</sup>15]. **Plausible** [WCJ<sup>+</sup>11]. **Pleistocene**  
 [AKI<sup>+</sup>16, CRM<sup>+</sup>16, FS07, Hus16, IKR<sup>+</sup>12, KOS<sup>+</sup>16, KKT16, Led93, MA05, PDBH03, TRO16, Zar16]. **Pleuragramma** [OMG<sup>+</sup>11]. **Pleurobrachia**  
 [MCCM<sup>+</sup>98]. **Pleuroncodes** [RAL04]. **Pleuronectiformes** [TTD13]. **Plio**  
 [BCA<sup>+</sup>03]. **Plio-Quaternary** [BCA<sup>+</sup>03]. **Pliocardiinae** [LVJC17].  
**Pliocene** [FSG02, Hus16, KOS<sup>+</sup>16, KKT16, LW15, TRO16, YK16]. **plume**  
 [DWHM06, KCMA05, KCA05, SP19a, VT09, ZPG14, ZA16, HTML98].  
**plume-associated** [ZA16]. **plumes** [CBB<sup>+</sup>98, FBL<sup>+</sup>98, GOH<sup>+</sup>15, JBS<sup>+</sup>98, KLLO98, LAPL<sup>+</sup>16, MMHB98, MBF<sup>+</sup>98, OS04, Phi17, PSWF19, TH99].  
**PlumEx** [GJC98, SMY<sup>+</sup>98]. **plunderfishes** [LCVV06]. **plunge** [YKN07].  
**plutonium** [HAP03, HPK<sup>+</sup>97, LGP<sup>+</sup>03]. **Po**  
 [?]Chen:2021:DIP,Verdeny:2009:PEO. **POC**  
 [AT10, ALH<sup>+</sup>01, BDWG02, BHMK08, BCS99, CBB<sup>+</sup>00, DP07, FS02, GMR06, GGRW98, LCL<sup>+</sup>09, MGR03b, ME02, MKH<sup>+</sup>05, VMGO<sup>+</sup>09].  
**pockmark** [BNP<sup>+</sup>09, CBNR<sup>+</sup>09, OCG<sup>+</sup>09]. **pockmarks**  
 [CSG<sup>+</sup>15, GPBV<sup>+</sup>07]. **pod** [OMAA18]. **pod-specific** [OMAA18]. **POGO**  
 [TSDG13]. **Point** [LPAR24, Osc01, CPM<sup>+</sup>18, CGR<sup>+</sup>00, RA98, VLK06].  
**points** [HIA<sup>+</sup>16, MPH<sup>+</sup>16]. **poisoning**  
 [ACK<sup>+</sup>14, BMH05, DCD<sup>+</sup>14, KAM<sup>+</sup>14]. **Polar**  
 [ARLB00, ARNB01, AS02a, AF01, BCVCHW04, BVB14a, BVB<sup>+</sup>14b, BHJ<sup>+</sup>14, CSW<sup>+</sup>17, CSP05, DURP03, DO01, DLB02, DSJ<sup>+</sup>11, GSK02, HPM02, JSSW14, LSB<sup>+</sup>02, MEB<sup>+</sup>23, MAB<sup>+</sup>01, MLBB14, PH17, PRMM<sup>+</sup>17, RTB02, RPZ<sup>+</sup>14, RFB97, SM00, SLA<sup>+</sup>01, SKMDR02, SGB<sup>+</sup>02, SBvdL<sup>+</sup>02, SWGPK17, SLB13b, TPS<sup>+</sup>15, URDP01, WMA11, WZB<sup>+</sup>14, vFvdBB<sup>+</sup>02, vdLBB<sup>+</sup>02, CSS<sup>+</sup>22b, EG0022, Fed13, JLTD11, JMN<sup>+</sup>15, NGS<sup>+</sup>20, ODR<sup>+</sup>09, PBB<sup>+</sup>13, RBJW16, SJD<sup>+</sup>11, TWA<sup>+</sup>12, TPW<sup>+</sup>16, TRHA01, TTL<sup>+</sup>16, WF13, BGDT11, BL01b, CEG<sup>+</sup>11, CHR97, DPS<sup>+</sup>11, ETDB11, FGW02, FS07, FBCN00, JDD<sup>+</sup>11, KMD<sup>+</sup>01, LBR<sup>+</sup>11, RGTV97, SHB14, TLK<sup>+</sup>02, WGWW11].  
**Polarstern** [FdBGP11, Kyt02b, Kyt02c, RSD<sup>+</sup>97, SDB<sup>+</sup>97, SBvdL<sup>+</sup>02].  
**Poleward** [SHKW05, KLM13, PSK<sup>+</sup>00b]. **Pollock**  
 [WWN<sup>+</sup>22, BCBB12, Blo02, BWC<sup>+</sup>02, BOKA16, CBSS02, CP02, DABF<sup>+</sup>16, EZB<sup>+</sup>20, EBG<sup>+</sup>22, EMB<sup>+</sup>22, GEP<sup>+</sup>16, GBP21, HSFN13, HPH<sup>+</sup>16, JHHK14, LSWH07, MES<sup>+</sup>23, MZH16, PHH<sup>+</sup>16, SHN<sup>+</sup>07, SHM13, SNS<sup>+</sup>16, SDAH<sup>+</sup>12, SSDA13, SCD<sup>+</sup>22, SHPM14, WCS07]. **pollutant** [PP95]. **pollutants**  
 [dJMTGG11]. **Pollution**  
 [LCW<sup>+</sup>07, CMP14, FEB<sup>+</sup>15, GGM<sup>+</sup>16, KKSA19, WHC24].  
**polybrominated** [CHW<sup>+</sup>12]. **Polychaeta** [Ala15, KEA<sup>+</sup>17, MHC<sup>+</sup>10, QRE<sup>+</sup>17, RRT<sup>+</sup>17, SE07, STB<sup>+</sup>17, VHM17, WS11]. **Polychaete** [Ala15, CBMM15, QNL<sup>+</sup>16, SBP13, Ala22, CDM23, DCH04, PWCL98, SPB<sup>+</sup>10].  
**Polychaete-parasitizing** [CBMM15]. **Polychaetes**  
 [Hil04, Ala13, Ala18, GLMB18, LG00, LZM<sup>+</sup>13, NRSL17, PGF<sup>+</sup>09, WPSB11].  
**Polychaetous** [OBKA17]. **Polycyclic** [HTPM14, HT17, LTS<sup>+</sup>97, WSS<sup>+</sup>08].  
**polycystine** [WPJW96]. **Polymer** [VS10]. **polymetallic**

[AS01a, SSI19, TTU01]. **Polymorphism** [EGOO22, EBG<sup>+</sup>22, MN10].  
**polymorphisms** [BLBW<sup>+</sup>11, XSL<sup>+</sup>17]. **polynoid** [GLMB18]. **Polynoidae**  
[STB<sup>+</sup>17]. **Polynya**  
[CCK<sup>+</sup>16, DFF02, HKY<sup>+</sup>16, KCY<sup>+</sup>16, CKJ<sup>+</sup>16, JLY<sup>+</sup>16, LLK<sup>+</sup>16, LPJ<sup>+</sup>16,  
MBDB<sup>+</sup>24, TLP<sup>+</sup>12, WZW<sup>+</sup>22, HBBD03, MZG<sup>+</sup>24]. **Polynyas**  
[TAL<sup>+</sup>12, ALvD12, MAT<sup>+</sup>12, WBA03]. **polysaccharide** [AZYT16, LZS<sup>+</sup>18].  
**polysaccharides** [KMD<sup>+</sup>01]. **polyunsaturated** [Kha18]. **POM**  
[BHMC05, GK02, PMJW10, SBN<sup>+</sup>15]. **Pompeii** [DCA<sup>+</sup>98]. **pompejana**  
[DCA<sup>+</sup>98]. **pond** [PSA14]. **Pontinus** [CSM13b]. **pool** [KNG02, KIY<sup>+</sup>05,  
LBD<sup>+</sup>02, SYT<sup>+</sup>10, VDS<sup>+</sup>20, WJS<sup>+</sup>10, BLG15, GdRGH<sup>+</sup>14]. **pools**  
[YOI<sup>+</sup>09]. **poor** [GEP<sup>+</sup>16]. **Poorly**  
[HB19, HBSV24, FM13, HBV19, HBVG20, HBVG22]. **pop**  
[CFK15, WCK<sup>+</sup>18]. **pop-up** [CFK15, WCK<sup>+</sup>18]. **Population**  
[BLBW<sup>+</sup>11, BTFB12, BTM<sup>+</sup>98, DHST13, KYI10b, LMLJ18, NKK<sup>+</sup>00,  
RCCP13, TTD13, WMW<sup>+</sup>20, WT12, WZ14, YOO<sup>+</sup>10, BTC13, BK96b,  
BAD<sup>+</sup>14, BSR08, CWSH20, CMH09, CRBK03, DKT<sup>+</sup>01, DQC14, DOC01,  
EGMB13, EBM<sup>+</sup>18, ESAG10, HRG<sup>+</sup>16, HZL94, JLB<sup>+</sup>99, KAM<sup>+</sup>20, KL03,  
LMDW06, MDTS11a, MWK<sup>+</sup>20, MGJ<sup>+</sup>18, PJLO<sup>+</sup>17, QRE<sup>+</sup>17, RJB<sup>+</sup>04,  
RFF<sup>+</sup>02, SGI<sup>+</sup>19, SW08, SN00, WLT20, XSL<sup>+</sup>17]. **populations**  
[BW04, CFGR07, CLL<sup>+</sup>03, CRT<sup>+</sup>00, EWBW99, FVSRR14, FG07, GDD<sup>+</sup>09,  
KCMA05, KCA05, KRW03, LKC96, LB98a, MTK05, MALT05, PHD<sup>+</sup>11,  
PKA05, RHZ<sup>+</sup>03, SH00, SLHS20, SBSW07, SMB<sup>+</sup>18, TSP<sup>+</sup>18, TSSR20,  
TLP<sup>+</sup>19, WBBM01, WBML06, YNG<sup>+</sup>16]. **Porcupine**  
[SKdS<sup>+</sup>14, BRG17, GMBL10, HLL<sup>+</sup>10, KBG<sup>+</sup>10, LBM10, MLP<sup>+</sup>10,  
MZH<sup>+</sup>10, PLS<sup>+</sup>10, RRL<sup>+</sup>14, SWBKK10]. **Pore**  
[GRSW00, HKR<sup>+</sup>01, SHM<sup>+</sup>07, WKM<sup>+</sup>07a]. **Pore-water** [GRSW00].  
**Porewater** [WSB<sup>+</sup>09, HBT<sup>+</sup>08]. **Porifera** [GJ11, HRX17, JTT04, JT07].  
**porosity** [TGFE02]. **porpoise** [BvGH<sup>+</sup>17, MOA<sup>+</sup>18]. **porpoises** [ATM<sup>+</sup>07].  
**PORT** [LGK15, BS03, CRBK03, CKL03, KFG<sup>+</sup>03, KRW03, KL03, LT03,  
RHZ<sup>+</sup>03, SGD<sup>+</sup>03]. **portal** [GDC11]. **Portimao** [BVGE<sup>+</sup>06]. **portion**  
[GGAMV<sup>+</sup>23, SHY<sup>+</sup>08]. **portrait** [EMB<sup>+</sup>22]. **Portugal**  
[CGPM13, PGPI<sup>+</sup>13, MT11, MTMH11]. **Portuguese**  
[GdSP11, CPA<sup>+</sup>11, GSdS<sup>+</sup>14, KBI<sup>+</sup>11, SMR<sup>+</sup>06, dSJB<sup>+</sup>11]. **Portunidae**  
[VAM97]. **POSEIDON**  
[BSS<sup>+</sup>02, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, MMXS02, KFH01, SMS03]. **position**  
[BCNS15, CCM<sup>+</sup>20, CNOC13, KME18, LGP<sup>+</sup>15, NRH<sup>+</sup>06]. **positioning**  
[MMM<sup>+</sup>13, PKZ<sup>+</sup>19]. **positions** [RCKCK07]. **Possible** [BL06, CKB<sup>+</sup>07,  
GEP<sup>+</sup>16, KSBK01, BW04, BMK05, HS98, JR11, LWS21, MRRG23,  
OGBF08, PPRHLF02, Rod13, SRY04, SGC03, TMP<sup>+</sup>19, TD16, WPB11].  
**Post** [LB93, MTB09, BE18, GLCU<sup>+</sup>17, NLSL09, OGG<sup>+</sup>15, SMV<sup>+</sup>13].  
**Post-eruption** [MTB09, NLSL09]. **post-eruptive** [OGG<sup>+</sup>15]. **post-flexion**  
[GLCU<sup>+</sup>17]. **Post-Miocene** [LB93]. **post-recruit** [SMV<sup>+</sup>13].  
**post-spawning** [BE18]. **postures** [EBG<sup>+</sup>11]. **Potential**  
[BMS<sup>+</sup>18, CKB<sup>+</sup>07, DMFB19, DFY<sup>+</sup>23, DWM<sup>+</sup>15, ETD<sup>+</sup>11, GRD<sup>+</sup>08,

Gau07, HKY<sup>+</sup>13, LWJR22, PRORSV<sup>+</sup>19, XSL<sup>+</sup>17, ADE22, AELP14, BRCFP23, BTR20, BSN<sup>+</sup>15, BSH<sup>+</sup>11, Car01, CEG<sup>+</sup>11, CDRB16, CPEN08, DURP03, DJS<sup>+</sup>08, DWW<sup>+</sup>02, FJR<sup>+</sup>20, GSC<sup>+</sup>19, GPK02, HK07, HMHY11, HCRX16, HPS<sup>+</sup>11, JEK<sup>+</sup>15, Kla97, KLM<sup>+</sup>02, KN97, LMG93, LFC16, MBG18, MBDB<sup>+</sup>24, MBC<sup>+</sup>09b, NSMBN08, OWD13, OT03, PPYN15, Pas18, SD06b, SRH<sup>+</sup>11, SGC03, SSP<sup>+</sup>09, SMB<sup>+</sup>18, TBSP<sup>+</sup>18, WGST08, ZSKL19, ZdBB<sup>+</sup>07]. **power** [MGK19]. **practices** [BC08]. **Prakash** [HBC<sup>+</sup>22]. **Prasinophyceae** [TB98]. **Pre** [NLSL09, DG18, GLCU<sup>+</sup>17]. **Pre-** [NLSL09, GLCU<sup>+</sup>17]. **pre-monsoon** [DG18]. **precautionary** [HWN<sup>+</sup>04]. **precipitation** [KWF<sup>+</sup>19, SDL22, SMH<sup>+</sup>11]. **Precision** [CBB<sup>+</sup>95, BKY<sup>+</sup>17, MCH<sup>+</sup>13, ZDW<sup>+</sup>20]. **preconditioning** [LGQ99]. **Predation** [FPGH02, LCDS00, DFY<sup>+</sup>23, DKP<sup>+</sup>17, GMPSHA<sup>+</sup>13, LRR<sup>+</sup>04, MHSV18, NA13, PB13, PHKW10, SSP14]. **predator** [Ano06g, AHB<sup>+</sup>17, BOKA16, LTL<sup>+</sup>23, NSBL94, RSWG04, SMA<sup>+</sup>17, SJST13, STS<sup>+</sup>15, UKM16, YSMW05, YKO15]. **predator/fisheries** [RSWG04]. **predator/prey** [RSWG04]. **predators** [BHH<sup>+</sup>14, DLW<sup>+</sup>17, EAB<sup>+</sup>20, FJF<sup>+</sup>11, HAE<sup>+</sup>15, HAE<sup>+</sup>17, HWCT08, JNBJ17, LLD<sup>+</sup>17, LPD<sup>+</sup>17, LTS<sup>+</sup>13, MPJ<sup>+</sup>13, RCF<sup>+</sup>08, SKR<sup>+</sup>12, SM96b, SBG<sup>+</sup>06, VBM97, YHC<sup>+</sup>15]. **predatory** [ABB<sup>+</sup>01, MBH<sup>+</sup>96, NSLAP<sup>+</sup>17]. **predict** [MBG18, RDL<sup>+</sup>09, SM12]. **Predictability** [CB16, BFH<sup>+</sup>23, LK11, WDR05, Wun13, YSWJ16]. **Predictable** [PWB<sup>+</sup>06, LPA<sup>+</sup>95]. **predicted** [DLW<sup>+</sup>17, Jac95a]. **Predicting** [MZD<sup>+</sup>11, POI<sup>+</sup>17, RDW<sup>+</sup>22, SRF<sup>+</sup>09a, VGD14, VLP<sup>+</sup>17, WTA<sup>+</sup>18, BJP<sup>+</sup>22, DW15b, SSB<sup>+</sup>07]. **Prediction** [BDBB07, CKY23a, CKY23b, GMCR18, GSM<sup>+</sup>20, MBd05, PFAZL09, ZWM12]. **predictions** [AHB<sup>+</sup>17, LVP<sup>+</sup>17, ZDP<sup>+</sup>16]. **Predictive** [GGAMV<sup>+</sup>23, PPM<sup>+</sup>17, OBWK01]. **predictor** [SAB08]. **Predictors** [HDK08]. **Predominance** [BKS<sup>+</sup>10]. **Preface** [AJ95, AMTT05, AMD<sup>+</sup>14, BRLB13, CH19, GML<sup>+</sup>10, LKP06, MMB06, PNLFS02, PNLF02, PNLFS03, Pov03, RB10, SD08, TJB05, TSZ10, TTL<sup>+</sup>16, WREC18, Whe97, vHSM04a, Mil94a, Won15, PNLFS03]. **preference** [CSA<sup>+</sup>09, SRAs<sup>+</sup>24]. **preferences** [ADK<sup>+</sup>15, CP05, FRBB10, IUdV<sup>+</sup>12, LLD<sup>+</sup>17, LPD<sup>+</sup>17, LMLC<sup>+</sup>17, PTS17, SSSN19]. **preferential** [TYBY06]. **Preliminary** [Ala13, BBS<sup>+</sup>20, CB18, HZYZ10, KM15, LAÁ<sup>+</sup>14, LH06, TPP<sup>+</sup>20, BCA<sup>+</sup>03, FDR<sup>+</sup>18, HSC<sup>+</sup>07, NCK<sup>+</sup>22]. **Preparing** [RDL<sup>+</sup>09]. **prerequisites** [TY98]. **presence** [Blu93, GdRGH<sup>+</sup>14, MGJ<sup>+</sup>18, ÖCB<sup>+</sup>04, SMB<sup>+</sup>18, VGD14]. **presence-background** [VGD14]. **present** [BHS<sup>+</sup>10, HTTS12, HHMF11, Kos01, Sig17, WYOS18]. **Preservation** [STR<sup>+</sup>14, GRD<sup>+</sup>08, HZWW16, ID19, ILWH03, ZB00]. **preserved** [ACQ<sup>+</sup>08, SSAF02]. **pressure** [AFC<sup>+</sup>17, BCM02, Dan95, KRF01, LMG93, LAPL<sup>+</sup>16, OACA19, PW05, TGRB02, TGG<sup>+</sup>09, TY98, ŽSN<sup>+</sup>18, BY09]. **pressures** [CG07, TS13]. **Prestige** [CMP14]. **presumed** [NDD<sup>+</sup>14]. **Prevalent** [AHVB<sup>+</sup>17]. **previous** [EMG<sup>+</sup>15]. **Prey**



[HJDP05, Ant10, BWC<sup>+</sup>02, BD06, BOKA16, CSA<sup>+</sup>09, CBK<sup>+</sup>07, CBA<sup>+</sup>05, EHK<sup>+</sup>20, FRH<sup>+</sup>98, KY17, KIM08, LTL<sup>+</sup>23, LTS<sup>+</sup>13, NYH<sup>+</sup>20, NSBL94, RSWG04, SMA<sup>+</sup>17, SKR<sup>+</sup>12, SVJ<sup>+</sup>08, SLLT10, STS<sup>+</sup>15, UKM16, ZFP<sup>+</sup>16].

**prey-predator** [LTL<sup>+</sup>23]. **preying** [GMD07]. **Pribilof** [BSR08, BSRM08, CRJ<sup>+</sup>08, CBSS02, FSK<sup>+</sup>02, HSSN08, JVDH08, Loh08, Mac08, MSMS08, MiSW08, PC08, RMD<sup>+</sup>12, SVJ<sup>+</sup>08, SKM<sup>+</sup>08, SKMS08].

**primarily** [OUJ<sup>+</sup>19]. **Primary** [BSL<sup>+</sup>96, BMB<sup>+</sup>01, CMT93, DNH<sup>+</sup>02, EBB<sup>+</sup>08, HMS<sup>+</sup>03, IHSS<sup>+</sup>10, KDG<sup>+</sup>97, KNC<sup>+</sup>09, LRV<sup>+</sup>02, MSJ<sup>+</sup>06, MPH<sup>+</sup>22, MBK08, OMS06, PMG<sup>+</sup>22, SCM<sup>+</sup>02, SHF<sup>+</sup>95, SGW<sup>+</sup>00, TAMTC<sup>+</sup>13, VMBS03, VMI<sup>+</sup>08, VSV<sup>+</sup>97, WGMW10, WGWW11, AHGCNM<sup>+</sup>04, Ano97c, AvD04, BRSIW95, BGKB06, CFS<sup>+</sup>06, CMG<sup>+</sup>11, CC03, DSB<sup>+</sup>18, DS21, DSC<sup>+</sup>01, FME<sup>+</sup>09, FRW00, FDM<sup>+</sup>97, GSMB01, GWWL03, Gra09, HC05, HKO<sup>+</sup>17, HNRGL06, INTS02, JEK<sup>+</sup>15, JBS<sup>+</sup>13, JDL<sup>+</sup>12, JPSB93, JSP<sup>+</sup>17, KCD<sup>+</sup>96, KNB11, KNTS02, LUV99, LLB<sup>+</sup>00, LMM<sup>+</sup>97, LMvDA16, LCT<sup>+</sup>07b, LCL<sup>+</sup>10, LZZ<sup>+</sup>16, LMC<sup>+</sup>12, LAF<sup>+</sup>02, LFHM97, MGR<sup>+</sup>03a, MDH<sup>+</sup>98, MFG<sup>+</sup>93, ML20, MAA<sup>+</sup>04, MAA<sup>+</sup>05, MLK<sup>+</sup>12, MBP09, NED09, OBWK01, OBM<sup>+</sup>93, PFC19, PC00, RCF<sup>+</sup>16, SBM16, SG99, SWO<sup>+</sup>01, SMHB00, SGB<sup>+</sup>02, SGP<sup>+</sup>02, SLB<sup>+</sup>15, Sva96, TSPH09, TPS<sup>+</sup>15, UWvdE<sup>+</sup>16, VFS02, VSSN96, VRL<sup>+</sup>02, WPG<sup>+</sup>07, WCRG95, WDM<sup>+</sup>05, WSL07, WAK<sup>+</sup>12, WCH05]. **primary** [WMM02, WWC<sup>+</sup>99, YKSI19, vRPD<sup>+</sup>18]. **PRIME** [SIBW01, WH01b, WPAP01, KFHR05, vHHH<sup>+</sup>11]. **PRIMI** [TAB<sup>+</sup>16].

**primitive** [TB98]. **Primnoa** [AELP14]. **Primnoella** [PB13]. **Primnoidae** [AL14]. **Prince** [Cam18, CBA<sup>+</sup>05, FPGH02, GKR<sup>+</sup>18, GFPM02, HPM02, LB18, LMH<sup>+</sup>18, MC18b, MOA<sup>+</sup>18, SNMH18]. **princeps** [CGD<sup>+</sup>15].

**principal** [WDMEL01]. **prions** [vFvdBB<sup>+</sup>02]. **prior** [YK16]. **Priorities** [MsvL17]. **prioritisation** [AH17]. **prioritization** [DLW<sup>+</sup>17]. **probability** [Pap05b]. **Probable** [LPMS09]. **probe** [MGT16]. **probes** [AKK<sup>+</sup>05, BFK<sup>+</sup>14]. **Probing** [TVLB08]. **Problem** [IPLCHRM19, BKS<sup>+</sup>16, HZL94]. **problems** [Joh19]. **procedures** [SS05a, SS05b]. **Proceedings** [MDLvW14, Ano07c, HD07, PTP09]. **Process** [LMB<sup>+</sup>98, MCG<sup>+</sup>98, MJG95, SMBM99, BKM07, BJP<sup>+</sup>22, CFKS05, CFS09, CMC<sup>+</sup>02, KRAS24, LBM10]. **process-based** [BJP<sup>+</sup>22]. **process-oriented** [BKM07]. **Processes** [Ano05c, BN05, BCM02, CMRL11, GHGMI05, HB03, KMLT06, LL00, MKVT<sup>+</sup>04, PVT<sup>+</sup>21, RMC<sup>+</sup>08, RH94, WMM02, AGL<sup>+</sup>19, AGN<sup>+</sup>02, AM02, BFL<sup>+</sup>20, BB09, BGOL01, Bis94, BFF94, BASLK04, BE09, BEB11, BW14, CWSH20, CMG<sup>+</sup>12, CCS<sup>+</sup>16, CL09, DRD06, DS24, DBD03, DDB<sup>+</sup>17, DCR94, Dia04, DBDT03, DFK<sup>+</sup>06, DGS<sup>+</sup>05, DJC<sup>+</sup>14, ES04, EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, FAC<sup>+</sup>24, FGH<sup>+</sup>13a, GBH<sup>+</sup>01, GSMB01, Gar04, GBP00, GF07, Gre04, HKR<sup>+</sup>01, HRM<sup>+</sup>06, HDF<sup>+</sup>01, HSO04, HSM<sup>+</sup>01a, Hin09, IBB<sup>+</sup>02, KM05a, KWA<sup>+</sup>20, KHL<sup>+</sup>15, KMO09, KSB<sup>+</sup>03, LWLS98, LBM<sup>+</sup>17, LBD<sup>+</sup>22, Lin16, LL14, LPSS03, Liv95, LSA14, LWGS00, MC05, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MMS<sup>+</sup>16, MHdS<sup>+</sup>11, MBS<sup>+</sup>13, MGH<sup>+</sup>16, MSGO18, NTA<sup>+</sup>10, OHT12,

OGBF08, OBH<sup>+</sup>19, OAH<sup>+</sup>16, OGG<sup>+</sup>20, PTD<sup>+</sup>17, PMJ20, PN93, RÇG18, SCM<sup>+</sup>02, SSG14, SIS<sup>+</sup>02, SRF95, SKM01, STM04a, STM04b, SBD<sup>+</sup>97].

**processes**

[SNFK20, SDMS06, SYZ<sup>+</sup>24, SWGPK17, SD22, TSZT13, TKF16, TAB<sup>+</sup>05, UIS<sup>+</sup>03, WPD22, WDD<sup>+</sup>22, WCH05, ZTZ09, vFvdBB<sup>+</sup>02, vHSM04b].

**processes-induced** [WDD<sup>+</sup>22]. **processing** [BFM<sup>+</sup>14, CLPL<sup>+</sup>09].

**Prochaetoderma** [SI09]. **Prochaetodermatidae** [SI09]. **Prochlorococcus** [JLB<sup>+</sup>99, LCL<sup>+</sup>98]. **produced** [OCL<sup>+</sup>08, OBRJ01]. **producer** [OMS06].

**producers** [NED09]. **producing** [JS14, MFH04]. **Product**

[Ano99n, MDI<sup>+</sup>12]. **Production** [CB97, CK03, CWdE99, DOB<sup>+</sup>01, HTS<sup>+</sup>09, PDE<sup>+</sup>16, AHGCNM<sup>+</sup>04, Ano97c, AvD04, AMN<sup>+</sup>02b, AM02, AMK<sup>+</sup>05, BTB<sup>+</sup>08, BLSW05, BBH05, BH99a, BDO00, BCDV02, BFML<sup>+</sup>08, BRSIW95, BGKB06, BZvHH00, BBV00, BLB<sup>+</sup>99, BLC<sup>+</sup>02, BBD<sup>+</sup>03, BT15, CRD01, CFS<sup>+</sup>06, CEG<sup>+</sup>11, CC03, Che03, CCW<sup>+</sup>08, CCZ<sup>+</sup>21, CMT93, CCK<sup>+</sup>16, CMB12, CJM<sup>+</sup>22, DSB<sup>+</sup>18, DS21, DCL<sup>+</sup>09, DCA09, DSO<sup>+</sup>97, DBN<sup>+</sup>11, DO01, DCK01, Duc93, DDK<sup>+</sup>00, DWHM06, DCF<sup>+</sup>11, DSJ<sup>+</sup>11, EBM<sup>+</sup>25, EBB<sup>+</sup>08, ECS<sup>+</sup>17, FAS<sup>+</sup>03a, FAS<sup>+</sup>03b, FME<sup>+</sup>09, FRW00, FPB04, GSMB01, GWR93, GBP00, GSW<sup>+</sup>09, GSGS01, GWWL03, GVD<sup>+</sup>97, GLW<sup>+</sup>97, Gra09, GCB04, GFW07, Hat02a, dITGCAB<sup>+</sup>03, HGAB04, HC05, HALV18, HDCM95, HK10, HKO<sup>+</sup>17, HdBB<sup>+</sup>02, HNRGL06, HRG<sup>+</sup>16, HKY<sup>+</sup>16, IIM02, JLTD11, JDL<sup>+</sup>12, JWC<sup>+</sup>01, JSP<sup>+</sup>17, JAM<sup>+</sup>14, KCD<sup>+</sup>96, KNG02, KPPL00, KKK<sup>+</sup>17, KRB95, KHC<sup>+</sup>09, KLM<sup>+</sup>02, KEPZ93]. **production** [KNB11, KLD21, KDG<sup>+</sup>97, KC00, LUV99, LST<sup>+</sup>11, LHD<sup>+</sup>22, LLB<sup>+</sup>00, LQF<sup>+</sup>02, LPJ<sup>+</sup>16, LMM<sup>+</sup>97, LMvDA16, LDHI93, LZS<sup>+</sup>18, LCL<sup>+</sup>98, LKH<sup>+</sup>07, LCT<sup>+</sup>07b, LZZ<sup>+</sup>16, LBGW97, LRV<sup>+</sup>02, LMC<sup>+</sup>12, LAF<sup>+</sup>02, LFHM97, MDH<sup>+</sup>98, MDH08, MFG<sup>+</sup>93, MC02, MBHB09, MBK08, MGNB96, MPC99, MNB02, ML20, ME02, MBP09, MCL<sup>+</sup>12, MQD06, MLS<sup>+</sup>15, NISG05, NL11, NW01, NPA<sup>+</sup>22, OBWK01, Osc01, OBM<sup>+</sup>93, PAVGBG02, PFC19, PC00, PC08, PCAS05, PKZ93, PMG<sup>+</sup>22, PDS00, PGK14, QB02, RBJW16, RGS<sup>+</sup>97, RHD<sup>+</sup>18, RIBW99, RSW<sup>+</sup>00, RAL<sup>+</sup>01, RCF<sup>+</sup>16, RPJ<sup>+</sup>06, SCM<sup>+</sup>02, SM00, Sam01, SMV<sup>+</sup>03, SMS<sup>+</sup>07, SHGB95, SG99, SLT<sup>+</sup>11, SFW08, SFR<sup>+</sup>06, SRF<sup>+</sup>09a, SBSH99, SGC03, SRF95, SWO<sup>+</sup>01, SNS<sup>+</sup>16, SNB02, SSP<sup>+</sup>06, SR08b, SKK<sup>+</sup>16, SBH<sup>+</sup>02, SVS<sup>+</sup>20, SMG<sup>+</sup>07, SD96, SZS<sup>+</sup>07, SAB<sup>+</sup>07, SGB<sup>+</sup>02, SGP<sup>+</sup>02, SFB16, SNW08, Sva96, SHC<sup>+</sup>00, TAMTC<sup>+</sup>13, TGRB02, TSPH09, TGFP02]. **production** [TLK<sup>+</sup>02, VFS02, VSSN96, VRL<sup>+</sup>02, VMI<sup>+</sup>08, VSV<sup>+</sup>97, WPG<sup>+</sup>07, WCRG95, WDM<sup>+</sup>05, WCMB06, WB01, WT12, WGWW11, WAK<sup>+</sup>12, WWN<sup>+</sup>02, YOO<sup>+</sup>10, YÇYTKB06, Zel01, ZXLL10, ZJA16, ZT00, Zon07, MPH<sup>+</sup>22].

**productive**

[AE02, CAMA<sup>+</sup>02, HPS<sup>+</sup>13, JSP<sup>+</sup>17, KCY<sup>+</sup>16, MAA<sup>+</sup>04, MAA<sup>+</sup>05, SSE<sup>+</sup>14].

**Productivity** [Ake19, FLMF07, JZ93, JPZ93, OTA<sup>+</sup>05, ZTZB09, AMN<sup>+</sup>02a, AMvD<sup>+</sup>12, BRG<sup>+</sup>19, BSL<sup>+</sup>96, BMB<sup>+</sup>01, BBE<sup>+</sup>13, BLD<sup>+</sup>06, BVB<sup>+</sup>14b, Car07, Car01, CMG<sup>+</sup>11, CHH19, DNH<sup>+</sup>02, DPS<sup>+</sup>11, DSC<sup>+</sup>01, DC96, FL02, FDM<sup>+</sup>97, GMR<sup>+</sup>05, GVW<sup>+</sup>19, GNHS05, HdVGHM02, HMS<sup>+</sup>03, HHNK<sup>+</sup>04,

INTS02, IHSS<sup>+</sup>10, IMP<sup>+</sup>02, JRJ<sup>+</sup>22, JEK<sup>+</sup>15, JBS<sup>+</sup>13, JPSB93, KBL01, KT05, KWW<sup>+</sup>12, KLKB95, KD00, KNC<sup>+</sup>09, KRG<sup>+</sup>01, KN05, LLR<sup>+</sup>06, LJL<sup>+</sup>12, LGVK<sup>+</sup>14, LCL<sup>+</sup>10, LAT<sup>+</sup>18, MPH<sup>+</sup>95, MPG<sup>+</sup>97, MGR<sup>+</sup>03a, MSJ<sup>+</sup>06, MAA<sup>+</sup>04, MAA<sup>+</sup>05, MLK<sup>+</sup>12, MBT97, NFD<sup>+</sup>02, NZT97, PPA10, PGC<sup>+</sup>11, PG07, RBB<sup>+</sup>97, SMZ<sup>+</sup>08, SBM16, SHF<sup>+</sup>95, SLMP07, SMHB00, SBH<sup>+</sup>02, SGW<sup>+</sup>00, SLB<sup>+</sup>15, TPS<sup>+</sup>15, UWvdE<sup>+</sup>16, VMBS03, VAMPR<sup>+</sup>17, WSL07, WMW96, WGMW10, WCH05, WMM02, WDKC00, WWC<sup>+</sup>99, WM99, YKSI19, YKJ<sup>+</sup>15, vRPD<sup>+</sup>18]. **products** [AGGdC14, GF07, SHH03, bsBD<sup>+</sup>20]. **Prof.** [MLB<sup>+</sup>10]. **Professor** [HLHW24, EG96]. **profile** [GMK<sup>+</sup>08, KK20, TR02]. **Profiler** [SHY<sup>+</sup>08, BMM<sup>+</sup>99, HVBO08, LDHO<sup>+</sup>14, TSDG13]. **profiles** [BHB<sup>+</sup>07, DPY<sup>+</sup>14, DM16b, Eif05, HKR<sup>+</sup>01, HBT<sup>+</sup>08, JW05b, PTD<sup>+</sup>14, SE95, SHM<sup>+</sup>07, SIFS10, ULH<sup>+</sup>21, YKS03, JW05a]. **profiling** [BS05, BS06, CWS<sup>+</sup>23, GLK<sup>+</sup>06a, HB03, KOR06, PNVJ13]. **profunda** [LZS<sup>+</sup>18]. **profundorum** [BCNS15]. **prognosis** [MSvL17]. **prognostic** [CBF01, FC01]. **Program** [Ano14, CRR01, DTJ<sup>+</sup>14, DB16, RK08, SA03, Urb20, ZDO19, BRPI02, BAH<sup>+</sup>95, Eck94, FH09, HWCT04, KL96a, LBL08, Mar02, MK96, MH02, NLDJ14, POA<sup>+</sup>16, TIKS03, WPW<sup>+</sup>14, Zim19, Ano06f, Bau02, Beg18, VBF<sup>+</sup>02]. **programmable** [BTLC98]. **programme** [BMML06, CA06b, LFM02, PH19, PBB<sup>+</sup>13, RHJ06, RPH<sup>+</sup>06, RHJL09]. **programs** [BNM08, FK98, PSK<sup>+</sup>14, SH02]. **Progress** [CB09b, HTK<sup>+</sup>10, HLA<sup>+</sup>06, Ano22o, BMR<sup>+</sup>14, MSvL17, Pra04]. **Progression** [DM25, NBSF01]. **progressive** [HAC<sup>+</sup>14]. **Project** [Ano06d, FSP<sup>+</sup>16, GBB<sup>+</sup>17, HS13, LS14b, VNA<sup>+</sup>16, BTD11, CW09, Ell93, FSM93, MFH04, MSV18, PIP<sup>+</sup>02, PBB<sup>+</sup>13, ROB<sup>+</sup>17, RBDO17, RTM<sup>+</sup>20, RT20, SRS<sup>+</sup>15, SWO<sup>+</sup>01, SMD08, TAB<sup>+</sup>16, ZDBG05, Ano05b, DKSF01, GH05, GHS09, MF93b, NL11]. **Projected** [AJP<sup>+</sup>22, BLG15, HGB<sup>+</sup>16, HKC<sup>+</sup>21, RHPR15, WOS12]. **projection** [MCSF15, QQJ<sup>+</sup>21]. **projections** [MAH<sup>+</sup>12, PCH<sup>+</sup>22, SE24, TdFAL19, WYOS18]. **Prokaryoplankton** [HZT<sup>+</sup>06]. **Prokaryote** [DCL<sup>+</sup>09]. **prokaryotes** [Kel10, RDV<sup>+</sup>09, SIFS10]. **Prokaryotic** [LPA24, PAVGBG02, LLS<sup>+</sup>19, RGH<sup>+</sup>24, VGBGPA02]. **proliferation** [PSA14]. **prolonged** [BY09, MCM<sup>+</sup>14]. **prominent** [PKZ<sup>+</sup>19]. **promotes** [BWL01, HDR<sup>+</sup>11]. **promotion** [Rai14]. **Pronounced** [FS07]. **proof** [MST<sup>+</sup>14]. **propagating** [CK10, JWO<sup>+</sup>09, JR15, MRC05, SYT<sup>+</sup>10]. **propagation** [ADBW16, BHAL13, RSS01]. **propagules** [BSH<sup>+</sup>11]. **Properties** [CCM15, SRF09b, TMT<sup>+</sup>11, Bat01, BCBF03, BFH<sup>+</sup>11, CDA98, Cok16, CMB02, CP05, DMS<sup>+</sup>98, Ell93, ESA<sup>+</sup>09, FWM<sup>+</sup>11, GCR<sup>+</sup>02, GLSK<sup>+</sup>17, GCJ<sup>+</sup>00, GHM02, HNW<sup>+</sup>08, HBP<sup>+</sup>14, HPL<sup>+</sup>12, HSM<sup>+</sup>01a, HLFP08, HAD19, IBD10, JKJ<sup>+</sup>22, KLK<sup>+</sup>15, KC03, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, KHB<sup>+</sup>04, KFS<sup>+</sup>10, LL95, MFN<sup>+</sup>02, MGC<sup>+</sup>01, MFE<sup>+</sup>02, NFD<sup>+</sup>02, NRS14, OMG<sup>+</sup>11, PA25, PVK<sup>+</sup>20, PEC<sup>+</sup>04, PPRHLF02, PTA<sup>+</sup>99, PPF<sup>+</sup>15, RTFB09, SSI<sup>+</sup>99, SOS01, SHFM01, SK02, SN04, THT11, VTD<sup>+</sup>20, WW99, WF99, WTSP07, ZWK<sup>+</sup>15].

**property** [DCN<sup>+</sup>02]. **proportions** [CFL<sup>+</sup>16]. **proposed** [BMML06].  
**prospects** [HLA<sup>+</sup>06, LVP15, PDC<sup>+</sup>21]. **Protanais** [BPKJ15]. **Protandric** [TMBTS09]. **Protected** [BJK<sup>+</sup>22, DKC<sup>+</sup>17, GASGB<sup>+</sup>14, LVP<sup>+</sup>17, MXC15].  
**protection** [MGT<sup>+</sup>20, Thi01]. **protects** [PTM<sup>+</sup>16]. **protein** [RJP18, SKK<sup>+</sup>16, ZA16]. **proteins** [CDT11]. **proteolytic** [TB97]. **protist** [GBBS00]. **Protista** [dSG09a]. **Protistan** [TBSP<sup>+</sup>18, dSEDW11, DSN<sup>+</sup>10, WvdEM00]. **protists** [ANL13, BCN<sup>+</sup>16, GCKC07, LLM<sup>+</sup>02, LLM<sup>+</sup>03, PLT<sup>+</sup>13, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, SSF97, VGBGPA02, VBC<sup>+</sup>95]. **protobranch** [SW09].  
**Protoceratium** [dSVC<sup>+</sup>14]. **protocol** [BCN<sup>+</sup>17]. **protocols** [CM99b].  
**Protozoa** [STFL<sup>+</sup>13]. **Protozooplankton** [Fro04, LCDS00]. **Protracted** [ARLA03]. **Provenance** [ATN<sup>+</sup>12, SHWW22]. **provide** [DCC<sup>+</sup>13, GPCC<sup>+</sup>17, Mit96]. **Province** [LDBvdB17, VSR<sup>+</sup>10, CMVS<sup>+</sup>10, DCC<sup>+</sup>17, MTR<sup>+</sup>10, NCT13, RVD<sup>+</sup>10, SC10, TAC<sup>+</sup>17]. **provinces** [HZZ<sup>+</sup>06, LH01, Wat09, ZJH08]. **proxies** [AELP14, KT05, MFN<sup>+</sup>02, PPR07]. **proximal** [SRB<sup>+</sup>11]. **proximate** [YLK<sup>+</sup>15]. **proximity** [Car10, QNL<sup>+</sup>16]. **proxy** [DJS<sup>+</sup>08, PS05]. **Pruning** [RBS17a]. **Prydz** [CCZ<sup>+</sup>21, HWTN22, JCP<sup>+</sup>22, LCL<sup>+</sup>22, MMTT<sup>+</sup>20, MLH<sup>+</sup>22, RHP<sup>+</sup>19, SRS<sup>+</sup>20, VJP<sup>+</sup>10]. **Prymnesiophyte** [EWBW99].  
**Pseudo** [BV04, DRVVS<sup>+</sup>14, FHR<sup>+</sup>14, SZM10]. **Pseudo-nitzschia** [DRVVS<sup>+</sup>14, FHR<sup>+</sup>14, SZM10]. **Pseudocalanus** [BDR16, BGMH01, CDRB16, HK10, UFAK06]. **pseudococculinid** [YERT13]. **Pseudohongiella** [XZW<sup>+</sup>19]. **Psolidae** [MP17]. **PSP** [DPS<sup>+</sup>14, DTP<sup>+</sup>05, PTD<sup>+</sup>14, TDKA05]. **Psychropotes** [GRB<sup>+</sup>17].  
**pteropod** [BJF16, BDW<sup>+</sup>96, PTM<sup>+</sup>16]. **Pteropoda** [JBOH10]. **Pteropods** [TMW<sup>+</sup>05, HRM<sup>+</sup>11]. **pterotum** [WL20]. **Pu** [HA03, LLLP<sup>+</sup>03, MPS<sup>+</sup>03, PFG<sup>+</sup>03]. **public** [SRS<sup>+</sup>15]. **published** [MK19].  
**Publisher** [Ano03a, Ano03b]. **PUCK** [VKGQ<sup>+</sup>09]. **Puerto** [BFB<sup>+</sup>18, DAB<sup>+</sup>18, KBR18, LS18, RKB18, SLB18, SWL<sup>+</sup>18]. **pulse** [ZJA16].  
**Pulsed** [YNG<sup>+</sup>16]. **Pulses** [MSGO18, BCT21, RBH<sup>+</sup>20]. **Pump** [SWGPK17, ACFS02, Ber07, BL08, DLR<sup>+</sup>01, DP07, DBN<sup>+</sup>11, GCRW95, HBC<sup>+</sup>23, HIN<sup>+</sup>02, LR97, LBD<sup>+</sup>02, LCL<sup>+</sup>09]. **pumping** [CK10, TRM<sup>+</sup>15].  
**pumping/advection** [CK10]. **pumps** [GRC<sup>+</sup>03]. **purse** [JMP<sup>+</sup>19].  
**purse-seine** [JMP<sup>+</sup>19]. **pursuit** [KLM13]. **Putting** [RAF<sup>+</sup>11]. **PV** [MDM<sup>+</sup>13]. **pycnocline** [HHP04, RNP93]. **Pycnogonida** [ASMM11].  
**Pycnophyes** [AM15]. **Pygmy** [MGJ<sup>+</sup>18]. **Pygoscelis** [CHPF10, CWEHT22, NCR<sup>+</sup>08]. **pyrite** [Sch07]. **pyrolysis** [CYFB<sup>+</sup>06].  
**Pyrophaeophorbide** [BBDL98]. **Pyrophaeophorbide-** [BBDL98].  
**pyrosequencing** [XGL15].

**Quality** [DIM<sup>+</sup>12, ERB<sup>+</sup>99, MBB<sup>+</sup>02, MFH04]. **Quang** [NCT13].  
**Quantification** [BSG<sup>+</sup>02, FHW06, MMY<sup>+</sup>20, SM96a, YLBdR03, GRSW00].  
**quantify** [LWSA08]. **Quantifying** [BGS<sup>+</sup>08, GDC11, HHD<sup>+</sup>09, RG13, SSP14]. **Quantitative**

[GKB<sup>+</sup>18, KUT<sup>+</sup>20, SLHS20, ALH<sup>+</sup>01, EPK<sup>+</sup>10, RSGC25, WSL07, YFL<sup>+</sup>23].  
**quantities** [Ano05e, BU05]. **quantity** [NM18]. **quantum**  
 [MTBB00, SS01, VMBS03]. **quartz** [NAT<sup>+</sup>12]. **Quasi**  
 [GGLP02, MV19, RSSM19, ST13, CFR<sup>+</sup>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<sup>+</sup>14]. **quasi-synoptic**  
 [PPRL02, RG93]. **Quaternary**  
 [BW99a, BCA<sup>+</sup>03, Die07, EWA<sup>+</sup>03a, KT05, MT15, MPC99, OTK<sup>+</sup>05,  
 OTA<sup>+</sup>05, SLB<sup>+</sup>15, TT05, CSS<sup>+</sup>02, WSL07, Ber24, EWA<sup>+</sup>03b, MAK<sup>+</sup>16].  
**Queen** [WWB04]. **Quick** [LCW<sup>+</sup>07]. **quiescence** [GSB<sup>+</sup>03]. **QuikSCAT**  
 [OCKA<sup>+</sup>11]. **quotas** [TBB<sup>+</sup>11].

**R** [SLM98, CP22, CPM<sup>+</sup>18, RAB<sup>+</sup>17, Ste13]. **R.V.**  
 [RSD<sup>+</sup>97, SDB<sup>+</sup>97, SBvdL<sup>+</sup>02, dLWFB08]. **R/V**  
 [CP22, CPM<sup>+</sup>18, RAB<sup>+</sup>17, Ste13]. **Ra** [KLKB95, KL96c, RKS<sup>+</sup>95, SSR96].  
**Ra-derived** [KLKB95]. **race** [PST<sup>+</sup>05]. **radar**  
 [HZW<sup>+</sup>23, KL06, PCT18, SLP<sup>+</sup>09, SP09, YSWJ16]. **radar-derived**  
 [KL06, SP09]. **RADARSAT** [OCKA<sup>+</sup>11]. **RADARSAT-1** [OCKA<sup>+</sup>11].  
**radials** [SP09]. **radiance** [BY04, WGR<sup>+</sup>95]. **radiances** [HS93]. **Radiant**  
 [PLRV22]. **radiation** [BCG04, JMW<sup>+</sup>20, PPRHLF02, VTA<sup>+</sup>11, WW04a].  
**radiative** [Gre01, MHA<sup>+</sup>15, SN04]. **radio** [MML07, TPP<sup>+</sup>20].  
**radio-tracing** [TPP<sup>+</sup>20]. **radioactivity** [Liv95]. **Radiocarbon**  
 [DBJ97, SR08a, BDW<sup>+</sup>98, BA10, BWD20, DGB<sup>+</sup>98, KMS<sup>+</sup>02, MDB98].  
**Radiocarbon-derived** [SR08a]. **radioisotope** [HWS<sup>+</sup>07]. **radiolaria**  
 [WPJW96]. **radiolarian**  
 [ITT12, IOTS16, IUdV<sup>+</sup>12, IKR<sup>+</sup>12, MA05, OTK<sup>+</sup>05, PPC<sup>+</sup>07, TT05].  
**Radiolarians** [AN05, AN06, OTOH05, YTF02]. **radiometer**  
 [FRW00, LCW<sup>+</sup>07, PMLM<sup>+</sup>02]. **Radionuclide**  
 [SE95, Ano96f, CHL<sup>+</sup>95, CG18, PLS<sup>+</sup>03]. **radionuclides**  
 [Aar03, BDM<sup>+</sup>03, HPK<sup>+</sup>97, IPTH03, MHK<sup>+</sup>03, PDG<sup>+</sup>03, SEN<sup>+</sup>95, Tho97].  
**radiotracer** [VMGO<sup>+</sup>09]. **Radium** [CGM<sup>+</sup>07, vBBR<sup>+</sup>08, KM05a, SDLZ13].  
**RAFOS** [CMRI13, GMCR18, PR05, RG03, SRBR05]. **rafted**  
 [CLGM05, DF16, Heb00, SIA<sup>+</sup>05]. **Rain**  
 [MLR07, BAD<sup>+</sup>97, Mun07, RLPF07]. **rainfall** [KVL<sup>+</sup>19]. **raised** [YKN07].  
**Rajidae** [WST15]. **ramea** [OGJ<sup>+</sup>19]. **range** [ATI<sup>+</sup>23, CFK15, CLC<sup>+</sup>03,  
 FJR<sup>+</sup>20, NOFP14, PC98, SSP<sup>+</sup>09, SHC<sup>+</sup>22, SBE<sup>+</sup>99]. **ranging**  
 [BTLC98, DFMW13]. **Rapid** [DGMS96, LPA<sup>+</sup>95, LB14, OCL<sup>+</sup>08, PDSS96,  
 STP<sup>+</sup>16, ZFA<sup>+</sup>02, BZMC20, CLGM05, EHK<sup>+</sup>20, KMMS18, SP06, WPB<sup>+</sup>16].  
**rapidly** [AHV<sup>+</sup>17, LDG<sup>+</sup>23, MWFS17, Pas16]. **rapidly-sinking** [Pas16].  
**rapidly-warming** [AHV<sup>+</sup>17]. **Rare** [HOD<sup>+</sup>09, PPR07, BPPJ15, BG10,  
 CVA<sup>+</sup>13, FSCC07, Kha18, PPC<sup>+</sup>07, SBE<sup>+</sup>07, VOK<sup>+</sup>24, ZLJ08]. **Rare-earth**  
 [PPR07]. **Ras** [BMM<sup>+</sup>99]. **raschii** [HPL<sup>+</sup>12, PSS<sup>+</sup>16]. **rate**  
 [AELP14, ASF<sup>+</sup>12, BD06, CMG<sup>+</sup>11, DABMAMA04, LCW20, LAPL<sup>+</sup>16,

MW05a, PLRV22, PLPS98, SSWM18, ZQ97]. **Rates** [CM99a, CCK<sup>+</sup>16, GSMB01, PDT<sup>+</sup>10, PDT<sup>+</sup>11b, SGD14b, ASBM02, Ano96f, ASF<sup>+</sup>12, AMK<sup>+</sup>05, BK96a, BDBB07, Ber01, BFT<sup>+</sup>97, CRD01, CLC<sup>+</sup>03, CD09, CMNO23, CHL<sup>+</sup>95, Cra97, DSB<sup>+</sup>18, DPLB94, DTB<sup>+</sup>02, DLW<sup>+</sup>17, DOB<sup>+</sup>01, ER05, FVSRR14, GPÇ18, GLM04, GAC<sup>+</sup>02, HBT<sup>+</sup>08, HLNO96, HPK<sup>+</sup>97, IMP<sup>+</sup>02, Las93, LQF<sup>+</sup>02, LJL<sup>+</sup>17, LCL<sup>+</sup>98, LPA<sup>+</sup>95, Loh08, LAF<sup>+</sup>02, LM96, MISC<sup>+</sup>02, MHB<sup>+</sup>95, MLG<sup>+</sup>04, NS93, NSKG96, OMY<sup>+</sup>03, OHT12, OBWK01, PCDM11, PRC<sup>+</sup>09, PABH07, PFDD16, QB02, RRWR08, RSB<sup>+</sup>15, RCF<sup>+</sup>16, RN96, SR08a, SWC09, SW01, SEN<sup>+</sup>95, SBG<sup>+</sup>98, SBH<sup>+</sup>02, TS13, TBB<sup>+</sup>08, VSM17, WN01, Wal94a, WJS<sup>+</sup>10, WP00, ZCP<sup>+</sup>08, ZEGB97, vdLBB<sup>+</sup>02]. **ratfish** [KM15]. **ratio** [APLW09, CRS<sup>+</sup>19, DVS<sup>+</sup>97, GG93, MLR07, Mun07, RLPF07, SMS<sup>+</sup>07, WBM96, WO99, SLB13a]. **ration** [GFPM02, SH16]. **rationale** [KL96a]. **ratios** [PAM<sup>+</sup>04]. **Ratios** [BDNS03, BMRP02, CSGC03a, ÇYAYT06, CSS<sup>+</sup>02, HLFP08, HSH<sup>+</sup>13, MBL<sup>+</sup>15, NLY<sup>+</sup>13, NMS09, SML15, SZS<sup>+</sup>07, SSH<sup>+</sup>00, VCRDF99, WWN<sup>+</sup>02, WWW<sup>+</sup>02]. **ray** [AWL<sup>+</sup>09]. **rDNA** [LTG<sup>+</sup>09]. **Re** [Blu01, SM23, Mar18, MC15, YKSI19]. **re-assessment** [YKSI19]. **re-description** [Mar18]. **Re-establishment** [Blu01]. **re-evaluation** [MC15]. **Re-examining** [SM23]. **react** [VKGP<sup>+</sup>11]. **reactive** [AISR<sup>+</sup>16]. **Real** [PPL<sup>+</sup>07, DIM<sup>+</sup>12, DJCF09, EPK<sup>+</sup>10, FG07, GLK<sup>+</sup>06a, LWB<sup>+</sup>07, NLHB01]. **Real-time** [PPL<sup>+</sup>07, DJCF09, EPK<sup>+</sup>10, GLK<sup>+</sup>06a]. **realization** [Ben13]. **really** [HPS<sup>+</sup>13]. **realm** [BSB<sup>+</sup>99]. **realms** [CHN<sup>+</sup>10]. **reanalyses** [MKW11]. **reanalysis** [BSN18, HLR<sup>+</sup>09, Men23, OGRdO18]. **Reasearch** [MCS<sup>+</sup>03]. **reassessment** [SL06]. **recently** [RHL<sup>+</sup>16]. **Recirculation** [CBF<sup>+</sup>13, CBF<sup>+</sup>16, LB96, MB96, NI10]. **recognition** [BHK<sup>+</sup>10, SGD<sup>+</sup>14a]. **Recolonization** [CHV09]. **Recommendations** [PNS<sup>+</sup>09, MK19]. **reconciliation** [WWW<sup>+</sup>02]. **Reconciling** [CB09a, HBC<sup>+</sup>15, RBS17a]. **reconsideration** [CK24]. **reconstructing** [BW99a]. **Reconstruction** [KSH12, KY17, MDG13, BLI<sup>+</sup>09, DFA<sup>+</sup>20, FSG02, ID19, LLH<sup>+</sup>15, LXWC21]. **reconstructions** [AN05, AN06, MPB<sup>+</sup>18]. **Record** [YWW23, BIP<sup>+</sup>02, BA02, CSE<sup>+</sup>22, DW15a, DFA<sup>+</sup>20, DEK<sup>+</sup>08, GPÇ18, GBP00, GM22, Gre01, Gri13, KGS23, LDGH16, LWL<sup>+</sup>16, MCK<sup>+</sup>19, MG22, NCL13, PdBK<sup>+</sup>03, PDS00, ROPB03, SRAL<sup>+</sup>17, YKY<sup>+</sup>07, dMGPT<sup>+</sup>14]. **Record-breaking** [YWW23]. **recorded** [DLG<sup>+</sup>14, DFMW13, PDB<sup>+</sup>20, SSR<sup>+</sup>14]. **Recorder** [BL06, DGMS96, PG07, BCT21, WHLR13, ADGA01, AGP05, ADG<sup>+</sup>08, BDW<sup>+</sup>96, BWS<sup>+</sup>98]. **recorders** [CFGR07]. **recording** [BTLC98]. **Records** [MC12, AL14, CWP<sup>+</sup>15, DME<sup>+</sup>18, FLMF07, GMB18, KY17, LF07, MB18, OTK<sup>+</sup>05, RBB<sup>+</sup>97, SHS<sup>+</sup>12, SK07, TGU<sup>+</sup>06, WHLR13]. **recount** [OW09]. **recovered** [SKS<sup>+</sup>16]. **recovery** [EBM<sup>+</sup>18]. **recreational** [BHS<sup>+</sup>17]. **recruit** [SMV<sup>+</sup>13]. **Recruitment** [AI09, MMG98, BK96b, CM16a, CM16b, DABF<sup>+</sup>16, GEP<sup>+</sup>16, Gau07, GBS<sup>+</sup>22, HSFN13, KT06, RFF<sup>+</sup>02, SNMH18, SHN<sup>+</sup>07, SHB14, SSB<sup>+</sup>07, VCDAL14, WSB13, YERT13]. **recrystallization** [WKM<sup>+</sup>07a]. **recurrent** [BFG<sup>+</sup>10]. **recycling**

[ATD<sup>+</sup>11, HTA<sup>+</sup>17, LSUB94, RGTV97, SM00]. **red** [MBC<sup>+</sup>14, Men23, RAL04, RAR04, TBT05, WZ14, BKP<sup>+</sup>19, SJM02, ZSLL15, vC97].

**Redescription** [BPKJ15, JR11, MGE13, Mal15]. **Redfield** [DVS<sup>+</sup>97, SLB13a, WWW<sup>+</sup>02]. **rediscovered** [GJ11]. **redistribution** [SAA<sup>+</sup>17, SNPS01]. **redox** [FLT97, GLK<sup>+</sup>06a, HSB<sup>+</sup>16, HFL<sup>+</sup>15, KMLT06, Kos01, LAT<sup>+</sup>18, SM01, YCD<sup>+</sup>06]. **redox-sensitive** [HFL<sup>+</sup>15]. **redoxcline** [TSP<sup>+</sup>18]. **reduced** [SF24, SF08]. **Reducing** [HSSH23, LS17, AP22, JBR<sup>+</sup>18, LAT<sup>+</sup>18, MFM<sup>+</sup>18, RDV<sup>+</sup>09]. **reduction** [BSS<sup>+</sup>00, CV17, ESDM13, JS14, NVBJ08, PNS<sup>+</sup>09]. **REE** [CRS<sup>+</sup>19]. **Reef** [DSE<sup>+</sup>14, bLHsL<sup>+</sup>13, AHVB<sup>+</sup>17, BMSBM<sup>+</sup>17, HKY<sup>+</sup>13, PSB14, SF24, SSR<sup>+</sup>14, ZHY<sup>+</sup>13]. **reef-building** [PSB14, SF24]. **reefs** [AHVB<sup>+</sup>17, LOB<sup>+</sup>09, LWSZ13, MDTG13, NCT13, PCY<sup>+</sup>13, SGPD<sup>+</sup>14, WYIT13, ZMYS13, SEM16]. **reference** [CPH01, CSS<sup>+</sup>10, EMEP18, HIA<sup>+</sup>16, HSSN08, KBSS93, MPH<sup>+</sup>16, MM14, RH94, WTL<sup>+</sup>06, WR01]. **referencing** [BS05, BS06]. **reflect** [WLM23]. **reflectance** [SWR<sup>+</sup>95]. **reflected** [BVB<sup>+</sup>14b, SM00]. **reflection** [MR08, TSA<sup>+</sup>01]. **Reflections** [Hem99, Smi01]. **reflectivity** [JOD98]. **reflects** [FL02]. **REGAB** [BNP<sup>+</sup>09]. **regarding** [HBB<sup>+</sup>13]. **regenerated** [BCDV02]. **regeneration** [BCDV02, DBN<sup>+</sup>11, KL96c, MFG<sup>+</sup>04, OT03]. **Regime** [IPLCHRM19, BW04, BLS<sup>+</sup>03, JZ93, JPZ93, JRK<sup>+</sup>17, MCL<sup>+</sup>19, MBLM03]. **regimes** [BSX<sup>+</sup>15, BBE<sup>+</sup>13, BGG<sup>+</sup>09, CK03, CEG<sup>+</sup>11, DBJ97, LB07, LP14, MT15, RMCAR06, SM00, SP00, SHY<sup>+</sup>08, SHC<sup>+</sup>00, WLM23, WMW96].

**Region** [FGW02, GVW<sup>+</sup>19, HALV18, PUB<sup>+</sup>06, SBB<sup>+</sup>19, VSGM03a, AMN<sup>+</sup>02a, ARLA03, AFC<sup>+</sup>17, BLBW<sup>+</sup>11, BDW<sup>+</sup>96, Ber24, BSM01b, BCDV02, Cha03, CSW<sup>+</sup>17, CD20, CLPL<sup>+</sup>09, CSCP13, CLJ<sup>+</sup>13, CHR97, Cri95, CMPB18, DURP03, DNH<sup>+</sup>02, DWBP13, DSN<sup>+</sup>20, DO01, DJFK<sup>+</sup>22, DT08, DJ15, DDB<sup>+</sup>97, EHK09, EHK<sup>+</sup>20, GSMG04, GP08, GKB<sup>+</sup>18, HLR<sup>+</sup>09, HWTP07, dITGCAB<sup>+</sup>03, HiI<sup>+</sup>19, HiI<sup>+</sup>20, HTW14, HCG<sup>+</sup>01, IGN<sup>+</sup>10, IHSS<sup>+</sup>10, JDS<sup>+</sup>08, JC03, KCA05, KSH12, KYI10a, KYI10b, KFA<sup>+</sup>20, KUN10, KIN<sup>+</sup>10, KMO<sup>+</sup>10, KS10, KRAS24, LSB<sup>+</sup>02, LWB<sup>+</sup>20, LAJP13, LSHP01, LHKHH10, MDJS11, MMG<sup>+</sup>07, MSW<sup>+</sup>13, MFN<sup>+</sup>02, MLVM02, MNSMN<sup>+</sup>04, MMC11a, MT96, NSH<sup>+</sup>10, NKF<sup>+</sup>10, NCE<sup>+</sup>23, OPDM11, OvdRvA<sup>+</sup>22, OHS10, PDT11a, PWN<sup>+</sup>11, RVC<sup>+</sup>13a, RVC<sup>+</sup>13b, RT14, RH94, RGL<sup>+</sup>06a, SGD<sup>+</sup>14a, SGA<sup>+</sup>15, STK02, SF10, SAM<sup>+</sup>13, SF04, SRAs<sup>+</sup>24, SHN<sup>+</sup>07, SBB06, SM03, SMS<sup>+</sup>08, SFPH<sup>+</sup>08, SMPSG<sup>+</sup>04]. **region** [SBH<sup>+</sup>02, SMSI08, SKF<sup>+</sup>10, SFD04, SCPP05, TGLN93, Tho04, TMTR14, UW99, VJP<sup>+</sup>10, WMW<sup>+</sup>20, WL20, Wea93, WFW<sup>+</sup>17, WAK<sup>+</sup>12, WBBM01, WAM<sup>+</sup>18, WDG<sup>+</sup>02, YOK<sup>+</sup>10, YOO<sup>+</sup>10, YSWJ16, ZQ97, ZZM<sup>+</sup>13, ZTZ09, ZDW<sup>+</sup>20, vdLBB<sup>+</sup>02, SMV<sup>+</sup>03, VSGM03b]. **Regional** [BL00, Bro19, BAH<sup>+</sup>95, ESDM13, HBR11, KWW<sup>+</sup>12, LMvDA16, MHSV18, PABH07, SFB19, WSL<sup>+</sup>11, YKJ<sup>+</sup>15, ALWW04, BDWG02, BBN97, BWC<sup>+</sup>02, CPF<sup>+</sup>14, DKN<sup>+</sup>97, GWZ16, HSHM02, HKC<sup>+</sup>21, KWA<sup>+</sup>20, KYW20, LC16, LCS16, Pal04, PCAS05, RSC<sup>+</sup>09, SWO<sup>+</sup>01, SP00, SMH<sup>+</sup>11, Wil08, YQMB20, ZRC<sup>+</sup>11]. **Regional-scale** [WSL<sup>+</sup>11]. **regions**

[ATN<sup>+</sup>12, BH14, BS21, BK96b, CDM23, Dri09, HMS<sup>+</sup>13, HWP<sup>+</sup>11, JBOH10, KSM<sup>+</sup>11, KKVP15, KHL<sup>+</sup>17, MK19, NDG96, PNLF02, PNLFS03, Qué13, RHPC<sup>+</sup>19, SBM16, SCGB18, TBPS22, WW23, WAC<sup>+</sup>09, WZB<sup>+</sup>14, ZTZB09]. **regression** [PSK<sup>+</sup>14]. **regular** [VPP07]. **regulate** [ALSF<sup>+</sup>17, FBCN00]. **regulating** [CSW<sup>+</sup>17, MALT05, VGBGPA02]. **Regulation** [NL11, BSL<sup>+</sup>96, BMB<sup>+</sup>01, DCK01, DCF<sup>+</sup>11, HMS<sup>+</sup>03, KD00, RWRS08]. **Rehabilitation** [OKH<sup>+</sup>22, NCT13]. **rejection** [GDL22]. **related** [AYMSAS19, AI09, BDL<sup>+</sup>22, BGH<sup>+</sup>19, HMLS<sup>+</sup>06, HWCT08, IKR<sup>+</sup>12, KT06, Lar04, MAH<sup>+</sup>12, MSW<sup>+</sup>13, RSL05, RAL04, RAR04, SHN<sup>+</sup>07, SCB<sup>+</sup>16, VK04, WBBM01, YCA<sup>+</sup>20, ZWK<sup>+</sup>15]. **Relating** [PABH07]. **Relation** [SCD14, ARWM13, AFC<sup>+</sup>17, ADGA05, ADGA06, AMTE09, BFDB17, BFL00, BLE24, BDR<sup>+</sup>03, BM07, CJA<sup>+</sup>06, CVF11, CG18, CBA<sup>+</sup>05, DABMAMA04, DB02, ESWL20, FLTCV10, FHvFM08, FWZM12, FZW<sup>+</sup>13, GLCP12, GBLS00, HHH<sup>+</sup>14, HTS<sup>+</sup>09, HWCT08, HNRGL06, HPM02, HLM<sup>+</sup>01, IBK<sup>+</sup>11, JGM09, JRGLJ<sup>+</sup>19, KMOM19, Kos01, KSS<sup>+</sup>00b, LWA<sup>+</sup>04, LL14, LBGW97, LLT<sup>+</sup>00, MAB<sup>+</sup>01, MiSW08, MHM<sup>+</sup>14, OM98, OBA02, RR96, RMB05, RMCAR06, RCF<sup>+</sup>08, SVJRSON04, SvdLM95, SLT<sup>+</sup>11, SSV02, SGB<sup>+</sup>08, SP00, SGM<sup>+</sup>02, SFMG13, SPH<sup>+</sup>08, UY04, WPJW96, YHC<sup>+</sup>11, Yu03, ZFP<sup>+</sup>16, ZCG<sup>+</sup>12, Zon97]. **relations** [ODR<sup>+</sup>09, SYS05, YFL<sup>+</sup>23]. **Relationship** [CFL<sup>+</sup>99, PAM<sup>+</sup>14, SA14, SRC98, SZS<sup>+</sup>07, UPS04, Ano97b, BPKJ15, CRF04, CC03, CJF<sup>+</sup>12, DSO<sup>+</sup>97, FRW00, FJG<sup>+</sup>00, JML08, KBKW13, LPJ<sup>+</sup>16, Lin04, MB08, NISG05, NSY04, RHB<sup>+</sup>95, SWR<sup>+</sup>95, SI09, SH16, SHKW05, TKF16, WMS<sup>+</sup>96, WGG98, WWC<sup>+</sup>99, WR15, XSM<sup>+</sup>19, ZXH<sup>+</sup>13]. **Relationships** [ASF<sup>+</sup>12, HD02, LG98, LTH05, MORB<sup>+</sup>15, OCP18, RDBP14, BGKB06, BOKA16, CDRA08, DC96, FB14, HCL<sup>+</sup>22, HGK<sup>+</sup>18, KWPB15, LMKL09, MGS<sup>+</sup>10, SGB14, SFG98, SCM<sup>+</sup>09, WH98]. **Relative** [Ben13, BCKH07, BFS<sup>+</sup>17, BLG15, CMC11, CP05, CHH19, DB97a, FHW06, GDM<sup>+</sup>25, KR11, LCD<sup>+</sup>24, LB18, NCSB<sup>+</sup>98, Pas18, SKMDR02, TYBY06, TAB<sup>+</sup>05, VBM<sup>+</sup>19, YBC<sup>+</sup>17, YSHS08]. **relatively** [THT11]. **relaxation** [GWL<sup>+</sup>15, KGB06, PCT18]. **relaying** [HBM<sup>+</sup>07]. **Release** [BL01a, GBH<sup>+</sup>01, GSMB01, BBL<sup>+</sup>13, HKY<sup>+</sup>13, KJB<sup>+</sup>08, LZM<sup>+</sup>13, TA01, vdMLB<sup>+</sup>11]. **relevance** [JKJ<sup>+</sup>22, LVP<sup>+</sup>17]. **relevant** [MLVM02, Rai14]. **RELO** [WJR<sup>+</sup>16]. **Relocatable** [TFP<sup>+</sup>16]. **remains** [YERT13]. **remarks** [Kam18, MT11]. **remineralisation** [WP00]. **Remineralization** [SSM<sup>+</sup>00, ADAM02, BAD<sup>+</sup>97, BPB<sup>+</sup>94, CHN<sup>+</sup>10, CCZ<sup>+</sup>21, DJS<sup>+</sup>08, HFD<sup>+</sup>23, JDS<sup>+</sup>08, JDD<sup>+</sup>11, OENB01, SMCA01, SD96, TVL<sup>+</sup>00, WWW<sup>+</sup>02]. **Remote** [GPMZ<sup>+</sup>10, HSM<sup>+</sup>01b, MGR03b, ACG19, BOH<sup>+</sup>04, Car10, Car01, HCHD09, IS07, JEK<sup>+</sup>15, MMT08, NR06, PBFS06, PWTH15, PDB<sup>+</sup>16, RBH<sup>+</sup>20, RN06, SM96a, TBPS22, THV<sup>+</sup>99, VSV<sup>+</sup>97, WPAP01, WAK<sup>+</sup>12, Yu03, ZKSS06]. **Remote-sensing** [GPMZ<sup>+</sup>10]. **Remotely** [BHMK08, BMM<sup>+</sup>99, MCH<sup>+</sup>13, SMBM99, DDB<sup>+</sup>17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA<sup>+</sup>99, PW12, SRW<sup>+</sup>10, TSPH09, UY04].



**remotely-sensed** [PW12, SRW<sup>+</sup>10]. **removal** [HCBP97, Hat02a, HBCC13, PCDM11, SSH<sup>+</sup>00]. **Removing** [MTT<sup>+</sup>12]. **renewable** [CWE<sup>+</sup>17]. **renewal** [TH99]. **reoccupation** [BDM<sup>+</sup>03]. **reorganization** [YK16]. **repackaging** [WSB08]. **repair** [PTM<sup>+</sup>16]. **repeat** [PRB<sup>+</sup>11]. **Repeated** [PSK<sup>+</sup>14, WOM<sup>+</sup>16]. **Repeated-measures** [PSK<sup>+</sup>14]. **repetition** [CMG<sup>+</sup>11]. **repetitive** [BJSH14]. **replenishment** [MBC<sup>+</sup>20]. **replicated** [VSFF09]. **Reply** [JW05a, PTMH16]. **report** [CB18, STFL<sup>+</sup>13]. **represent** [Ano05e, BU05]. **Representation** [KCO<sup>+</sup>19, Arm03, KxF22, MKW11]. **representative** [AM18, GASGB<sup>+</sup>14, VSR<sup>+</sup>10]. **reprocessing** [KB95]. **reproduce** [SMH<sup>+</sup>06]. **Reproducing** [HCG<sup>+</sup>09, SHM<sup>+</sup>01]. **Reproduction** [CGD<sup>+</sup>15, PL04, PSB14, SW09, BTC13, DEJ08, GGDF08, LYN<sup>+</sup>13]. **Reproductive** [FARLR<sup>+</sup>13, GTSC08, QRE<sup>+</sup>17, ROS<sup>+</sup>17, RDBP14, WF13, WYL<sup>+</sup>20, BBE<sup>+</sup>13, EGMB13, HSBT19, HH03, RRK<sup>+</sup>20, RHM13, SRFR07, TGU<sup>+</sup>06, VHM17]. **Reptantia** [CP18a]. **requirements** [BSG<sup>+</sup>02, VAMPR<sup>+</sup>17]. **Res** [AN06, CM16a, CBF<sup>+</sup>16, DTWW21, ENM<sup>+</sup>16, ELG<sup>+</sup>22a, GAL<sup>+</sup>20, HiII<sup>+</sup>20, Mun16, RSCFT<sup>+</sup>16, RAF<sup>+</sup>14a, RDC<sup>+</sup>18a].  
**Research** [Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, Beg18, BS06, CGG<sup>+</sup>12, CC00, CDB94, DB16, EWA<sup>+</sup>03a, LLM<sup>+</sup>03, MAA<sup>+</sup>05, MSV18, PNLFS03, RVJG<sup>+</sup>05, SSK<sup>+</sup>07, Ste10, SMGB03, TTU01, VSGM03a, WJD<sup>+</sup>00a, ZDO19, Ano96d, BC08, BFL<sup>+</sup>20, BFD<sup>+</sup>23, BCW03, CP22, CLMK13, CPM<sup>+</sup>18, Col16, DABF<sup>+</sup>16, EAB<sup>+</sup>20, GBS<sup>+</sup>22, HAE<sup>+</sup>17, HD14, LBD<sup>+</sup>22, Lut15, MHO02, MBT<sup>+</sup>14, MFH04, MV23, Mur06, POA<sup>+</sup>16, SPW<sup>+</sup>22, WMA11, Zim19]. **Reserve** [bLHsL<sup>+</sup>13]. **reserves** [DWG<sup>+</sup>15]. **reservoir** [KFTE14, LW15]. **reservoirs** [RDC<sup>+</sup>18a, RDC<sup>+</sup>18b]. **residence** [PHE<sup>+</sup>18, PHDK11]. **residency** [LWO<sup>+</sup>09]. **resident** [OMAA18, MT98]. **Resilience** [WWC<sup>+</sup>19, HSSH23, ST07, YD09]. **Resolution** [DIM<sup>+</sup>12, LCW<sup>+</sup>07, MDI<sup>+</sup>12, AELP14, BKY<sup>+</sup>17, BSM01b, CJM<sup>+</sup>22, DJCF09, DKZP16, GDE<sup>+</sup>96, GBP00, GLK<sup>+</sup>06a, HBT<sup>+</sup>08, KIY<sup>+</sup>05, LHX<sup>+</sup>22, LDX<sup>+</sup>23, MCSF15, NHD11, NBBBT13, PMLM<sup>+</sup>02, RAC<sup>+</sup>20, SC10, SBS<sup>+</sup>00, SKD<sup>+</sup>16, VT09, WMB<sup>+</sup>13, WLD<sup>+</sup>07, YMMC11]. **resolved** [HDW<sup>+</sup>20, SLT<sup>+</sup>11]. **resolving** [MDM<sup>+</sup>13, OGRdO18]. **resonance** [NAT<sup>+</sup>12]. **resonant** [CMJ<sup>+</sup>18, WWL02]. **Resource** [SBQ<sup>+</sup>02, DMFB19, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16]. **resources** [ADRS19, BCG<sup>+</sup>22, GLF<sup>+</sup>03, HD17, KBVM13, SID19, Wei07, WYT19, ZS19]. **Respiration** [KCD<sup>+</sup>17, NSKG96, Ano97c, BMHR08, BFML<sup>+</sup>08, CSGC03b, DRBM97, DO01, DOB<sup>+</sup>01, DKGT04, DDK<sup>+</sup>00, DDB<sup>+</sup>97, GSW<sup>+</sup>09, KCY<sup>+</sup>16, KKK<sup>+</sup>17, KHC<sup>+</sup>09, LMM<sup>+</sup>97, NS93, PZT<sup>+</sup>19, RiBW99, RWZ<sup>+</sup>02, RBP<sup>+</sup>94, SFR<sup>+</sup>06, SBSH99, WCB98]. **respiratory** [NS93]. **respond** [PWR05]. **Response** [AS01a, AS95, CLC<sup>+</sup>98, CMP14, DRRBC16, DBH<sup>+</sup>20, FMC<sup>+</sup>20, HZK<sup>+</sup>05, IARR01, JMN<sup>+</sup>15, KTSI07, KMO<sup>+</sup>10, LYN<sup>+</sup>13, ORFA<sup>+</sup>14, PW05, PGS14, RJM<sup>+</sup>15, RAC<sup>+</sup>20, TWN<sup>+</sup>06, WREC18, ZHX<sup>+</sup>16, dLC<sup>+</sup>14, AHR<sup>+</sup>06, AYMSAS19, Arm03, AMH<sup>+</sup>24, AAL<sup>+</sup>17, BS03, BBL<sup>+</sup>13,

BLH05, BMB<sup>+</sup>18, BEB11, BBV00, BLS<sup>+</sup>08, CAGL13, CHL<sup>+</sup>15, CLW<sup>+</sup>23, CL15, CWTJ03, CB00b, CMJ<sup>+</sup>18, DWBP13, DP02, DVPR06, DBS98, Dri09, DSC<sup>+</sup>01, DSYH09, EWP<sup>+</sup>99, FBBW<sup>+</sup>10, HRM<sup>+</sup>06, Har06, HTPM14, HKN<sup>+</sup>09, HZYZ10, HZN<sup>+</sup>16, HV03, JZX10, KTL<sup>+</sup>00, KIS02, KHL<sup>+</sup>01, KNN<sup>+</sup>06, KNC<sup>+</sup>09, KCL20, LL01, LSS<sup>+</sup>11, LJBF00, LGF03, LHZJ13, LB98b, LD07, MDTS11a, MBLM03, MARFP08, NI10, NOFP14, NGF09, NSvH<sup>+</sup>11, PHS<sup>+</sup>11a, PHS<sup>+</sup>11b, Pfa93, PST<sup>+</sup>05, PZK<sup>+</sup>05, RGH<sup>+</sup>24, ROC<sup>+</sup>21, SD06a, SLS17, SVS93, ST13, SL15b, SRP<sup>+</sup>98, SCD<sup>+</sup>22, Thi05, TKF07, TSN<sup>+</sup>06, WPB<sup>+</sup>16, WFR<sup>+</sup>02, WSB13, WLD<sup>+</sup>06]. **response** [WBI<sup>+</sup>01, WLH<sup>+</sup>16, Yu03, ZPT<sup>+</sup>13, ZT00]. **Responses** [BOHW22, BSRM08, GO15, GHM<sup>+</sup>12, HNK<sup>+</sup>12, NHS<sup>+</sup>09, PDE<sup>+</sup>16, STF09, SVD97, ZG15, vFvdBB<sup>+</sup>02, Ber24, BGWF08, CHH<sup>+</sup>21, GLF<sup>+</sup>03, GGCM17, GLdS<sup>+</sup>09, HSSH23, HWK<sup>+</sup>14, KHE<sup>+</sup>11, LG00, LDS<sup>+</sup>08, LG09, LSS<sup>+</sup>07, MCL<sup>+</sup>19, MAT<sup>+</sup>12, MHP<sup>+</sup>07, MBG09, NLS<sup>+</sup>10, PCL22, Roy05, SMH<sup>+</sup>06, SZH20, STS<sup>+</sup>15, TSMS09, VSD<sup>+</sup>97, WHC24, ZOB<sup>+</sup>96]. **responsible** [EBGCL08, RDC<sup>+</sup>18a, RDC<sup>+</sup>18b]. **resting** [AJG<sup>+</sup>10, ESAG10, MTK05, PBG<sup>+</sup>10, RGHN<sup>+</sup>97, TIS<sup>+</sup>13]. **result** [PE17, TWL<sup>+</sup>15]. **resulting** [MBF<sup>+</sup>98, OLP<sup>+</sup>20]. **Results** [AA15, Ano06f, AAL<sup>+</sup>17, BBB<sup>+</sup>07, BL08, CHH<sup>+</sup>21, CSCP13, DJS<sup>+</sup>08, DSW20, GGM<sup>+</sup>16, KMD<sup>+</sup>11, KWH<sup>+</sup>05, LCW<sup>+</sup>07, MALT05, MBW<sup>+</sup>08, MNR<sup>+</sup>11, MLBB14, MSSD93, MSA<sup>+</sup>14, PHS<sup>+</sup>11b, RCW<sup>+</sup>15, Sco05, SBS<sup>+</sup>08, SESS08, TAB<sup>+</sup>16, VKGQ<sup>+</sup>09, WMC06, BNM08, BFF94, BTLC98, BCA<sup>+</sup>03, CFR<sup>+</sup>14, CAS<sup>+</sup>97, CES98, CMC<sup>+</sup>05, CJF<sup>+</sup>98, FR10, Gut06, HBB<sup>+</sup>13, Jen03, KJB<sup>+</sup>08, LK98, LMB<sup>+</sup>98, LSU04, NL11, NW01, Osc01, PLS<sup>+</sup>03, SMY<sup>+</sup>98, Sch02a, SYS05, SGB<sup>+</sup>02, TTU01, Thu98, VHS97, WW04a, ZNM<sup>+</sup>02, LAJP13]. **resurge** [OM02]. **resuspension** [BAD<sup>+</sup>14, CWFP94, MPPR14, PAM<sup>+</sup>14, ZDA<sup>+</sup>16]. **retain** [DLWW23]. **Retention** [JKJ<sup>+</sup>22, BMK<sup>+</sup>13, CMC11, JPC06, LM01, MTGY05, PSS<sup>+</sup>16, RGL<sup>+</sup>06a, VLK06, ZTZ09]. **reticulatum** [dSVC<sup>+</sup>14]. **retreat** [LDW22, NSWY20, NYH<sup>+</sup>20, OACA19, PSA14, RHB<sup>+</sup>95]. **Retrieval** [PTA<sup>+</sup>99]. **Retrospective** [KTSI07, CFL<sup>+</sup>16, LSGM02, OAH<sup>+</sup>16]. **Return** [BRL<sup>+</sup>03, NGS<sup>+</sup>15]. **returns** [MHG<sup>+</sup>17]. **reveal** [GNG<sup>+</sup>22, HCBL<sup>+</sup>17, MBC<sup>+</sup>09a, RMBW07, SSB<sup>+</sup>17]. **revealed** [BCN<sup>+</sup>17, BHHM<sup>+</sup>12, BFK<sup>+</sup>14, CDJ<sup>+</sup>22, CHV<sup>+</sup>15, DFJ18, DBL<sup>+</sup>19, FHYI03, HRSJ23, HXF<sup>+</sup>23, KVPK20, MSJS08, PFdSG11, SGP<sup>+</sup>11, WSM<sup>+</sup>22, XGL15, YCT<sup>+</sup>22]. **Revealing** [NKA<sup>+</sup>11]. **reveals** [CCM<sup>+</sup>20, DMC<sup>+</sup>17, HNS<sup>+</sup>11, KBK<sup>+</sup>18, LWB<sup>+</sup>07, PDY20, WTT<sup>+</sup>20]. **reversals** [SRP<sup>+</sup>98]. **Review** [BMR<sup>+</sup>14, LMM<sup>+</sup>97, NM18, Ano99n, BSX<sup>+</sup>15, FAC<sup>+</sup>24, GLF<sup>+</sup>03, GKB19, MK19, MM14, Rai14, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, SVB<sup>+</sup>19, VAT23, VMGO<sup>+</sup>09, ŽSN<sup>+</sup>18, Zon07, Ano97c]. **Reviewer** [Ano09c]. **Reviewing** [MS06b]. **revising** [HWN<sup>+</sup>04]. **revision** [MM15]. **revisited** [BBR<sup>+</sup>10, BJSH14, Bor01, EW99, Jaž15, LS12, MPS<sup>+</sup>03, PWCL98, WR09]. **Revisiting** [BHT22, IPLCHRM19, SLB13a, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, DeM02]. **reworked** [Thi98]. **reworking** [JWC09]. **Reyes** [VLK06]. **Reykjanes**

[PGFP<sup>+</sup>08]. **Reynolds** [HS05b]. **Rhône** [Tho97]. **Rhachotropis** [LJB18]. **rheological** [JS14]. **Rhizaria** [DBR22, GdSP11]. **Rhone** [NC97]. **Ría** [DRVVS<sup>+</sup>14]. **ribbon** [CMBPM04]. **Rich** [KFS<sup>+</sup>17, SBE<sup>+</sup>07, DZL<sup>+</sup>17, GGT<sup>+</sup>02, KCD<sup>+</sup>17, MD17, Men23, ODP<sup>+</sup>17, TTD13, VD98]. **Richardson** [Gre08]. **richness** [HDK08]. **Rico** [BFB<sup>+</sup>18, DAB<sup>+</sup>18, KBR18, LS18, RKB18, SLB18, SWL<sup>+</sup>18]. **Ridge** [GNT<sup>+</sup>17, MTB09, OTN16, SKS<sup>+</sup>16, SBP13, WMB<sup>+</sup>13, WOM<sup>+</sup>16, BMH08, BFA<sup>+</sup>08, BSJ13, HRSJ23, KOO<sup>+</sup>24, MMM<sup>+</sup>13, RCCP13, SL15b, SPH<sup>+</sup>08, WH98, ABD<sup>+</sup>13, ARB<sup>+</sup>13, ACD<sup>+</sup>17, BJA13, BBR<sup>+</sup>18, CVA<sup>+</sup>13, CG21, CPW<sup>+</sup>18, CSGV13, CSCP13, CLJ<sup>+</sup>13, CBB<sup>+</sup>98, CLB13, DRR17, DONF08, Dud06, DHST13, EQW<sup>+</sup>13, FBL<sup>+</sup>98, FVW08, FCBD08, FD98, GGF<sup>+</sup>08, GGDF08, HIK<sup>+</sup>08, HRX17, HTD13, HSY08, JAP<sup>+</sup>13, JBS<sup>+</sup>98, KJB<sup>+</sup>08, KPBK08, LBSB<sup>+</sup>17, LDBS<sup>+</sup>17, LAJP13, MBF<sup>+</sup>98, MCB<sup>+</sup>15, MSW<sup>+</sup>13, MC18a, MGK<sup>+</sup>17, MBMGK08, MR15, NHS<sup>+</sup>13, OGBF08, PHM06, PGFP<sup>+</sup>08, PPFS17, PBB<sup>+</sup>13, RSW<sup>+</sup>13, RLB18b, RT20, Rog17, SLdB<sup>+</sup>15, SHB02, STB<sup>+</sup>17, SGB<sup>+</sup>08, SBK08, SS99a, SHY<sup>+</sup>08, VTD<sup>+</sup>20, VHT<sup>+</sup>20, WH98, WJ02, dLWFB08, WACGH11, YSC<sup>+</sup>20, YSHS08, ZWK<sup>+</sup>15, ZRC<sup>+</sup>11, Bak98, CES98, KLLO98, RSP<sup>+</sup>98, SB98]. **ridges** [BBG15, CL15, GBI10, ULH<sup>+</sup>21]. **rifted** [HZMH07]. **Riftia** [BY09]. **Riga** [OT10]. **right** [BEC<sup>+</sup>96]. **rigorous** [YFL<sup>+</sup>23]. **Ring** [MFE<sup>+</sup>02, DKdS<sup>+</sup>03, Gol93, RYT01, vAvVV<sup>+</sup>03, SBZ<sup>+</sup>03]. **ringens** [MGGMT19]. **Ringiculidae** [CKFC18]. **Rio** [HCBL<sup>+</sup>17]. **Rise** [DLHH11, HCBL<sup>+</sup>17, BRW00, BCA<sup>+</sup>03, DBDT03, ANS<sup>+</sup>11, BBB<sup>+</sup>11a, Har11, MSNL09, MMG98, NLSL09, NHD11, PZL<sup>+</sup>09, PWN<sup>+</sup>11, RHD<sup>+</sup>11, SFV<sup>+</sup>98, WACGH11, ZRC<sup>+</sup>11]. **Risk** [DMC<sup>+</sup>17, CWSH20, HSSH23]. **risks** [DCD<sup>+</sup>14]. **Rissa** [VM13]. **Risso** [KG20, VFFM13]. **River** [ARWM13, LG15, MWS<sup>+</sup>15, MM97, NC97, RDdL<sup>+</sup>13, YZZ<sup>+</sup>19, ZZY<sup>+</sup>19, ZG15, DGP20, GF97, LFPC14, OCP18, HMSMK04, KCA05, MHG<sup>+</sup>17, NAT<sup>+</sup>12, VBM<sup>+</sup>19, VPA<sup>+</sup>09, ZPG14, ZSLL15]. **Riverine** [SP19a, ATM<sup>+</sup>07, BS21, UIS<sup>+</sup>03, WLM23]. **RNA** [NLY<sup>+</sup>13]. **road** [JBB<sup>+</sup>13]. **Roanu** [KDSR19]. **Robert** [SLM98]. **Robinson** [Ano97c]. **robust** [LWSA08]. **robustus** [GPCC<sup>+</sup>17]. **Rock** [BSS<sup>+</sup>17, MAR<sup>+</sup>17, PDC<sup>+</sup>21]. **Rock-Eval** [BSS<sup>+</sup>17]. **Rockall** [SKdS<sup>+</sup>14]. **rocket** [OSG<sup>+</sup>13]. **rockfish** [CSM13b]. **rocks** [SKS<sup>+</sup>16]. **rocky** [CMP14, SKL<sup>+</sup>22]. **rod** [Arm03]. **roe** [DVC14]. **roe-on** [DVC14]. **Role** [ACG<sup>+</sup>01, AKBD13, DGS<sup>+</sup>05, MN10, MML06, Rod13, SLS<sup>+</sup>10, SPB<sup>+</sup>14, WPD22, AM02, BFF<sup>+</sup>07, Boy02, BES95, CTBNL08, CBB<sup>+</sup>95, CNOC13, CSS<sup>+</sup>22b, CPEN08, DMJ93, DH97, ESAG10, FJR<sup>+</sup>20, GOD<sup>+</sup>01, GGRW99, GDYW02, HDF<sup>+</sup>01, HBC<sup>+</sup>12, HWS<sup>+</sup>13, ILWH03, JBS<sup>+</sup>13, KPPL00, KLKB95, LLR<sup>+</sup>06, Lar04, LFC16, LV17, MTE<sup>+</sup>02, MMMC07, MZR<sup>+</sup>95, MST<sup>+</sup>14, PBS06, PP93, PA95, PL04, PS19, RHI00, Rog00, RGL<sup>+</sup>06a, SSLP95, SLT<sup>+</sup>14, SSR96, STS11, TAL<sup>+</sup>12, TP96, VM01, XWZ24, YOR13]. **Roles** [DSD12, NSLAP<sup>+</sup>17, NA13, PPL<sup>+</sup>07, SE96, SGC03, TLW<sup>+</sup>94]. **ROM** [Ano96d, CDB94, RSD<sup>+</sup>97]. **Rona** [Lut15, SL15a]. **Rosetta** [BOJ<sup>+</sup>10].

**rosette** [SHF<sup>+</sup>95]. **rosmarus** [YBC<sup>+</sup>17]. **Ross**  
 [BLB<sup>+</sup>11, GOM<sup>+</sup>09, LCD<sup>+</sup>24, LPAR24, AvD04, BS01, BDO00, CSZ<sup>+</sup>25,  
 CBCT09, CHPS00, CDL<sup>+</sup>00, CWTJ03, CB01, CBC02, CBB<sup>+</sup>00, CDH<sup>+</sup>00,  
 CL06, DGA<sup>+</sup>11, DMC<sup>+</sup>01, DKS03, DKS11, DDK<sup>+</sup>00, DCC<sup>+</sup>01, DFK<sup>+</sup>06,  
 FS24, FAC<sup>+</sup>24, FJG<sup>+</sup>00, FA03, GRS00, GBH<sup>+</sup>17, GCJ<sup>+</sup>00, GDM<sup>+</sup>25,  
 KMD<sup>+</sup>01, KFKZ24, LCVV06, LCDS00, MBG<sup>+</sup>24, MBDB<sup>+</sup>24, OMG<sup>+</sup>11,  
 OW09, PHOM09, RI25, SCM<sup>+</sup>02, SMHB00, SDKH03, SDMC03, SSP<sup>+</sup>06,  
 SYZ<sup>+</sup>24, SHC<sup>+</sup>00, SSH<sup>+</sup>00, TDCV<sup>+</sup>06, VMBS03]. **Rossby**  
 [BSS<sup>+</sup>02, CK10, HGM<sup>+</sup>11, KVPK20, MV19, Ver13]. **Rotating**  
 [PFW<sup>+</sup>09, CJ19, FMFW07, Joh19, TCM<sup>+</sup>22, WMH<sup>+</sup>07]. **rotation** [Pra04].  
**Rothera** [LPAR24]. **roughness** [SDL22]. **round** [CBK<sup>+</sup>22, DSC<sup>+</sup>01]. **route**  
 [CRJ<sup>+</sup>08, MKS<sup>+</sup>20]. **routines** [PNS<sup>+</sup>09]. **Routing** [DLF09a]. **ROV**  
 [DDB<sup>+</sup>17, LAJP13, MCH<sup>+</sup>13, NDE14, RHK<sup>+</sup>10, RSH10, TGU<sup>+</sup>06]. **rRNA**  
 [BFK<sup>+</sup>14, LTG<sup>+</sup>09, MGT16, RSF<sup>+</sup>99, XGL15]. **rRNA-derived** [LTG<sup>+</sup>09].  
**rRNA-targeted** [MGT16]. **RTV** [CHU<sup>+</sup>00]. **rubra** [UC13]. **rules**  
 [WTI<sup>+</sup>20]. **Running** [SCH<sup>+</sup>19b, SCH<sup>+</sup>19a]. **runoff**  
 [CFL<sup>+</sup>16, DGP20, HSPS24, KC04, LFPC14]. **RUSALCA** [BIH10]. **Russia**  
 [BEZ<sup>+</sup>22, Mas02]. **Russian** [BM15, Mal04, SL15a]. **RV** [BM15, EMG<sup>+</sup>15].  
**Ryder** [BLO<sup>+</sup>17, LBM<sup>+</sup>17]. **Ryukyu** [DAN23, ATI<sup>+</sup>23].

**S** [Ano97b, Ano97c, LPS14, MAA<sup>+</sup>05, ONSSVGR04, SSV02, Bol08, CDJM04,  
 CM99b, DI00, FUGG<sup>+</sup>09, GHIM04, GCB04, HMW00, HMSMK04, KNK15,  
 KR95, LKC96, MHG<sup>+</sup>04, MK96, MFG<sup>+</sup>04, MF09, MAA<sup>+</sup>04, OA11, WDG<sup>+</sup>02].  
**S-PALACE** [HMSMK04]. **S**. [Di 10, SNH<sup>+</sup>23]. **s.l** [CP18a]. **s.l.** [Mar13]. **S1**  
 [ID19]. **Sable** [GPC14, SSG14]. **sablefish**  
 [CM16a, CM16b, GSC<sup>+</sup>19, RDSA<sup>+</sup>21, SHB14]. **Sabrina** [WMP<sup>+</sup>11]. **sac**  
 [GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10]. **sac-spawning** [GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10]. **Safe**  
 [GBI10]. **Safety** [ZDP<sup>+</sup>16]. **saffron** [HCAK17]. **Sag** [MWS<sup>+</sup>15].  
**Sagartiidae** [SSK<sup>+</sup>23]. **sagax** [CDG00, PRORSV<sup>+</sup>19]. **SAGE**  
 [Ano11b, CMRL11, Had11, HLS<sup>+</sup>11, KHE<sup>+</sup>11, LSS<sup>+</sup>11, PHS<sup>+</sup>11a, PHS<sup>+</sup>11b,  
 SHL<sup>+</sup>11, SWLW11]. **Saharan** [GMC97, HZK<sup>+</sup>05, PMLM<sup>+</sup>02]. **saida**  
 [CMNO23, CSS<sup>+</sup>22b, DTWF17, EGOO22, HTPM14, HCAK17, MEB<sup>+</sup>23,  
 ODR<sup>+</sup>09]. **sailing** [MTG18]. **saira** [TSB<sup>+</sup>14]. **Sakai** [Mar18]. **Saline**  
 [KL96b]. **salinities** [BS05, BS06]. **Salinity** [MZG<sup>+</sup>24, AYMSAS19, ACG19,  
 BZS<sup>+</sup>16, BL96, EOB03, ER05, FHP94, HDGM19, KT06, KMG<sup>+</sup>20, KVL<sup>+</sup>19,  
 PS23, PC00, PSE<sup>+</sup>93, RAS23, RR10, SPH<sup>+</sup>03, SKMS08, Zon97]. **Salish**  
 [DBC<sup>+</sup>19]. **Salmon** [MHG<sup>+</sup>17, ARWM13, ABC<sup>+</sup>05, AMK<sup>+</sup>05, BLH05,  
 CBA<sup>+</sup>05, DMFD19, DMFB19, FMC<sup>+</sup>20, KUT<sup>+</sup>20, KKUK10, KMOM19,  
 LWO<sup>+</sup>09, MBC<sup>+</sup>09b, OSM<sup>+</sup>20, RNB07, SMBL19, SAB08, TBH09, VBM<sup>+</sup>19,  
 VSM17, WBA<sup>+</sup>17, YK05]. **salmonid** [Man94, SAB08]. **Salp**  
 [KSL<sup>+</sup>04, PFP02, Pak04, IPH<sup>+</sup>17]. **Salp/krill** [PFP02, Pak04]. **Salpa**  
 [KCMT<sup>+</sup>20, PH17]. **salps** [DB97b, LDGH16, RSR05]. **salt**  
 [BCBF03, CWB02, Jen03, LBM98, LBY<sup>+</sup>10, MAR<sup>+</sup>17, TP99]. **salt-induced**  
 [MAR<sup>+</sup>17]. **saltatory** [RG06b]. **same** [Ano05e, BU05]. **sample** [LTG<sup>+</sup>09].

sampled [ZA16]. **sampler** [BDW<sup>+</sup>96, BKY<sup>+</sup>17, LDHO<sup>+</sup>14]. **samples** [CMA<sup>+</sup>09, ETP<sup>+</sup>16, Ell93, HAP03, LCL<sup>+</sup>09]. **Sampling** [FH09, HLR<sup>+</sup>09, PFW<sup>+</sup>09, RDL<sup>+</sup>09, BCN<sup>+</sup>17, BHMk08, BKY<sup>+</sup>17, BL06, CDG00, CB09b, CM99b, GWP<sup>+</sup>98b, HSM11, KOM17, LHS96, LBM09, MLW<sup>+</sup>01, PBB<sup>+</sup>13, ROB<sup>+</sup>17, ROBV<sup>+</sup>18, SHM<sup>+</sup>11, SLB13b, TRM<sup>+</sup>15, VALW23, WBM<sup>+</sup>10]. **San** [MML06]. **Sanctuary** [PMF<sup>+</sup>17, LPA<sup>+</sup>17]. **sand** [BDL<sup>+</sup>22, SLLT10]. **Sanders** [BDG<sup>+</sup>04]. **Sandwich** [BJK<sup>+</sup>22, BCG<sup>+</sup>22, BN04, CWEHT22, CHH<sup>+</sup>22, HSR<sup>+</sup>22, HSD04, JSWB21, LTW<sup>+</sup>22, SHC<sup>+</sup>22, TM22, VVV04a, LRL<sup>+</sup>22]. **sanguinea** [OM14]. **Santa** [MDC<sup>+</sup>10, BFT10, CMVS<sup>+</sup>10, DCC<sup>+</sup>17, ESL<sup>+</sup>10, GBG15, KTL<sup>+</sup>00, MPB<sup>+</sup>18, OS04, RVD<sup>+</sup>10, SC10, Thu98]. **Santo** [MAR<sup>+</sup>17]. **Santos** [DCH04]. **Sanya** [bLHsL<sup>+</sup>13, ZHY<sup>+</sup>13]. **São** [GNT<sup>+</sup>17, MAR<sup>+</sup>17, MNM<sup>+</sup>17]. **sapropel** [ID19]. **SAR** [OCKA<sup>+</sup>11, TAB<sup>+</sup>16]. **Sarcodina** [PPC<sup>+</sup>07]. **sardine** [CDG00, MRSLM<sup>+</sup>19, PRORSV<sup>+</sup>19, SSP14, SGI<sup>+</sup>19, SM03, YK05]. **Sardinella** [SNH<sup>+</sup>23, SWK<sup>+</sup>23]. **Sardinia** [BLI<sup>+</sup>09]. **Sardinian** [TAC<sup>+</sup>17]. **Sardinops** [CDG00, PRORSV<sup>+</sup>19]. **Sargasso** [BTB<sup>+</sup>08, BOJ<sup>+</sup>10, BLC<sup>+</sup>08, CDS96, CAGL13, CRR01, DSK<sup>+</sup>13, DOC01, EMW<sup>+</sup>08, GMK<sup>+</sup>08, GS08, HC01, LBJ<sup>+</sup>13, MKRY01, NBSM01, NSY04, OENB01, PBN10, RN96, San13, SM96a, SCM<sup>+</sup>08, SS01, SZS<sup>+</sup>07, SWMB10, SMB03, WBM96]. **Sargassum** [BMS<sup>+</sup>18]. **Sars** [dLWFB08]. **Satellite** [BT04, DNR20, GSVCCCH12, GSdAMNMM04, GHB<sup>+</sup>05, KGKS20, MCS<sup>+</sup>02, MCS<sup>+</sup>03, OSCI04, SCM<sup>+</sup>08, TSWJ12, BDBB07, BPRS11, BSM01b, BTRL99, BOH<sup>+</sup>04, CFR<sup>+</sup>14, CFGR07, CFK15, CC15, COJ<sup>+</sup>09, CLQ<sup>+</sup>18, DKC<sup>+</sup>17, FRW00, FCP99, GMR06, GdRGLS04, Grü99, HRSJ23, HGAB04, HFKY05, HHKH<sup>+</sup>04, HF21, HEW15, KKK<sup>+</sup>15, KRAS24, LMvDA16, LTH05, MML07, MRD13, MXC15, MC12, Mit96, MRM<sup>+</sup>12, OE06, OCKA<sup>+</sup>11, PWTH15, PG18, PW12, SiSA<sup>+</sup>02, Sch02a, THV<sup>+</sup>99, WH01b, WP17, WSL<sup>+</sup>11, Yu03, ZKSS06]. **satellite-based** [Sch02a]. **Satellite-derived** [GHB<sup>+</sup>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<sup>+</sup>17, TCH<sup>+</sup>16]. **Satya** [HBC<sup>+</sup>22]. **saury** [TSB<sup>+</sup>14]. **Savoonga** [FBB<sup>+</sup>13]. **Savoye** [BCD<sup>+</sup>09]. **SAZ** [BTD11, BGDT11, MMC11a, PHD<sup>+</sup>11, WGWW11, dSEDW11]. **SAZ-Sense** [BTD11, BGDT11, MMC11a, WGWW11, dSEDW11]. **SBI** [Ano05b, GH05, GHS09, CFKS05, CFS09]. **scale** [AML<sup>+</sup>19, AHVB<sup>+</sup>17, AKI<sup>+</sup>16, BH19a, BT98, BCH<sup>+</sup>19, BHBC08, CJ19, DCC<sup>+</sup>13, DVS<sup>+</sup>14, DLR11, DPY14, EHL02, FVW08, FM03b, Gag04, GdRGLS04, GMBL10, GBC<sup>+</sup>05, GHM<sup>+</sup>12, Gre04, HAH<sup>+</sup>01, HCWW01, HGM<sup>+</sup>11, Hol06, HPM02, HEW15, IARR01, IKR<sup>+</sup>12, JKK<sup>+</sup>10, KNV<sup>+</sup>10, KSBK01, KVS<sup>+</sup>09, aLCS15, LSHP01, LM96, MLW<sup>+</sup>01, MALT05, MKS<sup>+</sup>20, MPF<sup>+</sup>17, MMT08, MBO07, MMM<sup>+</sup>00, NRH<sup>+</sup>06, NHS<sup>+</sup>13, NDG96, OBA02, PBS06, PRDF08, PC18, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PE17, PVRA07, PHS03, RR10, SGD<sup>+</sup>14a, SSLP95, SKW<sup>+</sup>04, SGB<sup>+</sup>08, Spa99, SHW<sup>+</sup>16, SCB<sup>+</sup>01, SMG<sup>+</sup>07,

SSB<sup>+</sup>06, TSA<sup>+</sup>01, TDCV<sup>+</sup>06, VTA<sup>+</sup>11, WSL<sup>+</sup>11, YSAER25, vFvdBB<sup>+</sup>02, vHSM04b, vRPD<sup>+</sup>18]. **scale-dependent** [DVS<sup>+</sup>14]. **scales** [AL98, AMK<sup>+</sup>05, BBN97, BFH<sup>+</sup>11, BvGH<sup>+</sup>17, BF14, DHM<sup>+</sup>22, DOLP<sup>+</sup>09, DKP<sup>+</sup>17, FHR<sup>+</sup>11, HV03, KMLC<sup>+</sup>04, KBB07, MPL15, MLVM02, RMC<sup>+</sup>08, SLM<sup>+</sup>20, SWO<sup>+</sup>01]. **Scaling** [Fer06]. **scallop** [DKP<sup>+</sup>14, DVC14, SL06, TLW<sup>+</sup>94]. **Scandinavia** [SAM96]. **SCAR** [GDC11]. **SCAR-MarBIN** [GDC11]. **scatterers** [KMKA20]. **scattering** [BSRB17, DO96, LKD<sup>+</sup>15, MOT98, MCCM<sup>+</sup>98, OGBF08]. **Scatterometer** [LCW<sup>+</sup>07, SL11]. **Scavenger** [JTW00, DND04]. **Scavenging** [Ano96f, CAFK03b, CHL<sup>+</sup>95, HBCC13, OOG<sup>+</sup>07, SSL98, VvdLS11, AFB<sup>+</sup>94, CM99a, DHST13, HTD13, NZT97]. **scenario** [DFA<sup>+</sup>20, SBSW07, You10]. **scenarios** [MGGM19, MGG<sup>+</sup>17, PRORSV<sup>+</sup>19]. **schellenbergi** [LMLJ18]. **Schellenbergia** [BV04]. **scheme** [DGT<sup>+</sup>17a, HCJ<sup>+</sup>22, LHX<sup>+</sup>22]. **schemes** [SD22, WZZ<sup>+</sup>23]. **schooling** [KKM<sup>+</sup>10, NSBL94]. **schools** [OM98]. **Science** [JFC18, RBG18, ASBR17, ELP13, HD17, HBM<sup>+</sup>07, Jam18, OSG<sup>+</sup>13, Ano07c]. **Scientific** [Ano07d, HKY<sup>+</sup>13, KR07, PMJ20, RJ05, ROBV<sup>+</sup>18, Ver13]. **scleractinian** [WF13, WHC24]. **scleractinians** [BFT10, CMVS<sup>+</sup>10, WTS08]. **scobina** [CRT<sup>+</sup>00]. **Scomber** [HiII<sup>+</sup>19, HiII<sup>+</sup>20, OUJ<sup>+</sup>19]. **Scomberomorus** [LTL<sup>+</sup>23, WYL<sup>+</sup>20]. **scombrus** [OUJ<sup>+</sup>19]. **scope** [DW15b]. **scope-based** [DW15b]. **Scopelocheirus** [LMLJ18]. **SCOR** [Ano06e]. **scorpius** [GNB<sup>+</sup>17]. **Scotia** [HiI04, PHM06, REWH11, SHB02, YKY<sup>+</sup>07, BTFB12, BND<sup>+</sup>04, CSF<sup>+</sup>12, CBJ<sup>+</sup>23, CL06, Dia04, FWC<sup>+</sup>12, HBC<sup>+</sup>23, HWN<sup>+</sup>04, HPN<sup>+</sup>12, HNK<sup>+</sup>12, HHNK<sup>+</sup>04, HHKH<sup>+</sup>04, JCM<sup>+</sup>13, KGE<sup>+</sup>04, KWW<sup>+</sup>12, Lin04, LSHP01, MSF<sup>+</sup>22, MTWH04, NCL13, RSWG04, RJB<sup>+</sup>04, SAVP12, SSG14, SAM<sup>+</sup>12, TSW<sup>+</sup>12, Tho04, VMAW12, WGB<sup>+</sup>04, WAV<sup>+</sup>12, WAT12, WAK<sup>+</sup>12]. **scotiae** [PB13]. **Scotian** [BBR<sup>+</sup>96, DSO<sup>+</sup>00, HS07, JCF<sup>+</sup>06a]. **Scottish** [EQW<sup>+</sup>13]. **screening** [DCD<sup>+</sup>14]. **sculpin** [GNB<sup>+</sup>17]. **scyphomedusae** [MMY<sup>+</sup>20]. **SE** [vdLBB<sup>+</sup>02, BNKJ23, FSG02, FS14, KDG<sup>+</sup>97, NGF09]. **Sea** [AN06, AM24, AKBD13, Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, Ano06b, ASV18, AKI<sup>+</sup>16, ADGA06, BRCFP23, BS01, BTFB12, BTR95, BN04, BS06, BA02, BFH<sup>+</sup>23, BLG11, BSH<sup>+</sup>11, CHPS00, CDL<sup>+</sup>00, CC00, CCK<sup>+</sup>16, CLMK13, CA06b, CB01, CBB<sup>+</sup>00, CM16a, CMK<sup>+</sup>18, Cri95, CBF<sup>+</sup>16, Dan95, DIM<sup>+</sup>12, DTWW21, DFY<sup>+</sup>23, Di 10, DDK<sup>+</sup>00, DCC<sup>+</sup>01, ENM<sup>+</sup>16, EWA<sup>+</sup>03a, ECM<sup>+</sup>06, FLTV97, FS05, FTT<sup>+</sup>17, GLCP12, GASGB<sup>+</sup>14, GRS00, GAL<sup>+</sup>20, Gol18, GBDM<sup>+</sup>14, GCJ<sup>+</sup>00, Gra09, GC18, GW15, HNW<sup>+</sup>08, HSS<sup>+</sup>12, HMGD17, HBC<sup>+</sup>23, HiII<sup>+</sup>20, HLS<sup>+</sup>02, HWS<sup>+</sup>07, HZZ10, HKY<sup>+</sup>16, ITMG18, JJVH18, JR11, KM05b, KBW<sup>+</sup>11, KOLA<sup>+</sup>18, KGB<sup>+</sup>14, KCY<sup>+</sup>16, KLJ<sup>+</sup>16, LCD<sup>+</sup>24, LMB<sup>+</sup>98, LPJ<sup>+</sup>16, LKLK17, LTW<sup>+</sup>11, LXWC21, LXS<sup>+</sup>13, LPAR24, LCDS00, LLM<sup>+</sup>03, MB13, MCB18, MSF<sup>+</sup>22, MW99, MDI<sup>+</sup>12, MDC<sup>+</sup>10, MCS<sup>+</sup>03, MD14, MD17, MP94, MDS<sup>+</sup>16]. **Sea** [MAA<sup>+</sup>05, MCG<sup>+</sup>98, Mun16, NG10, NHCL14, NWZL23, ORFA<sup>+</sup>14, PDH<sup>+</sup>11, PWITH15, PKHH17, PNLFS03, PMF<sup>+</sup>17, RJT11, RVJG<sup>+</sup>05, RI25, RBB<sup>+</sup>97, RCF<sup>+</sup>16, RBCG10, RDC<sup>+</sup>18a, SGPD<sup>+</sup>14, SCD14, Sco05, SRDV07,

SMBM99, SKS<sup>+</sup>23, SRF95, SSK<sup>+</sup>07, SET<sup>+</sup>09, SMHB00, Smi01, SDKH03, Spa99, SGL99, SH02, SMSI08, SMGB03, SLB<sup>+</sup>16, SKM<sup>+</sup>14b, Sum19, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, SHC<sup>+</sup>00, SSH<sup>+</sup>00, TCG<sup>+</sup>18, TKP<sup>+</sup>20, TSB<sup>+</sup>14, VSGM03a, WYOS18, WLA11, WJD<sup>+</sup>00a, WPL<sup>+</sup>15, Won15, WKLM15, WWcW<sup>+</sup>15, XAY<sup>+</sup>11, YJL16, YK04, YKSI19, Zar16, ZSKL19, ZQW19, ZZX<sup>+</sup>13, AVA23, ALWW04, AM22a, Ala18, AP22, ADBW16, ALSF<sup>+</sup>17, ÁRR02, AGW<sup>+</sup>13, ANS<sup>+</sup>11, Ano96d, ASMM11, ATS<sup>+</sup>96, AvD04, ALvD12, APP<sup>+</sup>14, ALT<sup>+</sup>13, AL13, AKHR<sup>+</sup>20, BMHR08, BN97, BMS<sup>+</sup>18, BBL<sup>+</sup>13, BMD<sup>+</sup>17, BSS<sup>+</sup>17, BCN<sup>+</sup>16, BS98, BCN<sup>+</sup>17, BGOL01, BSS20, BFH<sup>+</sup>11, BVL04, BCVCHW04, BHMK08, BBE<sup>+</sup>13, BSM01b]. **sea**

[BSJ13, BCE18, BT98, Bor01, BEZ<sup>+</sup>22, BBLE24, BRSIW95, BG10, BBBM04, BDG<sup>+</sup>04, BBB<sup>+</sup>07, BE09, BEB11, BW14, BM15, BSW<sup>+</sup>13, BCB07, BRB<sup>+</sup>13, BLG15, BGH<sup>+</sup>19, CFGR07, CAS<sup>+</sup>16, CV17, CRS<sup>+</sup>19, CKFC18, CC15, CB18, CCL<sup>+</sup>14, Che13, CP18a, CP22, CK24, CKJ<sup>+</sup>16, CKY23a, CKY23b, CM00, CHG15, CHV<sup>+</sup>15, CAJE15, CBMM15, CLGM05, CJF<sup>+</sup>12, CSG<sup>+</sup>13, CFL<sup>+</sup>16, CMB02, CG04, CRD<sup>+</sup>17, CHS17, DWG<sup>+</sup>15, DHCV19, DNM<sup>+</sup>16, DCL<sup>+</sup>09, DCC<sup>+</sup>13, DMC<sup>+</sup>17, DGT<sup>+</sup>17a, DOBH02, DVC14, DGA<sup>+</sup>11, DRBM97, DZL<sup>+</sup>17, DDB<sup>+</sup>17, DCA<sup>+</sup>98, Dia04, DFD<sup>+</sup>11, DFA<sup>+</sup>20, DLF<sup>+</sup>09b, DQC14, DFJ18, DCF<sup>+</sup>18, DBH<sup>+</sup>20, ESG<sup>+</sup>17, EB16, EFR<sup>+</sup>16, EHL02, EGG<sup>+</sup>05, EBDL08, ESL<sup>+</sup>10, EWF<sup>+</sup>18, EHK<sup>+</sup>20, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, FMZ15, FWG<sup>+</sup>97, FVW08, FB14, FGW02, FvFC<sup>+</sup>11, FDR<sup>+</sup>18, FUGG<sup>+</sup>09, FMS08, Gag04, GTSC08, GCS<sup>+</sup>12, GBB<sup>+</sup>17, GS06a, GSM<sup>+</sup>08]. **sea**

[GBPb<sup>+</sup>13, GPBV<sup>+</sup>07, GIPLL<sup>+</sup>14, GBSL98, GFS99, GBI10, GBO01, HKR<sup>+</sup>01, HCBL<sup>+</sup>17, HD17, HLS<sup>+</sup>11, HTS<sup>+</sup>09, Heb00, HIK<sup>+</sup>08, HHW<sup>+</sup>08, HMAW11, HSR<sup>+</sup>16, HZS00, HC13, HH20, HGM<sup>+</sup>11, HRM<sup>+</sup>18, HP08, HF21, HEW15, HVBO08, HBO11, IARR01, Ive04, JOD98, JZ01, JTT04, Jaz15, JLY<sup>+</sup>16, JDL<sup>+</sup>12, JAP<sup>+</sup>13, JVL<sup>+</sup>16, KBB07, KBK<sup>+</sup>18, KAW<sup>+</sup>16, KBG<sup>+</sup>10, KB15, KT05, KWA<sup>+</sup>20, KCZ<sup>+</sup>19, KRF01, Kel10, KJB<sup>+</sup>08, Kha18, KFJ<sup>+</sup>05, KCD<sup>+</sup>17, KAHS20, KHL<sup>+</sup>15, KFS<sup>+</sup>17, KWT<sup>+</sup>16, KSDE16, KFTE14, KIS02, KHL<sup>+</sup>01, KGHA<sup>+</sup>01, KFKZ24, LVJC17, LRGH<sup>+</sup>05, LFPC14, LRFK99, LK98, LOB<sup>+</sup>09, LT16, LRN<sup>+</sup>14, LKJ<sup>+</sup>15, aLCS15, LEP14, LSM<sup>+</sup>06a, LdSN<sup>+</sup>18, LZL<sup>+</sup>22, LMF<sup>+</sup>21, LFC16, LB14, LKTS01, LNDH<sup>+</sup>17, LDW22, LSOM16, LDSV98, Lut15, MBI<sup>+</sup>10, MA15, MA18a, MA18b, MDJS11, Mal04, MB07b, MB07a, MGE13, MFB18, MB18, MBP<sup>+</sup>20, MS06a]. **sea**

[MP17, MLS01, MNN10, MB01, MSW<sup>+</sup>13, MKRY01, MGH<sup>+</sup>16, MRP<sup>+</sup>17, MLVM02, MTK<sup>+</sup>18, Men23, MBD<sup>+</sup>17, MSV<sup>+</sup>17, MLBB14, MDT<sup>+</sup>08, MXC15, MC12, MMDS18, MMN10, MS12, MTDK98, MS11, MC15, NMN<sup>+</sup>17, NGF09, NCCR<sup>+</sup>12, NSWY20, NYH<sup>+</sup>20, NTS<sup>+</sup>11, OGG<sup>+</sup>15, OMS06, OPDM11, OBRJ01, OKH<sup>+</sup>22, ODP<sup>+</sup>17, OCKA<sup>+</sup>11, PTO<sup>+</sup>16, Pal04, PK08, PSA14, PW15, PPM<sup>+</sup>17, PTD<sup>+</sup>17, PGC<sup>+</sup>11, PfdSG11, PP13, PL04, PEC<sup>+</sup>04, PFX<sup>+</sup>02, PSB14, PPFS17, PPF<sup>+</sup>15, PUB<sup>+</sup>06, PCB<sup>+</sup>17, Pra04, PCP<sup>+</sup>17, PFDD16, PRSS23, PDS<sup>+</sup>17, PGZ<sup>+</sup>09, ROB<sup>+</sup>17, RBDO17, RHD<sup>+</sup>11, RHW04, RMBW07, RRT<sup>+</sup>17, RDV<sup>+</sup>09, RSW<sup>+</sup>13, RE98, RGHN<sup>+</sup>97, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16, RTI<sup>+</sup>16, RIHGS00, RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, RKM23a, RD25,

RLGG07, RDdL<sup>+</sup>13, Rog00, RSS01, RRK<sup>+</sup>20, RSdV<sup>+</sup>09, RBP<sup>+</sup>94, Row13, RPZ<sup>+</sup>14, RNB07, SIA<sup>+</sup>05, SBM16, SGGW11, SS13a, SF24, SSWM18, SLS<sup>+</sup>09]. **sea** [SLS17, SBDB09, SI09, SSMM<sup>+</sup>08, SSHM<sup>+</sup>08, SBS<sup>+</sup>00, SSB<sup>+</sup>17, SE07, SWB<sup>+</sup>09, SRW<sup>+</sup>10, STFL<sup>+</sup>13, SDT<sup>+</sup>17, SDL22, SFV<sup>+</sup>98, Sha01, SBHS20, SS09, SSR13, SK07, SGW<sup>+</sup>15, SRS<sup>+</sup>15, SNS<sup>+</sup>07, SO98, SV09, SZH20, SNB02, SC16, SAW16, SSI19, SHW<sup>+</sup>04, STD<sup>+</sup>20, SDCH99, SBG<sup>+</sup>98, SLM98, SK02, SMS<sup>+</sup>08, SBM<sup>+</sup>13, SBR<sup>+</sup>97, Sor99, SMPSD04, Sot09, SMH<sup>+</sup>11, SWH08, SHW<sup>+</sup>16, SSC<sup>+</sup>23, SC15, STR<sup>+</sup>14, STWW01, SNK07, TBC<sup>+</sup>17, TSS<sup>+</sup>02, TSW<sup>+</sup>09, Thi01, Thi98, TP99, TCEW07, TWD<sup>+</sup>08, TD16, TLP<sup>+</sup>12, TMT<sup>+</sup>11, THT11, TML<sup>+</sup>16, TKF16, TMP<sup>+</sup>13, TLW<sup>+</sup>94, TLKT00, TNBL95, TY98, VGSV09, VTA<sup>+</sup>11, VK04, VKGP<sup>+</sup>11, VALM17, VHM17, VMI<sup>+</sup>08, VGD14, VAMPR<sup>+</sup>17, VHC<sup>+</sup>17, Vri09, Vri13, WW99, WF13, WSE<sup>+</sup>16, WLY<sup>+</sup>22, WZZ<sup>+</sup>23, WB09, Wat09, WSF<sup>+</sup>24, WJR<sup>+</sup>16, WBM<sup>+</sup>10, WTT<sup>+</sup>20, WNRM08, WACGH11, WAP<sup>+</sup>18, WAM<sup>+</sup>18]. **sea** [WDMEL01, Wil98, WLD<sup>+</sup>07, WTA<sup>+</sup>18, WYIT13, WMA11, WSL<sup>+</sup>11, WBA03, WL02, WPFB11, WPSB11, WPB11, XSL<sup>+</sup>17, YZZ<sup>+</sup>16, YZZ<sup>+</sup>19, YLG<sup>+</sup>18, YERT13, ZBC<sup>+</sup>13, ZLZ<sup>+</sup>15, ZJFV15, ZAC<sup>+</sup>15, ZWZ18, ŽSN<sup>+</sup>18, Zül05, AIW03, AN05, ASMH08, AM18, AM22b, ATJ05, ACBV<sup>+</sup>18, Ala13, Ala18, Ala22, APMN<sup>+</sup>17, AMvD<sup>+</sup>12, Ald95, AFC<sup>+</sup>17, AAG19, ASF<sup>+</sup>16, And00, ASN<sup>+</sup>02, AGN<sup>+</sup>02, APP<sup>+</sup>14, AGM<sup>+</sup>93, AI09, ASFI02, ADGA05, ACG<sup>+</sup>17, AMTE09, AS95, Avr02, AM07, AAL<sup>+</sup>17, BN05, BK99, BTB<sup>+</sup>08, BDR16, BCE<sup>+</sup>07, BH14, BDL<sup>+</sup>22, BFD<sup>+</sup>23, BDF00, BRM18, BRJM18, BKP<sup>+</sup>19, BE00, BEGC04, BMB<sup>+</sup>01, BG08, BMC99, BL99, BZ20, BFDB17, BMK<sup>+</sup>13, BCBF03, BH19a, BCM02, BSE<sup>+</sup>16, BKS<sup>+</sup>16, BGCH20, BDO00, BFT10, BDM<sup>+</sup>03, BF14, BPBJ13, Blo02, BCKH07, BIH10, BFL00, BSP00, BL00, BSN18, BFML<sup>+</sup>08, BCE18, BSS<sup>+</sup>00, BZMC20]. **Sea** [BRSIW95, BG09a, BND<sup>+</sup>04, BSS<sup>+</sup>02, BDR<sup>+</sup>03, BEB<sup>+</sup>13, BAF<sup>+</sup>18, BSL11, Bre93, BLW<sup>+</sup>09, BG09b, BWC<sup>+</sup>02, BM07, BMK09, BFS<sup>+</sup>17, BLB<sup>+</sup>99, BLC<sup>+</sup>02, BCP<sup>+</sup>15, BLP<sup>+</sup>15, BOKA16, BOJ<sup>+</sup>10, BLSS10, BBA<sup>+</sup>98, BLC<sup>+</sup>08, BGH<sup>+</sup>19, BES95, BOP95, BBB<sup>+</sup>01, ÇYB<sup>+</sup>18, CHW<sup>+</sup>12, CLC<sup>+</sup>98, CAS<sup>+</sup>16, CV17, CB97, CSL<sup>+</sup>22, CSZ<sup>+</sup>25, CBCT09, CBBM12, COS<sup>+</sup>16, CDS96, CD99, CZP<sup>+</sup>08, CDRA08, CAGL13, CMB<sup>+</sup>97, CC13, CKFC18, CSE<sup>+</sup>22, CSGC03a, CLC<sup>+</sup>03, CD09, CC03, CSGC03b, ILCCC07, CMG<sup>+</sup>12, CHL<sup>+</sup>15, CSG<sup>+</sup>15, CLSS15, CCL<sup>+</sup>14, CCS<sup>+</sup>16, CHH<sup>+</sup>21, CWB02, Che13, CP18a, CP22, CLL<sup>+</sup>03, CHT<sup>+</sup>13, CW97, CSL<sup>+</sup>07, CB00a, CM00, CCC<sup>+</sup>03, CBSS02, COQ<sup>+</sup>18, CDRB16, CMC<sup>+</sup>05, CWTJ03, ÇYFB<sup>+</sup>06, ÇYAYT06, CDA98, CBC02, CMA<sup>+</sup>09, Cok16, CDH<sup>+</sup>00, CSF<sup>+</sup>12, CRR01, CLH<sup>+</sup>00, CKS05, CBJ<sup>+</sup>23, CJF<sup>+</sup>12, CSG<sup>+</sup>13, CFL<sup>+</sup>16, CCC<sup>+</sup>23, CSS<sup>+</sup>22a, CMB02, CG04, CMVS<sup>+</sup>10, Cor10, CL09]. **Sea** [CML<sup>+</sup>09, CWE<sup>+</sup>17, CP02, CBK<sup>+</sup>07, CKB<sup>+</sup>07, CPEN08, CBK<sup>+</sup>22, CMB12, CML<sup>+</sup>14, CMC<sup>+</sup>02, DMS<sup>+</sup>10, DCC<sup>+</sup>17, DF16, DLG<sup>+</sup>14, DW15a, DEJ08, DYEJ08, DAA<sup>+</sup>20, Dau18, DSD12, DSK<sup>+</sup>13, DDAH<sup>+</sup>14, DGA<sup>+</sup>11, DC12, DCA09, DC00, DWM<sup>+</sup>15, DGK<sup>+</sup>22, DCM<sup>+</sup>99, DMC<sup>+</sup>01, DNG<sup>+</sup>12, DMS<sup>+</sup>98, DOB<sup>+</sup>01, DKS03, DKS11, DLL<sup>+</sup>15, DBL<sup>+</sup>05, DFJ18, DAGK<sup>+</sup>17, DKdS<sup>+</sup>03, DG18, DOC01, DSC<sup>+</sup>01,



DFK<sup>+</sup>06, DABF<sup>+</sup>16, DBC<sup>+</sup>19, DGT14, DGT17b, DKZP16, ETP<sup>+</sup>16, ESK06, EBS99, ENM<sup>+</sup>14, EGL<sup>+</sup>16, EZB<sup>+</sup>20, EFR<sup>+</sup>19, EAF<sup>+</sup>17, EGMB13, EG0022, EBK<sup>+</sup>22, EMB<sup>+</sup>22, ESWL20, ESDM13, EOB03, EMW<sup>+</sup>08, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, FM13, FS24, FAC<sup>+</sup>24, FBB<sup>+</sup>13, FLTV04, FLTCV10, FFAH16, FMC<sup>+</sup>20, FL02, FJR<sup>+</sup>20, FC15, FWC<sup>+</sup>12, FWR<sup>+</sup>02, FJG<sup>+</sup>00, FK98, FA03, FHvFM08, FDR<sup>+</sup>18, FS02, FHT<sup>+</sup>14, FWZM12, FZW<sup>+</sup>13, FHW06, FAMY20, FHK18, FHYI03, GMK<sup>+</sup>08, GKH<sup>+</sup>07, GWL<sup>+</sup>15, GWZ16]. **Sea**  
 [GEP<sup>+</sup>16, GMS<sup>+</sup>02, GLCU<sup>+</sup>17, GGRW99, GGH98, GGH<sup>+</sup>00, GPC18, GMR<sup>+</sup>05, GDD<sup>+</sup>09, GAL<sup>+</sup>12, GMLB99, GGDF08, GLK<sup>+</sup>06a, GLK<sup>+</sup>06b, GdRGH<sup>+</sup>14, GGC19, GBH<sup>+</sup>17, GS08, GBPB<sup>+</sup>13, GMB18, GM22, GWWL03, GP15, GP16, GLSK<sup>+</sup>17, GPBV<sup>+</sup>07, GBSL98, GBLS00, GBBS00, GHG<sup>+</sup>04, GBC<sup>+</sup>05, GHM<sup>+</sup>12, GOM<sup>+</sup>09, GGO<sup>+</sup>14, GW98, GFS99, GHD<sup>+</sup>18, GRSW00, GDM<sup>+</sup>25, Gri13, GKBG17, GK16, GMC<sup>+</sup>12, GMC97, GGRW98, GZZC10, GNHS05, HNW<sup>+</sup>08, HP98, HC01, HXF<sup>+</sup>23, HSS<sup>+</sup>12, HPS<sup>+</sup>13, HPL<sup>+</sup>12, HS13, HTPM14, HT17, HML99, Hat02a, Hat02b, HLZY10, HHW<sup>+</sup>08, HSFN13, HKSV11, HGK<sup>+</sup>18, HSHM02, HGB<sup>+</sup>13, HGB<sup>+</sup>16, HKC<sup>+</sup>21, HWN<sup>+</sup>04, HPN<sup>+</sup>12, HNK<sup>+</sup>12, HRS<sup>+</sup>23, HH20, HFKY05, HM06, HPY<sup>+</sup>15, HK08, HH05, HBC<sup>+</sup>12, HHH<sup>+</sup>22, HHNK<sup>+</sup>04, HHKH<sup>+</sup>04, HDPI99, HKMS03, HK10, HKP10, HWS<sup>+</sup>13, HTM<sup>+</sup>03, HSD04, HMSMK04, HFL<sup>+</sup>15, HZ19, HHX<sup>+</sup>10, HZN<sup>+</sup>16, HZWW16, HXC<sup>+</sup>22, HLL<sup>+</sup>09, HHR<sup>+</sup>08, HCG<sup>+</sup>03]. **Sea**  
 [HWC07, HSW<sup>+</sup>02, HBJ02, HSSN08, HPS<sup>+</sup>11, HRK14, HRG<sup>+</sup>16, HBB<sup>+</sup>13, HON<sup>+</sup>13, Hus16, IS07, IBD10, IMG<sup>+</sup>19, ITT12, IOTS16, IABR<sup>+</sup>17, IOK03, IFFGL<sup>+</sup>04, IGP<sup>+</sup>06, IKR<sup>+</sup>12, IPTH03, ITM<sup>+</sup>12, ITK<sup>+</sup>16, JTW00, JTT04, JT07, JMW<sup>+</sup>20, JCM<sup>+</sup>13, JLY<sup>+</sup>16, JZX10, JLR<sup>+</sup>13, JCP17, JKP<sup>+</sup>17, JPZ93, JLB<sup>+</sup>99, JWC<sup>+</sup>01, JHHK14, JSP<sup>+</sup>17, KHS<sup>+</sup>02, KKSA19, Kam13, Kam18, KMT20, KIIW03, KJL<sup>+</sup>17, KLL03, KLTS13, KGE<sup>+</sup>04, KT05, KDMH18, KBKW13, KME18, KFJ<sup>+</sup>05, KBVM13, KSH12, KMM<sup>+</sup>08, KFH01, KLY<sup>+</sup>15, KKT16, KKK<sup>+</sup>17, KAM<sup>+</sup>20, KMD<sup>+</sup>99, KMDW01, KMO09, KBSS93, KMD<sup>+</sup>01, KGS23, KYKJ16, KFK06, KOT<sup>+</sup>20, KIM08, KFTE14, KRGT14, KTF07, KMLT06, KSS00a, KW00, KWW<sup>+</sup>12, KOR06, KL13, KLČ<sup>+</sup>19, KFKZ24, KRLH14, KRG<sup>+</sup>01, KN05, KSS<sup>+</sup>00b, KHL<sup>+</sup>17, KHH<sup>+</sup>17, Kyt02a, LLK<sup>+</sup>16, LTG<sup>+</sup>09, LCVV06, LS12, LRGH<sup>+</sup>05, LGHD20, LLD<sup>+</sup>17, LG00, LBC<sup>+</sup>98, LS14a, LMM<sup>+</sup>17, LG09]. **Sea**  
 [Las93, LB98a, LPK<sup>+</sup>17, LLB<sup>+</sup>00, LJBF00, LC03, LLLP<sup>+</sup>03, LN05, LPW<sup>+</sup>09, LGK15, aLCS15, LJL<sup>+</sup>17, LAP<sup>+</sup>17, LVP13, LMS09, LGML00, LL00, LTW<sup>+</sup>11, LGQ99, LYN<sup>+</sup>13, LLH<sup>+</sup>15, LW15, LWW<sup>+</sup>15, LZC<sup>+</sup>16, LWL<sup>+</sup>16, LCW<sup>+</sup>07, LH07, LRH<sup>+</sup>11, LGC<sup>+</sup>12, LHZJ13, LHZ<sup>+</sup>16, LPM<sup>+</sup>19, LSHB09, Lin16, LLM<sup>+</sup>17, LBB<sup>+</sup>07, LTS<sup>+</sup>97, LL14, LCL<sup>+</sup>98, LPSS03, LKH<sup>+</sup>07, LCT<sup>+</sup>07b, LCT<sup>+</sup>07a, LS10, LBY<sup>+</sup>10, LCL<sup>+</sup>10, LZZ<sup>+</sup>16, LLS<sup>+</sup>19, LSA14, LGR<sup>+</sup>14, LRDS18, LMC<sup>+</sup>12, LBJ<sup>+</sup>13, LS14b, LJB18, LPS14, LvDA14, LPM<sup>+</sup>15, LSL<sup>+</sup>15, LP14, LWGS00, LSOM16, LOFC00, MAH<sup>+</sup>12, MHO02, Mac08, MGHN01, MMY<sup>+</sup>20, MA13, MA18a, MA18b, MTR<sup>+</sup>10, MGE13, MG22, Mar18, MDH<sup>+</sup>98, MTBB00, MMID17, MCPA02, MC02, Mar13, MGMP02, MPS<sup>+</sup>21, MHB05, MBHB09, MCM<sup>+</sup>14, MW05a, MAK<sup>+</sup>16, MES<sup>+</sup>23,

MGN99, MKRY01, McP08, MGS<sup>+</sup>10, MMWM00, MV99, Men23, MDT<sup>+</sup>08, MCJ<sup>+</sup>99, MDH16, MDO<sup>+</sup>98, MW05b, MBM<sup>+</sup>00, MBG<sup>+</sup>24, MMDS18]. **Sea** [MiSW08, ML20, MBDB<sup>+</sup>24, MBS05, MGC<sup>+</sup>14, MKH<sup>+</sup>05, MLK<sup>+</sup>12, MR08, MFS<sup>+</sup>23, MKD23, MSRM08, MCL<sup>+</sup>12, MBC<sup>+</sup>20, MQD06, MBTM97, MCS<sup>+</sup>99, MPHF02, MFM<sup>+</sup>18, MPS<sup>+</sup>03, MTWH04, MHG<sup>+</sup>17, MWB95, MMM<sup>+</sup>00, Mur06, MBG09, MSA<sup>+</sup>14, NAT<sup>+</sup>12, NISG05, NBB<sup>+</sup>02, NS93, NSLAP<sup>+</sup>17, NCK<sup>+</sup>22, NBSM01, NSY04, NMW<sup>+</sup>09, NRS14, NVBJ08, NCE<sup>+</sup>23, NLS<sup>+</sup>10, NLY<sup>+</sup>13, NG07, NMC<sup>+</sup>07, NYH<sup>+</sup>20, NRM<sup>+</sup>99, NHBM10, NBCT13, NBBBT13, NEN<sup>+</sup>07, NZT97, NCL13, OMG<sup>+</sup>11, OUK03, OMY<sup>+</sup>03, OHT12, OE06, OYM<sup>+</sup>13, ONRW10, OM16, OTNT05, OTK<sup>+</sup>05, OTA<sup>+</sup>05, OSCS04, OCP18, OACA19, OOG<sup>+</sup>07, OT10, OHFW93, OS02, OENB01, OT12, ODR<sup>+</sup>09, OW09, OAH<sup>+</sup>16, OBH<sup>+</sup>18, OT03, OBA02, OWW<sup>+</sup>12, OGG<sup>+</sup>20, OCKA<sup>+</sup>11, PHOM09, PAM<sup>+</sup>04, PW15, PLD<sup>+</sup>17, PHH<sup>+</sup>16, PW05, PK13, PSHF<sup>+</sup>13, PSUH<sup>+</sup>16, PLdL97, PPZ93, PAR<sup>+</sup>08, PS23, PP95, PTP09, POI<sup>+</sup>17, PDA<sup>+</sup>17, PL00]. **Sea** [PSK00a, PPT<sup>+</sup>10, PNL<sup>+</sup>19, PMGH01, PBVC<sup>+</sup>16, PBN10, PCH<sup>+</sup>22, PN93, PC08, PE17, PTA<sup>+</sup>99, PBNF<sup>+</sup>16, PDB<sup>+</sup>16, PST<sup>+</sup>05, PSS<sup>+</sup>16, PRA<sup>+</sup>95, PJ99, PRJW05, PFG<sup>+</sup>03, PS05, PDS00, PAUB19, PVT<sup>+</sup>21, PKZ<sup>+</sup>19, PRSS23, PWN<sup>+</sup>11, PZK<sup>+</sup>05, POA<sup>+</sup>16, RSR<sup>+</sup>19, RRMM05, RSR05, RCW<sup>+</sup>15, RKTG14, RTC06, RS02, RWR<sup>+</sup>02, RH07, RSWG04, RJB<sup>+</sup>04, RRWR08, RZL<sup>+</sup>10, RZS<sup>+</sup>16, RMC<sup>+</sup>08, RDW<sup>+</sup>12, RAF<sup>+</sup>11, RD16, RJDR06, RSF<sup>+</sup>99, RJ05, RWRS08, RHI00, RI05, RVGF02, RHB<sup>+</sup>95, RG93, RIBW99, RBO07, RKM23a, RSW<sup>+</sup>00, RNP93, RBB<sup>+</sup>97, RD02, RCG18, ROBV<sup>+</sup>18, RKM<sup>+</sup>22, RKM<sup>+</sup>23b, RN96, SCM<sup>+</sup>02, SIA<sup>+</sup>05, Sam01, SMZ<sup>+</sup>08, SBM16, SS13a, SSK<sup>+</sup>23, San13, SNS10, SSI<sup>+</sup>99, SKS<sup>+</sup>16, SAG<sup>+</sup>10, SA15a, SA18, SHGB95, SC10, SAVP12, SSMM<sup>+</sup>08, SSHM<sup>+</sup>08, SBS<sup>+</sup>00, SRY04, SHA02, SBD05, SWC09, Sco05, SHS<sup>+</sup>12, SSY<sup>+</sup>05, SOS01]. **Sea** [SRH<sup>+</sup>11, SSR13, SW01, SZG<sup>+</sup>13, SGW<sup>+</sup>15, SGC03, SNS<sup>+</sup>07, SHH03, SSK<sup>+</sup>05, SET<sup>+</sup>09, SID19, SHM13, SZH20, SM96a, STM04a, STM04b, SCM<sup>+</sup>08, SKR<sup>+</sup>12, SSE<sup>+</sup>14, SNS<sup>+</sup>16, SS02, SZV<sup>+</sup>19, SDCH99, ST07, SW00, SDAH<sup>+</sup>12, SSDA13, SEN<sup>+</sup>95, SRP<sup>+</sup>98, SLH<sup>+</sup>00, Smi01, SHR02, SDMC03, SSP<sup>+</sup>06, SHM<sup>+</sup>07, SJM02, SSR96, SP00, SKK<sup>+</sup>16, SLZ<sup>+</sup>16, SS01, SABP<sup>+</sup>16, SKGD14, SGD14b, SPB<sup>+</sup>14, SNFK20, SKSW02, SBS07, SFK<sup>+</sup>12, SKM<sup>+</sup>12, SDK<sup>+</sup>16, SBB<sup>+</sup>19, SMS20, SM20, SM23, SFH<sup>+</sup>18, SGM<sup>+</sup>14, SWH08, SMGB02, SBE<sup>+</sup>99, Ste13, SYZ<sup>+</sup>24, SL12, SWSL14, SWG14, SZS<sup>+</sup>07, SAM<sup>+</sup>12, SBS<sup>+</sup>02, SHPM14, SF08, SNW08, SDLZ13, SLB<sup>+</sup>15, SKH<sup>+</sup>10a, SKM<sup>+</sup>14b, Sum19, SHY10, SESS08, SJSI00, SWMB10, SMLS02, SMB03, SAB08, SNK07, SCM<sup>+</sup>09, Tak05, TRO16, TGA<sup>+</sup>09, TRH<sup>+</sup>08, TOSH08, TR02, Tan03, TT05, TSZ10, TSZT13, TSW<sup>+</sup>12, TBEW99, TLF97]. **Sea** [TMP<sup>+</sup>19, Tho04, Tho24, TDCV<sup>+</sup>06, TWL<sup>+</sup>15, TP99, TKF07, TSS<sup>+</sup>19, TLR<sup>+</sup>00, Tou99, TTCD14, TPP<sup>+</sup>20, TIS<sup>+</sup>13, TIKS03, TTA<sup>+</sup>16, TO95, TOP95, TWG00, TLMT97, UKM16, UKJ<sup>+</sup>20, UFAK06, UC13, VMBS03, VNA<sup>+</sup>16, VJP<sup>+</sup>10, VJF23, VV23, VPK<sup>+</sup>19, VMAW12, VKM13, VVV04b, VSC<sup>+</sup>11, VCDAL14, VWTK18, WPHL02, WAPL95, WWH<sup>+</sup>10, WT14, WLD15, WZC<sup>+</sup>19, WRZ<sup>+</sup>19, WZZ<sup>+</sup>19, WL20, WPD22, WGB<sup>+</sup>04, WAV<sup>+</sup>12,

WAT12, WBM96, WCB08, WBA<sup>+</sup>17, WGR<sup>+</sup>95, WOM<sup>+</sup>16, WSLP10,  
 WZW<sup>+</sup>22, WAW<sup>+</sup>05a, WFW<sup>+</sup>17, WBJ<sup>+</sup>98, WFR<sup>+</sup>02, WYPY06, WPW95,  
 WAK<sup>+</sup>12, WBD17, WABW02, WWV12, WJD<sup>+</sup>00b, WMM02, WSB13,  
 WDMEL01, WTZ02, WPMC14, WCS07, WGG98, WP00, Wit00, WLL00,  
 WZ03, WKM<sup>+</sup>07c, WYIT13, WP17, WLC99, WAW05b, WRS99, WTSP07,  
 WC07b, WDC<sup>+</sup>15, WCL<sup>+</sup>15b, WLH<sup>+</sup>16, WYT19, XGL15, XAY<sup>+</sup>11,  
 XSM<sup>+</sup>19, XZM<sup>+</sup>23, YLD09, YCD<sup>+</sup>06, YCN<sup>+</sup>10, YKS03, YHK15, YLR18,  
 YXC<sup>+</sup>19, YCT<sup>+</sup>22]. **Sea**  
 [YMC<sup>+</sup>22, YD09, YCA<sup>+</sup>20, YZZ<sup>+</sup>16, YZZ<sup>+</sup>19, YET06, YÇYTKB06, Ynd09,  
 YK04, YKSI19, YAOW05, YKY<sup>+</sup>07, YNK07, YCYK10, YXZ<sup>+</sup>22, YBC<sup>+</sup>17,  
 YHL<sup>+</sup>12, YLK<sup>+</sup>15, ZCP<sup>+</sup>08, Zar16, ZHD<sup>+</sup>08, ZFP<sup>+</sup>16, ZWM12, ZHY<sup>+</sup>13,  
 ZWC<sup>+</sup>15, ZLZ<sup>+</sup>15, ZAC<sup>+</sup>15, ZHX<sup>+</sup>16, ZZY<sup>+</sup>19, ZLW<sup>+</sup>19, ZSKL19, ZWQ<sup>+</sup>19,  
 ZSZ<sup>+</sup>19, ZWJ<sup>+</sup>19, ZXLL10, ZSLL15, ZZZ<sup>+</sup>16, ZXH<sup>+</sup>13, ZS19, ZNPR09,  
 ZWL<sup>+</sup>22, Zon97, ZB00, ZFA<sup>+</sup>02, dBC<sup>+</sup>09, dSG09a, vC97, vdLCS<sup>+</sup>11, CDB94].  
**Sea-air** [ITMG18, FWG<sup>+</sup>97]. **sea-disposed** [EFR<sup>+</sup>16, TD16]. **sea-floor**  
 [LSM<sup>+</sup>06a]. **Sea-ice** [Gra09, MW99, RCF<sup>+</sup>16, WYOS18, WLA11, XAY<sup>+</sup>11,  
 AvD04, BCVCHW04, BRSIW95, CAS<sup>+</sup>16, CSG<sup>+</sup>13, DGA<sup>+</sup>11, DCF<sup>+</sup>18,  
 FGW02, FMS08, GBI10, HHW<sup>+</sup>08, HMAW11, HSR<sup>+</sup>16, HH20, HVBO08,  
 JVL<sup>+</sup>16, KT05, LDW22, MGH<sup>+</sup>16, NYH<sup>+</sup>20, PEC<sup>+</sup>04, SIA<sup>+</sup>05, SMS<sup>+</sup>08,  
 SMH<sup>+</sup>11, SWH08, THT11, VMI<sup>+</sup>08, WSE<sup>+</sup>16, WMA11, WSL<sup>+</sup>11, WBA03].  
**Sea-ice-thickness** [SET<sup>+</sup>09]. **sea-level** [EHL02]. **Sea-surface**  
 [Dan95, ECM<sup>+</sup>06, GLCP12, HZZ10, ATS<sup>+</sup>96, BHMK08, BSM01b, EHK<sup>+</sup>20,  
 KIS02, MB01, MKRY01, MC12, Pal04, SWB<sup>+</sup>09, SMPSD04, SMH<sup>+</sup>11,  
 WDMEL01, DKdS<sup>+</sup>03]. **sea-to-air** [FUGG<sup>+</sup>09, YZZ<sup>+</sup>16, YZZ<sup>+</sup>19].  
**Sea-viewing** [STM04a, STM04b]. **Sea/Japan** [YK04]. **Sea/Sea** [ZSKL19].  
**SeaBeam** [CES98]. **seabed** [LLC17, SNPS01]. **Seabight** [RRL<sup>+</sup>14, BRG17].  
**Seabird** [REWH11, SAB08, WRBS10, AST<sup>+</sup>05, HV03, JTK<sup>+</sup>14, JHHK14,  
 KCO<sup>+</sup>19, KCL20, NYH<sup>+</sup>20, OMS06, PDA<sup>+</sup>17, PLA<sup>+</sup>17, RMD<sup>+</sup>12, RAF<sup>+</sup>11,  
 SBSW07, STS<sup>+</sup>15, VLP<sup>+</sup>17, WTT<sup>+</sup>20]. **seabird-prey** [NYH<sup>+</sup>20]. **seabirds**  
 [AH17, BFSK08, BSR08, BSRM08, CRF04, EQW<sup>+</sup>13, HPS<sup>+</sup>13, HRK14,  
 JNB17, SM12, SVJ<sup>+</sup>08, SSJ<sup>+</sup>22, SJJ19, Wei07, YKN07, vFvdBB<sup>+</sup>02].  
**Seafloor** [BH03, ÇYB<sup>+</sup>18, CPW<sup>+</sup>18, CTT09, NCCR<sup>+</sup>12, ABG<sup>+</sup>20, Blu01,  
 CGG<sup>+</sup>19, DME<sup>+</sup>18, GTB15, HDR<sup>+</sup>11, HSM<sup>+</sup>01a, HDW<sup>+</sup>20, NKE11,  
 NHS<sup>+</sup>13, SHD<sup>+</sup>96, SDLZ13, TD16]. **seagrass** [AHHCR23]. **seal**  
 [AHB<sup>+</sup>17, CRJ<sup>+</sup>08, DFMW13, KY17, RSL05, SMA<sup>+</sup>17, SSWM18, VGGLB15].  
**sealing** [BCG<sup>+</sup>22]. **seals** [BCE<sup>+</sup>07, BLB<sup>+</sup>11, BSR<sup>+</sup>18, BZMC20, BTLC98,  
 BCF<sup>+</sup>04, BHBC08, CKH<sup>+</sup>08, CBK<sup>+</sup>22, FPHH<sup>+</sup>09, FHvFM08, FMWD07,  
 GFCS04, GBC<sup>+</sup>13, GHM18, GBH<sup>+</sup>17, HCZ<sup>+</sup>07, HAGW<sup>+</sup>13, MCS07,  
 MCBC08, MdSLH13, NBCT13, NBBBT13, SM12, SVJ<sup>+</sup>08, VHC<sup>+</sup>17].  
**Seamount** [AM24, BRP<sup>+</sup>13, CDJ<sup>+</sup>22, LDBS<sup>+</sup>17, MAN<sup>+</sup>20, MTDK98, RD25,  
 VTD24, WSF<sup>+</sup>24, ZBC<sup>+</sup>13, BLM13, BSCR11, CVA<sup>+</sup>13, CSM<sup>+</sup>13a, CGPM13,  
 LCK<sup>+</sup>18, MDG13, MG13, MWB<sup>+</sup>09, PGPI<sup>+</sup>13, PGPP<sup>+</sup>13, PCP<sup>+</sup>17, RG13,  
 RNR20, SMB<sup>+</sup>13, THM<sup>+</sup>13, VHT<sup>+</sup>20, VOK<sup>+</sup>24, BOC18, CMH09, ID19,  
 MPE<sup>+</sup>09, MWB<sup>+</sup>09, PL24, SCCG09, TMC04]. **Seamount-induced**

[CDJ<sup>+</sup>22]. **Seamounts** [KVB<sup>+</sup>09, KVM025, MGT<sup>+</sup>20, ACD<sup>+</sup>17, ATLD<sup>+</sup>20, ACR<sup>+</sup>20, AMV<sup>+</sup>09, CSM13b, CRA<sup>+</sup>20, CW09, CBA<sup>+</sup>20, DCL<sup>+</sup>09, DNR20, DRR17, GMB13, HNM<sup>+</sup>20, HRX17, HMC09, MC09, MBP09, NRSL17, NRH<sup>+</sup>20, O'H24, PR17, RP17, RTM<sup>+</sup>20, RT20, RAB<sup>+</sup>17, Rog17, SWB<sup>+</sup>18, SBC17, VTD<sup>+</sup>20, BMP<sup>+</sup>09, Kas24, MRMP09, VAK<sup>+</sup>09]. **Search** [BKS<sup>+</sup>16, KK19, RG06b]. **SEAS** [JJVH18, BLB<sup>+</sup>11, Dia04, Bea09, Car07, CMNO23, DSW20, GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10, GGI03, HTTS12, HS05b, LGP<sup>+</sup>03, MN10, MSM10, NEN<sup>+</sup>07, TTL<sup>+</sup>16, Uys06, VPA<sup>+</sup>20, WBO07, WZ03, ATN<sup>+</sup>12, AGP05, BHMC05, BBH05, BAS00, CG07, CMV<sup>+</sup>20, CGG<sup>+</sup>19, CL06, DEL<sup>+</sup>17, DB05, DTWF17, EGG<sup>+</sup>05, FNS20, FB05, GCCG13, Gra09, GNB<sup>+</sup>17, HCAK17, Hil04, HCS05, HZZ10, JRK<sup>+</sup>17, KBE<sup>+</sup>04, KLD21, KCL20, LGC<sup>+</sup>12, LD07, LBM<sup>+</sup>20, LWJR22, LFC16, MCL<sup>+</sup>19, MCK<sup>+</sup>19, MNN10, MA09, NSWY20, ODH<sup>+</sup>07, OUJ<sup>+</sup>19, OBKA17, PVK<sup>+</sup>20, PKA95, PCAS05, PPF<sup>+</sup>15, PdBK<sup>+</sup>03, RPB99, RRK<sup>+</sup>20, REWH11, SMB<sup>+</sup>17, STD<sup>+</sup>20, VSM17, WDM<sup>+</sup>05, WCC05, WOS12, YH10]. **season** [AST<sup>+</sup>05, CAMA<sup>+</sup>02, CMNO23, CWEHT22, KYI10a, SBA18, VSGGPR14]. **Seasonal** [APMN<sup>+</sup>17, dSVC<sup>+</sup>14, AMTE09, BN97, BRJM18, BMK96, BHMC05, BL96, BHS<sup>+</sup>17, BM07, BD06, CD09, ILCCC07, CWS05, CVM<sup>+</sup>01a, CMW<sup>+</sup>08, CRR01, CPH01, CLPL<sup>+</sup>09, CP05, CKL03, DDN<sup>+</sup>04, DB05, DC00, Di 03, DMS<sup>+</sup>98, DI00, FBC<sup>+</sup>02, GRS00, GSW<sup>+</sup>09, GWWL03, GCJ<sup>+</sup>00, HXF<sup>+</sup>23, HWM02, HLL<sup>+</sup>10, HHH<sup>+</sup>14, HMW00, HK01, HRK14, JC03, JCM<sup>+</sup>13, JKP<sup>+</sup>17, JRGLJ<sup>+</sup>19, KCD<sup>+</sup>96, KNG02, KC03, KAM<sup>+</sup>20, KL03, KN05, KKNH02, LUV99, Lad14, LAMS<sup>+</sup>01, LSB<sup>+</sup>02, LPA<sup>+</sup>17, LAB<sup>+</sup>17, aLCS15, LJL<sup>+</sup>17, LCG03, LDWK96, LHM14b, LSGM02, LH07, LZB96, LIS<sup>+</sup>02, LCT<sup>+</sup>07a, LCL<sup>+</sup>10, LZZ<sup>+</sup>16, MHG<sup>+</sup>04, MCPA02, MC02, MB01, MDTS08, MC18b, MV99, MAR<sup>+</sup>15, MNR<sup>+</sup>11, MPF<sup>+</sup>17, MCJ<sup>+</sup>99, MXC15, MSS<sup>+</sup>02, MMC11a, MKH<sup>+</sup>05, MLK<sup>+</sup>12, MOA<sup>+</sup>18, MBC<sup>+</sup>20, MCG<sup>+</sup>98, MGC<sup>+</sup>01, MSBS01, ONRW10, OMAA18, Pal04, PVK<sup>+</sup>20, PC00, PNL<sup>+</sup>19, PCAS05, PLHMA06, PPR<sup>+</sup>20b, RRMM05]. **Seasonal** [RMA<sup>+</sup>20, RTFB09, RRS<sup>+</sup>98, RMBG11, SMLP04, SSH<sup>+</sup>02, SWK<sup>+</sup>23, SSI<sup>+</sup>99, SG99, SBSH99, SIS<sup>+</sup>02, SGW<sup>+</sup>15, SGC03, SRP<sup>+</sup>98, SMS03, SFPH<sup>+</sup>08, SMS20, SCGB18, SAB<sup>+</sup>07, SMB<sup>+</sup>18, SGD<sup>+</sup>03, TSW<sup>+</sup>12, TCM<sup>+</sup>04, TNIW02, VH99, VABCR<sup>+</sup>24, WFA<sup>+</sup>95, WWC<sup>+</sup>99, WYW<sup>+</sup>02, WWN<sup>+</sup>02, vRPD<sup>+</sup>18, ACH02, ATS<sup>+</sup>96, ABC<sup>+</sup>05, BPC05, BMK<sup>+</sup>13, BH19a, BMRTL93, BKD06, BDR<sup>+</sup>03, BT04, CTW<sup>+</sup>15, CSZ<sup>+</sup>25, CFL<sup>+</sup>99, CBF<sup>+</sup>13, CBF<sup>+</sup>16, CDJM04, CMC<sup>+</sup>02, DSN<sup>+</sup>10, DBL<sup>+</sup>19, DCC<sup>+</sup>01, ESK<sup>+</sup>23, FPW02, GRD<sup>+</sup>08, GGRW99, GLM04, GGTMG<sup>+</sup>10, GGRW98, HBC<sup>+</sup>23, HPN<sup>+</sup>12, HRM<sup>+</sup>11, HPS<sup>+</sup>11, HON<sup>+</sup>13, HD02, INTS02, JBVW12, JBM<sup>+</sup>08, KW03, KT05, KCZ<sup>+</sup>19, KTL<sup>+</sup>00, KWW<sup>+</sup>12, KVS<sup>+</sup>09, LVP<sup>+</sup>17, LWL<sup>+</sup>24, LJBF00, LBM<sup>+</sup>17, LMC<sup>+</sup>12, LG15, MHS01, MHB05, MALT05, MCH22, MO96, MSM<sup>+</sup>02, MTWH04, NLHB01, NBSF01, OGRdO18, OENB01, OLG<sup>+</sup>01, OAH<sup>+</sup>16, PDC<sup>+</sup>99, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PMGH01, PAM<sup>+</sup>14, RJDR06]. **seasonal** [Roy05, SCL<sup>+</sup>04, SMS<sup>+</sup>07, SLA<sup>+</sup>01, SNB02, SMHB00, SDKH03, SJL05, SWLL23, SBH<sup>+</sup>02, SFB19, SFP<sup>+</sup>09, TSS<sup>+</sup>02, TRHA01, VCDAL14,

VSV<sup>+</sup>97, VLP<sup>+</sup>17, Wal94a, WDM<sup>+</sup>05, WAV<sup>+</sup>12, WAT12, WGG98, ZWM12, ZHY<sup>+</sup>13, Ano96g, SVR<sup>+</sup>00, SJ00]. **Seasonal-** [vRPD<sup>+</sup>18]. **Seasonality** [BGCH20, BG09a, CS19, IOK03, MCK<sup>+</sup>19, MMT08, NFD<sup>+</sup>02, PS20, Row13, SHW<sup>+</sup>04, UIS<sup>+</sup>03, ZSIW21, AGGdC14, BE00, BOH<sup>+</sup>04, HXC<sup>+</sup>22, LLD<sup>+</sup>17, LPD<sup>+</sup>17, PVT<sup>+</sup>21]. **seasonally** [CDRA08, GKB<sup>+</sup>18, KSM<sup>+</sup>11, RHPC<sup>+</sup>19, TBSP<sup>+</sup>18]. **seasons** [BLC<sup>+</sup>02, CLSS15, DLL<sup>+</sup>15, KJL<sup>+</sup>17, NVK<sup>+</sup>04, Sam01]. **SEATS** [WKM<sup>+</sup>07b, WKM<sup>+</sup>07c, CSL<sup>+</sup>07, LCT<sup>+</sup>07a, TWC<sup>+</sup>07, WTWC07]. **seawater** [BFC<sup>+</sup>06, FHT<sup>+</sup>14, HOD<sup>+</sup>09, Ike03, KGdC<sup>+</sup>18, KGW96, NHS<sup>+</sup>09, PPS<sup>+</sup>16, SMY<sup>+</sup>98, SKD<sup>+</sup>16, SLS<sup>+</sup>10, VS10, WCL<sup>+</sup>15b]. **SeaWiFS** [STM04b, HGAB04, BEGC04, BY04, DNH<sup>+</sup>02, Fri01, Gre01, HSO04, KBE<sup>+</sup>04, KWW04, MDH08, MFH04, RD97, SMLP04, SRY04, Ste04, SBH<sup>+</sup>01, UY04, HZK04]. **SeaWiFS-derived** [SMLP04]. **SeaWinds** [SL11]. **Sebastes** [CM16a, CM16b, SCH<sup>+</sup>19b]. **second** [CTBNL08, HBV19, STF09, STM04b, WZZ<sup>+</sup>23, BHT22, HB19, HBVG20, HBVG22, HBSV24, RDL<sup>+</sup>09]. **second-moment** [WZZ<sup>+</sup>23]. **Secondary** [SR08b, BT15, MBP09, ZJA16]. **secrets** [LWB<sup>+</sup>07]. **Section** [Cra97, JM15, BH97, CAS<sup>+</sup>97, MHFM15, RSB<sup>+</sup>15, Whe97, BSS15]. **sections** [BHLS15, JLL<sup>+</sup>15, JSBC15, RPS<sup>+</sup>11, SWCB02, WSFB02, vOSG<sup>+</sup>11]. **Sector** [HMS<sup>+</sup>03, KCMT<sup>+</sup>20, MHA<sup>+</sup>15, RGTv97, SWGPK17, SLP<sup>+</sup>17, VMBS03, AA15, ACSG15, ADAM02, BC11, BSK<sup>+</sup>97, Bec97, BBM<sup>+</sup>08, BFT<sup>+</sup>97, BSG<sup>+</sup>02, BCH<sup>+</sup>11, BBB<sup>+</sup>07, BNFS01, BLI<sup>+</sup>09, CSEP<sup>+</sup>17, CTBNL08, CRDP02, CAFK03a, CAFK03b, CWWB04, CFT<sup>+</sup>04, CBS11, DB97a, DSN<sup>+</sup>20, DB97b, FAS<sup>+</sup>03b, FMO02, FS07, FCAD04, Fro04, FPB04, Gai97, GBL<sup>+</sup>08, HCL<sup>+</sup>22, HFM<sup>+</sup>00, HMA20, JFK<sup>+</sup>10, KSL<sup>+</sup>04, KNV<sup>+</sup>10, KLM<sup>+</sup>11, KMD<sup>+</sup>11, LBR<sup>+</sup>11, LPFS97, LQF<sup>+</sup>02, MAH<sup>+</sup>12, MT15, MTE<sup>+</sup>02, MV01, MKT<sup>+</sup>15, MBK97, MdBL<sup>+</sup>11, MS12, NGS<sup>+</sup>15, NGM<sup>+</sup>20, NBSF01, NAB<sup>+</sup>02, NMR10, Pak04, PF04a, PF04b, PDA<sup>+</sup>20, PPR<sup>+</sup>20b, QTPS97, QB02, RHB<sup>+</sup>04, RGHN<sup>+</sup>97, RMPI<sup>+</sup>17, SGA<sup>+</sup>15, SLC<sup>+</sup>20, SMP<sup>+</sup>15, SNB02, SBN<sup>+</sup>15, SBA<sup>+</sup>20, SBvdL<sup>+</sup>02, TB97, THJ<sup>+</sup>17, Tgk<sup>+</sup>11, TLK<sup>+</sup>02, TPS<sup>+</sup>15, URDP01, VKM<sup>+</sup>10, WCJ<sup>+</sup>11, WW04a, WHNS04, WW04b, ZDW<sup>+</sup>20, dSEDW11, FBCN00]. **sectors** [BT03, RHPC<sup>+</sup>19, TCH<sup>+</sup>16, ZSKL19]. **security** [WGNH15]. **Sediment** [AKHR<sup>+</sup>20, BW93, CWFP94, DBS98, EGG<sup>+</sup>05, EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, GHM02, HLG<sup>+</sup>21, IMP<sup>+</sup>02, MISC<sup>+</sup>02, MSB<sup>+</sup>03, OMY<sup>+</sup>03, OM16, RSRL00, RMNB08, SNPS01, SMB<sup>+</sup>98, SLZ<sup>+</sup>16, ABS<sup>+</sup>14, BS03, BCWT00, BAS00, BAD<sup>+</sup>97, BJSH14, BAD<sup>+</sup>14, CCK<sup>+</sup>16, CMA<sup>+</sup>09, CDH<sup>+</sup>00, CG18, DLR<sup>+</sup>01, DPK<sup>+</sup>14, DGK10, DCR94, DSE<sup>+</sup>14, ETDB11, FA03, FKW01, GSM<sup>+</sup>08, HB03, HSB<sup>+</sup>16, HDF<sup>+</sup>01, HSM<sup>+</sup>01a, HIN<sup>+</sup>02, HLL<sup>+</sup>09, JZ01, JWCC99, KGKS20, KNG02, KGHA<sup>+</sup>01, KFW01, KSS<sup>+</sup>00b, KKNH02, Kyt02b, LPW<sup>+</sup>09, LMS09, bLHsL<sup>+</sup>13, MMG<sup>+</sup>07, MS06a, MPPR14, Mun07, NGM<sup>+</sup>05, OTNT05, OS04, PFW<sup>+</sup>09, PSK00a, PSP<sup>+</sup>09, RCL<sup>+</sup>09, RBA<sup>+</sup>01, RCW<sup>+</sup>15, RTFB09, RGHN<sup>+</sup>97, RFLW00, SLS<sup>+</sup>07, SHD<sup>+</sup>14, SFV<sup>+</sup>01, SHM<sup>+</sup>11, SKGD14, SAB<sup>+</sup>07, Thu98, TWL<sup>+</sup>15, TTA<sup>+</sup>16, WLP<sup>+</sup>09, WPW<sup>+</sup>14, Wit00, WWC<sup>+</sup>99, XA09, YA03, YPY<sup>+</sup>13, YKY<sup>+</sup>07,

ZCP<sup>+</sup>08, ZDA<sup>+</sup>16, ZEGB97, dSJB<sup>+</sup>11, vGCM00, NW01]. **sediment-trap** [HIN<sup>+</sup>02]. **sediment-water** [HDF<sup>+</sup>01]. **Sedimentary** [BLW<sup>+</sup>09, Die07, LF07, MHdS<sup>+</sup>11, MR08, PGM<sup>+</sup>15, SWC09, SKdS<sup>+</sup>14, WC09, BMGC09, CD09, DRH<sup>+</sup>09, DBDT03, DJC<sup>+</sup>14, EWP<sup>+</sup>99, EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, ERB<sup>+</sup>99, HdVGHM02, HDF<sup>+</sup>01, HMLS<sup>+</sup>06, HSD04, JWC09, LSA14, MCK<sup>+</sup>19, MFN<sup>+</sup>02, MMSS14, OHT12, RTB02, RTI<sup>+</sup>16, RPF<sup>+</sup>16, SK07]. **Sedimentation** [EFW<sup>+</sup>14, KHL<sup>+</sup>16, RHI00, SEN<sup>+</sup>95, ASS02, ASBM02, BS01, BGH<sup>+</sup>19, BCA<sup>+</sup>03, CB00a, CLPL<sup>+</sup>09, CJF<sup>+</sup>12, HWM02, HWS<sup>+</sup>07, HPK<sup>+</sup>97, LPA<sup>+</sup>95, MLG<sup>+</sup>04, PPZ93, Pfa93, PZP93, PDBH03, SR08a, SP00, SBH<sup>+</sup>02, YCT<sup>+</sup>22, ZJA16]. **sedimenting** [Hat02a, WCWW99]. **sedimentological** [ASB<sup>+</sup>02, GBO01, GMC97, KWA<sup>+</sup>20]. **Sedimentology** [CWJ99, GHM<sup>+</sup>12, NKE11, SDGH14]. **sediments** [ACQ<sup>+</sup>08, ASV18, ATN<sup>+</sup>12, AKHR<sup>+</sup>20, BN05, BN97, BMD<sup>+</sup>17, BCN<sup>+</sup>16, BGOL01, BSE<sup>+</sup>16, BGB08, BFT<sup>+</sup>97, Bla94, BFL00, BL00, BRP<sup>+</sup>13, BSS<sup>+</sup>00, BSSE16, CVA<sup>+</sup>13, CLT94, CHW<sup>+</sup>12, CZP<sup>+</sup>08, CFL<sup>+</sup>99, CAC<sup>+</sup>97, CML<sup>+</sup>09, DCL<sup>+</sup>09, DSD12, DPLB94, DTB<sup>+</sup>02, DRBM97, DZL<sup>+</sup>17, DOLP<sup>+</sup>09, Dia04, EPK<sup>+</sup>10, ESDM13, FGU04, FL02, FHT<sup>+</sup>14, GRD<sup>+</sup>08, GD07, GRSW00, GSB<sup>+</sup>03, GAC<sup>+</sup>02, GBO01, HKR<sup>+</sup>01, HTD00, HMB<sup>+</sup>96, Har94, HTPM14, HT17, HZS00, HKY<sup>+</sup>13, HWS<sup>+</sup>13, HZWW16, HPK<sup>+</sup>97, Ike03, JJVH18, JLK03, KLL03, Kel10, KCD<sup>+</sup>17, KBV<sup>+</sup>97, Kos01, LRGH<sup>+</sup>05, LMM<sup>+</sup>17, LPFS97, LMKL09, LZM<sup>+</sup>13, LYL22, LKTS01, LSOM16, MvSHD01, MS06a, MISC<sup>+</sup>02, MBB<sup>+</sup>02, MMWM00, MLR07, Mil94b, MHK<sup>+</sup>03, MB08, MSG<sup>+</sup>00, MMM<sup>+</sup>00, NEO<sup>+</sup>07, NMN<sup>+</sup>17, NAT<sup>+</sup>12, NVBJ08, OPV11, ODP<sup>+</sup>17, OJK<sup>+</sup>10, PLdL97, PTD<sup>+</sup>17, PUP<sup>+</sup>07, PBG<sup>+</sup>10, PBVC<sup>+</sup>16, PLGCL09, PDSS96, PCB<sup>+</sup>17, PGZ<sup>+</sup>09, RGTv97]. **sediments** [RTB02, RHD<sup>+</sup>11, RH07, RFLW00, RBCG10, RPZ<sup>+</sup>14, SAG<sup>+</sup>10, SA15a, SA18, SBS<sup>+</sup>00, SHS<sup>+</sup>12, SHWW22, SRAL<sup>+</sup>17, SSM<sup>+</sup>00, SW00, SEN<sup>+</sup>95, SHM<sup>+</sup>07, SM01, STWW01, SJSI00, TBC<sup>+</sup>17, TB97, Tho97, TD16, TTCD14, TIS<sup>+</sup>13, ULTL16, VVTM97, VQ97a, VQ97b, VTD24, VKM13, WSS<sup>+</sup>08, WHL<sup>+</sup>97, WKM<sup>+</sup>07a, WOM<sup>+</sup>16, WAC<sup>+</sup>09, YLR18, YBHM05, ZBC<sup>+</sup>13, ZWC<sup>+</sup>15, ZJA16, ZWL<sup>+</sup>22, Zon97]. **Sedlo** [MRMP09, BMP<sup>+</sup>09, KVB<sup>+</sup>09, MPE<sup>+</sup>09, MWB<sup>+</sup>09, SCCG09, VAK<sup>+</sup>09]. **SEEDS** [HOD<sup>+</sup>09, KNN<sup>+</sup>06, NHS<sup>+</sup>09, NTK<sup>+</sup>09, STN<sup>+</sup>09, UWTS09, WTCB09, YOI<sup>+</sup>09, ANI09, HTS<sup>+</sup>09, HKN<sup>+</sup>09, KSH<sup>+</sup>09, KWN<sup>+</sup>09, KNC<sup>+</sup>09, LLK<sup>+</sup>09, NOT<sup>+</sup>09, STF09, SSI<sup>+</sup>09, TSMS09, TNS<sup>+</sup>09]. **SEEDS-II** [HOD<sup>+</sup>09, NHS<sup>+</sup>09, STN<sup>+</sup>09, YOI<sup>+</sup>09, KSH<sup>+</sup>09, SSI<sup>+</sup>09, KWN<sup>+</sup>09, LLK<sup>+</sup>09]. **seep** [BBS<sup>+</sup>20, BLM<sup>+</sup>10, BHSJ16, CNM17, DGK10, FR10, FRC<sup>+</sup>10, FC15, HFL<sup>+</sup>15, JBS<sup>+</sup>10, KB15, LSL<sup>+</sup>15, MSD<sup>+</sup>18, MAR<sup>+</sup>17, OCG<sup>+</sup>09, ODP<sup>+</sup>17, OJK<sup>+</sup>10, PRSS23, RFJ10, RKM<sup>+</sup>22, SDB<sup>+</sup>18, SO98, WMB<sup>+</sup>13, BA94, Bis94, BFF94, Kem94, MC18a]. **SEEP-II** [BA94, Bis94, BFF94, Kem94]. **seepage** [ACBV<sup>+</sup>18, CDM<sup>+</sup>16, FC15, GPMS<sup>+</sup>16, LMG17]. **seepages** [AM22a]. **Seeps** [MKD23, AM22b, Ala22, BBAL<sup>+</sup>20, BNP<sup>+</sup>09, BPR<sup>+</sup>10, Car10, CPW<sup>+</sup>18, CBHF10, DGK<sup>+</sup>22, FYS<sup>+</sup>17, Kel10, KCD<sup>+</sup>17, LSM<sup>+</sup>06a, LPPC<sup>+</sup>10, LZM<sup>+</sup>13, MSH10, MS18, NEO<sup>+</sup>07, NMN<sup>+</sup>17, NCK<sup>+</sup>22, RDV<sup>+</sup>09, ROBV<sup>+</sup>18,

SSK<sup>+</sup>23, WB09, vCO09]. **segmented** [QNL<sup>+</sup>16]. **Segonzacia** [MCB<sup>+</sup>15]. **segregation** [GGPM05, PFP02]. **sei** [MHM<sup>+</sup>14, SGB<sup>+</sup>08]. **Seine** [VAK<sup>+</sup>09, JMP<sup>+</sup>19, BMP<sup>+</sup>09, CMH09, KVB<sup>+</sup>09, MRMP09]. **Seismic** [DBDT03]. **seismically** [RÇG18]. **Seismo** [DBD03, IAC<sup>+</sup>03]. **Seismo-stratigraphic** [DBD03]. **seismo-volcanic** [IAC<sup>+</sup>03]. **seismometer** [DBL<sup>+</sup>19]. **Selected** [HBB<sup>+</sup>13, DM16b, SE07, WYOS18]. **selection** [ABB<sup>+</sup>01, BHBC08, MPF<sup>+</sup>17, YSAER25]. **selectivity** [DTWW17, DTWW21, FBBW<sup>+</sup>10, WGST08]. **selects** [RHL<sup>+</sup>16]. **selenium** [CC01]. **semi** [DM16a, GKH<sup>+</sup>07, SAG<sup>+</sup>10, ZGW<sup>+</sup>23]. **semi-closed** [GKH<sup>+</sup>07]. **semi-enclosed** [DM16a, SAG<sup>+</sup>10, ZGW<sup>+</sup>23]. **semiannual** [AVA23]. **semidiurnal** [JR15]. **Sense** [BTD11, BGDT11, MMC11a, WGW11, dSEDW11]. **sensed** [BHMK08, BMM<sup>+</sup>99, MMC11a, PTA<sup>+</sup>99, PW12, SRW<sup>+</sup>10, SMBM99, TSPH09, UY04]. **sensible** [RFHL99, WZW<sup>+</sup>22]. **sensing** [ACG19, BOH<sup>+</sup>04, Car01, GPMZ<sup>+</sup>10, IS07, MGR03b, MMT08, NR06, PBFS06, PWTH15, PW15, PDB<sup>+</sup>16, RN06, SM96a, THV<sup>+</sup>99, VSV<sup>+</sup>97, WPAP01, ZKSS06]. **sensitive** [HFL<sup>+</sup>15]. **sensitivities** [DSC<sup>+</sup>19]. **Sensitivity** [HH05, BTD11, DBC<sup>+</sup>02, HWP<sup>+</sup>11, HSHM02, KCZ<sup>+</sup>19, SP19a, WTSP07]. **Sensor** [LCW<sup>+</sup>07, STM04b, BEB<sup>+</sup>13, HGAB04, ZKSS06, STM04a]. **sensors** [ARLB00, KMD<sup>+</sup>99, KMDW01, MDH<sup>+</sup>98, MCM<sup>+</sup>14]. **sensory** [SLD<sup>+</sup>13]. **sensu** [HNS<sup>+</sup>11]. **Senticaudata** [KGS23]. **sentinels** [MK19]. **separated** [SCM<sup>+</sup>09]. **separating** [BPS00]. **separation** [HDD<sup>+</sup>11, SRS11, STS11]. **September** [GGH98, KAM<sup>+</sup>20, Ano21m, Ano22w, Duc93, KRF01, OM14, RIBW99, SMB02]. **sequencing** [LEP14, PFdSG11]. **Sequential** [KFW01, RDBP14, SVS93]. **sequestration** [AHHCR23, BBL<sup>+</sup>13]. **SERIES** [KNN<sup>+</sup>06, Ano96g, BMK96, CRR01, SMA01, ANL13, AFM93, AKK<sup>+</sup>14, BCH<sup>+</sup>96, BGS98, BBL<sup>+</sup>13, BLO<sup>+</sup>17, CFJL96, CSL<sup>+</sup>07, CLMK13, CMA<sup>+</sup>09, DGN96, DOC01, DBH<sup>+</sup>20, FNYK02, GBP00, GUSB03, GG02, GOP<sup>+</sup>01, HBCC13, ITT12, INTS02, JMM<sup>+</sup>13, KKK<sup>+</sup>15, KM96, KL96a, KVPK20, LSST20, LBM10, LK98, LWL<sup>+</sup>24, LHS96, LPW<sup>+</sup>09, Lip01, MHS01, Mar02, MCPA02, MC02, MFH04, MK96, MSNL09, MLS<sup>+</sup>15, OLG<sup>+</sup>01, RCW<sup>+</sup>15, RT14, RAL<sup>+</sup>01, SKM01, SBG<sup>+</sup>98, SD98, SBG<sup>+</sup>03, SHM<sup>+</sup>20, SHR20, SCB<sup>+</sup>01, SMB03, TTA<sup>+</sup>16, WLP<sup>+</sup>09, WWC<sup>+</sup>99, WWW<sup>+</sup>02, WKM<sup>+</sup>07b, WKM<sup>+</sup>07c, WLT20, XA09, YA03, Har06, MW06, SD06a, SDMS06, TYBY06, TWN<sup>+</sup>06, TSN<sup>+</sup>06, WTL<sup>+</sup>06, WJS<sup>+</sup>06, BL96, IF95, LSM96, Mit96, RD97]. **Serious** [FSP<sup>+</sup>16, GGM<sup>+</sup>16]. **Sermons** [VAK<sup>+</sup>09]. **SERPENT** [GBB<sup>+</sup>17]. **serpentinization** [LLL<sup>+</sup>15]. **serum** [DRR<sup>+</sup>14]. **services** [KUT<sup>+</sup>20, LLC17, SABP<sup>+</sup>16]. **sessile** [GAP<sup>+</sup>06, KPML20]. **seston** [NCE<sup>+</sup>23]. **set** [MGT16]. **Seto** [DFY<sup>+</sup>23]. **setosa** [MA05]. **sets** [Reb03, VTA<sup>+</sup>11]. **Setting** [BGDT11, FKS18, Mas02, OGJ<sup>+</sup>19]. **settings** [GBLS00, vdLEM<sup>+</sup>14]. **settlement** [EWG94]. **Settling** [APLW09, KBV<sup>+</sup>97, NISG05, Ber01, ESA<sup>+</sup>09, GZZC10, Kaw02, LPW<sup>+</sup>09, SAL95, SCM<sup>+</sup>09, WLP<sup>+</sup>09, XA09, YA03]. **Setúbal** [dJMTGG11, IBK<sup>+</sup>11, dSJB<sup>+</sup>11]. **Several** [JAM<sup>+</sup>14]. **severity** [KAM<sup>+</sup>14].

sex [CHPF10, FLM10, KBR18, SZM10]. **sex-specific** [KBR18].  
**sex/maturity** [CHPF10]. **sexual** [LAA<sup>+</sup>14]. **Seychelles** [KOO<sup>+</sup>24].  
**Shackleton** [SAM<sup>+</sup>13]. **shade** [KPPL00]. **shadow** [RMK<sup>+</sup>14]. **shag**  
[MPF<sup>+</sup>17]. **Shallow** [OENB01, ATLD<sup>+</sup>20, ACR<sup>+</sup>20, BFC<sup>+</sup>06, BAKF03,  
CDM23, CJ19, DFD<sup>+</sup>11, GMBL10, GDM<sup>+</sup>25, HNM<sup>+</sup>20, IKR<sup>+</sup>12, KB99,  
MAN<sup>+</sup>20, Mar19, NRH<sup>+</sup>20, PBG07, RTM<sup>+</sup>20, RT20, Sco05, SBM<sup>+</sup>13,  
SHM<sup>+</sup>07, TNT<sup>+</sup>15, VK04, ZGW<sup>+</sup>23]. **shallow-** [PBG07]. **shallow-infaunal**  
[GMBL10]. **shallow-layer** [Sco05]. **shallow-water**  
[CJ19, Mar19, SBM<sup>+</sup>13, VK04]. **shape** [DF16, THT11]. **shaped** [TWL<sup>+</sup>15].  
**shaping** [SGP<sup>+</sup>02]. **Shark** [GMPSHA<sup>+</sup>13, CAJE15, CW15]. **sharks**  
[CP13, CFK15, CHG15, CGD<sup>+</sup>15, DWG<sup>+</sup>15]. **Shaw** [Won15]. **Shear**  
[Gre08, Dud06, HB05, Uml05]. **sheared** [WCL22]. **shears** [CW22].  
**Shearwater** [POI17]. **shearwaters** [HBJ02, PRDB<sup>+</sup>17]. **Shedding**  
[AA12, CH24, RSC07]. **sheds** [HON<sup>+</sup>13]. **sheet**  
[LKTS01, ZDO19, HMHY11]. **sheets** [ZRG16]. **S}helf** [WPL<sup>+</sup>15, Won15,  
WKLM15, Ano05b, Ano06f, BBR<sup>+</sup>96, Bis94, Che02, FLMF07, GH05, GHS09,  
HFP94, JR11, JCF<sup>+</sup>06a, KHL<sup>+</sup>16, MC05, MZG<sup>+</sup>24, MBL<sup>+</sup>15, PBO<sup>+</sup>11,  
PDBH03, AISR<sup>+</sup>16, AAG02, ATLD<sup>+</sup>20, ARW<sup>+</sup>04, AMTE09, BBB94,  
BGJ<sup>+</sup>06, BDWG02, BH03, BLO4, BKD06, BFF94, Blo02, BBBM04,  
BMG<sup>+</sup>17, BCP<sup>+</sup>15, BMSBM<sup>+</sup>17, CB97, CSL<sup>+</sup>22, CBCT09, CFL<sup>+</sup>99, CA06a,  
CSGC03a, CDM23, Che03, CCS<sup>+</sup>16, CHH<sup>+</sup>21, CWS05, CWFP94, Cok16,  
CPH01, CG18, CKH<sup>+</sup>08, CP02, CP05, CKB<sup>+</sup>07, CPEN08, CHH19, DND04,  
DKS03, DK04, DT08, DDLK06, DEK<sup>+</sup>08, DGS<sup>+</sup>05, EZB<sup>+</sup>20, EBG<sup>+</sup>11,  
FGU04, FWZM12, FZW<sup>+</sup>13, GPC<sup>+</sup>04, GTSC08, GWL<sup>+</sup>15, GLDCA<sup>+</sup>06,  
Gau07, GNG<sup>+</sup>22, GSM<sup>+</sup>08, GGPM05, GPB09, GAC<sup>+</sup>02, Gut06, GBD<sup>+</sup>11,  
HB03, HBT<sup>+</sup>08, HMS<sup>+</sup>13, HLZY10, HSPS24, HHD<sup>+</sup>09, HGB<sup>+</sup>13, HC05,  
HKAM12, HCG<sup>+</sup>09, HWS<sup>+</sup>13, HHP04, HS05b, HF21, HNRGL06, HCG<sup>+</sup>03].  
**shelf** [HRK14, HLM<sup>+</sup>01, IOK03, IGP<sup>+</sup>06, JCP<sup>+</sup>22, JCM<sup>+</sup>13, JWC<sup>+</sup>01,  
JHHK14, KM05a, KAW<sup>+</sup>16, KLL03, Kem94, KFF<sup>+</sup>94, KMO09, KKD06,  
KL13, KBFH14, LSC05, LS12, LSUB94, LMS09, LWL<sup>+</sup>16, Lin04, LZZ<sup>+</sup>16,  
LSWH07, LRV<sup>+</sup>02, LMC<sup>+</sup>12, MHO02, MCM<sup>+</sup>14, MBB<sup>+</sup>02, MBS<sup>+</sup>13,  
MKB<sup>+</sup>10, MSB<sup>+</sup>03, MXC15, MSJS08, MiSW08, MMMC07, MGC<sup>+</sup>14,  
MCL<sup>+</sup>12, MLH<sup>+</sup>22, MSG<sup>+</sup>00, NAT<sup>+</sup>12, NBB<sup>+</sup>02, NDE14, OBC<sup>+</sup>14, OHT12,  
OYM<sup>+</sup>13, OA11, OPV11, OGJ<sup>+</sup>19, OAH<sup>+</sup>16, PK08, PW15, PBS06,  
PKHH17, PFC19, PMM<sup>+</sup>16, PRP15, PS03, PGK14, RS02, RTFB09,  
RGL<sup>+</sup>06a, RKS<sup>+</sup>95, SMR<sup>+</sup>06, SLS17, SPF<sup>+</sup>94, SSV02, SGC03, SHR02, SK02,  
SMD06, SMD08, SHM<sup>+</sup>01, SKGD14, SGD14b, SBS07, SKM<sup>+</sup>12, SDK<sup>+</sup>16,  
SBK<sup>+</sup>16, SM23, SSR<sup>+</sup>14, SL12, SGFP13, SKM<sup>+</sup>14b, SBS<sup>+</sup>08, SHY10, Tan03,  
TIS<sup>+</sup>13, VCDAL14, WL20, WAW<sup>+</sup>05a, WFW<sup>+</sup>17, WZL<sup>+</sup>16, WGB01, Wir94,  
WWcW<sup>+</sup>15, WPFB11, WPB11, XSM<sup>+</sup>19, YMMC11]. **shelf**  
[YH10, YLH<sup>+</sup>10, ZWM12, ZTZB09, ZZM<sup>+</sup>13, ZTZ09, ZG15, BRD<sup>+</sup>18, BA02,  
CTBNL08, CLPL<sup>+</sup>09, DTWF17, DSO<sup>+</sup>00, GW15, KGB<sup>+</sup>14, KHB<sup>+</sup>04,  
LWL<sup>+</sup>24, LWZ<sup>+</sup>23, MLW<sup>+</sup>16, NWZL23, PWTH15, RA98, SWLL23,  
WWcW<sup>+</sup>15, SLB<sup>+</sup>16]. **Shelf-Basin** [Ano05b]. **shelf-depth** [NDE14].



**Shelf-Nutrient** [FLMF07]. **shelf-offshore** [PFC19]. **S}helf-Sea** [WPL<sup>+</sup>15, Won15, WKLM15, MXC15, PW15, GW15, PWTH15].  
**Shelf-slope** [HFP94, Wir94]. **shelf-sourced** [OBC<sup>+</sup>14]. **Shelf-vs** [Che02].  
**shelf/shelf** [AAG02]. **shelf/slope** [GAC<sup>+</sup>02]. **shelfbreak** [SPB<sup>+</sup>14, WGB01]. **Shelikof** [Blo02]. **Shell** [NCK<sup>+</sup>22, BJF16, CC13].  
**Shell-bearing** [NCK<sup>+</sup>22, CC13]. **shelled** [KWPB15, SWZA02]. **shellfish** [dSVC<sup>+</sup>14, ACK<sup>+</sup>14, BMH05, BCL14, DCD<sup>+</sup>14, DVC14, DRR<sup>+</sup>14, HTW14, KAM<sup>+</sup>14, MLH14, MAST05]. **shelves** [BLD<sup>+</sup>06, CB09a, DAA<sup>+</sup>20, DKS11, HMGD17, HS07, MKH<sup>+</sup>05, NMS09, PPM02, SHWW22, SLZ<sup>+</sup>16, SFK<sup>+</sup>12].  
**Shetland** [Can06, HMS<sup>+</sup>13, HKN<sup>+</sup>04, HvH04, LHKHH10, LT03].  
**Shetland-Elephant** [LHKHH10]. **shift** [BW04, FS07, HPS<sup>+</sup>11, KBL01, MBLM03, NI10]. **Shifting** [MT15]. **Shifts** [BKP<sup>+</sup>20, BFD<sup>+</sup>23, CLPL<sup>+</sup>09, EEAC<sup>+</sup>20, EAB<sup>+</sup>20, FJR<sup>+</sup>20, GBJ<sup>+</sup>15, JRK<sup>+</sup>17, KCL20, LDG<sup>+</sup>23, MCL<sup>+</sup>19, ML20, RGH<sup>+</sup>24, SL12, TSP<sup>+</sup>18].  
**Shinkai** [KFS<sup>+</sup>17]. **ship** [NBBBT13, OCKA<sup>+</sup>11, SiSA<sup>+</sup>02, WHNS04, BRG<sup>+</sup>19]. **ship-derived** [NBBBT13]. **shipboard** [AAB<sup>+</sup>97, COJ<sup>+</sup>09, FK98, GdRGLS04, HHKH<sup>+</sup>04, KFH01]. **Shoal** [ACG<sup>+</sup>17, MD17, DNR20, DGT17b, LGHD20, LMM<sup>+</sup>17, MGT<sup>+</sup>20, WFW<sup>+</sup>17].  
**Shoaling** [RAR04]. **Shoals** [AGD96]. **Shock** [AS02b, RJP18]. **shore** [BBAL<sup>+</sup>20, CFGR07, CMP14, CB09a, CMC11, HZN<sup>+</sup>16, KTP<sup>+</sup>05b]. **Short** [CBB<sup>+</sup>00, DHW98, HWK<sup>+</sup>14, LWZ<sup>+</sup>23, MDT<sup>+</sup>08, PZP93, PRB<sup>+</sup>11, SZH<sup>+</sup>04, SGP<sup>+</sup>11, Eif05, HBJ02, JW05a, JW05b, KM05a, LDW22, PWB<sup>+</sup>06, PB08, SD96, SSB<sup>+</sup>06, WAC<sup>+</sup>09, dLC<sup>+</sup>14]. **Short-lived** [CBB<sup>+</sup>00, KM05a].  
**short-tailed** [HBJ02, PWB<sup>+</sup>06, SSB<sup>+</sup>06]. **Short-term** [DHW98, HWK<sup>+</sup>14, LWZ<sup>+</sup>23, MDT<sup>+</sup>08, PZP93, PRB<sup>+</sup>11, SZH<sup>+</sup>04, SGP<sup>+</sup>11, LDW22, WAC<sup>+</sup>09, dLC<sup>+</sup>14]. **short-time** [Eif05, JW05a, JW05b]. **shortage** [WTI<sup>+</sup>20]. **shorthorn** [GNB<sup>+</sup>17]. **show** [KBB07]. **shows** [OvdRvA<sup>+</sup>22].  
**shrimp** [AI09, KSDE16, LV17, NA09, SBM<sup>+</sup>13]. **shrimp-like** [LV17].  
**shrimps** [LDBS<sup>+</sup>17]. **Si** [ATD<sup>+</sup>11, BDNS03, CSS<sup>+</sup>02, DVPR06, FBCN00, GS06b, MNPT06, MGG<sup>+</sup>09, MQACB08, NBSF01, RDP<sup>+</sup>02, RdGM<sup>+</sup>09, STN<sup>+</sup>09, SNB02, TWN<sup>+</sup>06]. **Si\*** [PDA<sup>+</sup>20]. **Si/C** [RDP<sup>+</sup>02]. **Si/N** [MQACB08]. **Siberian** [GMC<sup>+</sup>12, MEB<sup>+</sup>23]. **Siboglinidae** [ALSF<sup>+</sup>17, MHC<sup>+</sup>10]. **Sicily** [BMG<sup>+</sup>04, LSA14, MSSD93]. **sidescan** [CES98]. **Sigalionidae** [Ala18].  
**sightings** [WSP19]. **SIGMA** [AHML95]. **signal** [NAT<sup>+</sup>12, PPYN15, SLCLC<sup>+</sup>24]. **signature** [BGS09, GIPLL<sup>+</sup>14, HKFL03, PNVJ13, PGK15, ROL<sup>+</sup>15]. **Signatures** [TNT<sup>+</sup>15, ABKL96, AHHCR23, BMGF93, BHSJ16, FHYI03, GHM18, GLCU<sup>+</sup>17, HWS<sup>+</sup>98b, JBS<sup>+</sup>10, KYKJ16, KGB06, MMS<sup>+</sup>19, MSW<sup>+</sup>13, SCM<sup>+</sup>08, Sot09, VCO<sup>+</sup>15, WvdE00, WvdEP<sup>+</sup>10]. **Significance** [SLB13a, TLK<sup>+</sup>02, AKI<sup>+</sup>16, BIP<sup>+</sup>02, BTFB12, HPWP07, LCT<sup>+</sup>07b, MCLP04, OLG<sup>+</sup>01, RH07, TLKT00, ZB00]. **significant** [WP17]. **Silica** [AHV<sup>+</sup>17, BL98, ATD<sup>+</sup>11, BBA<sup>+</sup>01, DURP03, DeM02, DBN<sup>+</sup>11, FGW02,

GRD<sup>+08</sup>, IGN<sup>+10</sup>, KBV<sup>+97</sup>, KNB11, KLD21, KL96c, LQF<sup>+02</sup>, NAB<sup>+02</sup>, NW01, QB02, RGTV97, SLS<sup>+07</sup>, VQ97a, VQ97b, ZWC<sup>+15</sup>]. **silicate** [DCF<sup>+11</sup>, JCD<sup>+03</sup>, KLKB95, PPL<sup>+07</sup>, SVS93, WOM<sup>+16</sup>, WM99]. **silicate-limited** [DCF<sup>+11</sup>]. **silicates** [LKTS01]. **Siliceous** [RFLW00, VTD24, IGN<sup>+10</sup>]. **silicic** [BTV<sup>+11</sup>, BBB<sup>+11b</sup>, CHM<sup>+17</sup>, CSW<sup>+17</sup>, FBCN00, GRSW00, MAB<sup>+01</sup>, RN96, TYBY06, VVTM97]. **silicoflagellate** [OT12, TSOT16]. **Silicoflagellates** [MCK<sup>+19</sup>, OTN16, RMG<sup>+23</sup>]. **Silicon** [BNFS01, CHM<sup>+17</sup>, BJ15, CDP<sup>+02</sup>, FC07, MQACB08, QTPS97, WCY05, WWC<sup>+99</sup>]. **sill** [WZZ<sup>+23</sup>, BAC<sup>+02</sup>]. **Silver** [NTF01, RDFSWV99]. **silverfish** [OMG<sup>+11</sup>]. **SIMBA** [LTW<sup>+11</sup>]. **similarities** [GSM<sup>+08</sup>]. **similarity** [PBG07]. **Simple** [TT17, AT10, Eif05, JW05a, JW05b, LHS96, Spa99, TSDG13]. **simplex** [GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>]. **Simrothiellidae** [OBH<sup>+18</sup>]. **Simulated** [DMW<sup>+07</sup>, LGB13, WLY<sup>+22</sup>, WPAP01, BSL11, DCL<sup>+21</sup>, HH05, KM05b, LL95, NLHB01, SNPS01]. **Simulating** [LAPL<sup>+16</sup>, SDMS06, Thi05, BBL<sup>+13</sup>, EBG<sup>+15</sup>, RAC<sup>+20</sup>]. **Simulation** [MNPT06, MMC11b, GDL22, GFW07, HFKY05, MH93, MDM<sup>+13</sup>, MLW<sup>+01</sup>, PHDK11, PVT<sup>+21</sup>, SBB<sup>+05</sup>, TC06, WZZ<sup>+23</sup>]. **Simulations** [BK99, WDFK<sup>+22</sup>, AS02b, BFH<sup>+23</sup>, CA06a, CCL<sup>+14</sup>, HB05, KGJ<sup>+25</sup>, LH06, MMXS02, MBS05, PWL07, RG93, RSS01, RSSM19, WCJ<sup>+11</sup>, WSM<sup>+22</sup>]. **simultaneous** [SZM10]. **since** [ALHP18, CHL<sup>+15</sup>, DW15a, RTI<sup>+16</sup>, ZSLL15]. **single** [BLBW<sup>+11</sup>, BWS<sup>+98</sup>, Ben13, HIA<sup>+16</sup>, LZS<sup>+18</sup>, XSL<sup>+17</sup>]. **single-frequency** [BWS<sup>+98</sup>]. **single-species** [HIA<sup>+16</sup>]. **sinicus** [NLY<sup>+13</sup>]. **sinistral** [WCK<sup>+18</sup>]. **sinistral-oblique** [WCK<sup>+18</sup>]. **sink** [CRP<sup>+05</sup>, MLBT25, NBSM01, RW95, SCC<sup>+11</sup>]. **Sinkers** [IPH<sup>+17</sup>]. **Sinking** [LBL08, ZdBB<sup>+07</sup>, ANL13, ASF<sup>+12</sup>, DP07, GK02, HD02, ILWH03, KGKS20, KHH<sup>+17</sup>, LBV<sup>+08</sup>, LKH<sup>+07</sup>, MTMK<sup>+13</sup>, Pas16, PDC<sup>+99</sup>, PLPS98, RCW<sup>+15</sup>, SFG98, SNIT02, SHR02, SMD08, TGG<sup>+09</sup>, TRWB99, TBB<sup>+08</sup>, VABCR<sup>+24</sup>, WN01]. **sinks** [CB09a, VBF<sup>+02</sup>, WYW<sup>+02</sup>, ZX12]. **sinusoidal** [ASM06]. **SiO** [SMCA01]. **SIPEX** [HSR<sup>+16</sup>, LCvdM<sup>+16</sup>, MGH<sup>+16</sup>, WSL<sup>+11</sup>]. **SIPEX-2** [LCvdM<sup>+16</sup>, MGH<sup>+16</sup>]. **siphonophore** [RRS<sup>+98</sup>]. **Siphonophores** [PM10, PS04a]. **Sipuncula** [MA13]. **sipunculan** [SM15]. **sipunculans** [MA15, MA18a]. **Site** [AKI<sup>+16</sup>, GPK02, IOTS16, ITK<sup>+16</sup>, WOM<sup>+16</sup>, AJG<sup>+10</sup>, Ano96g, AL13, Avr02, BMK96, BCM02, BMOW09, BGG<sup>+09</sup>, BSSE16, CRJ<sup>+08</sup>, Cha03, CSL<sup>+07</sup>, CRR01, CDM<sup>+16</sup>, CMB02, CWE<sup>+17</sup>, DZY<sup>+01</sup>, DGN96, EQW<sup>+13</sup>, GOP<sup>+01</sup>, HBCC13, KGB16, MLP<sup>+10</sup>, MZH<sup>+10</sup>, OM16, OLG<sup>+01</sup>, PLS<sup>+10</sup>, PPFS17, RS02, RSH10, Roy05, ROBV<sup>+18</sup>, SC16, SD98, SWBKK10, TCG<sup>+18</sup>, TSOT16, WBML06, WAL<sup>+11</sup>, OTN16, MWK<sup>+18</sup>, RCL<sup>+09</sup>, TBB<sup>+08</sup>]. **site-U1344A** [OM16]. **Sites** [PBVC<sup>+16</sup>, BMB<sup>+18</sup>, BLW<sup>+09</sup>, Dud06, DBH<sup>+20</sup>, EQW<sup>+13</sup>, FSM93, GPMZ<sup>+10</sup>, GG95, GK16, HFL<sup>+15</sup>, HSC<sup>+07</sup>, Hus16, KSDE16, LGO08,

LKTS01, MSD<sup>+18</sup>, MSNL09, NGM<sup>+05</sup>, NCSB<sup>+98</sup>, RAL04, SRDV07, SKM01, STD<sup>+20</sup>, Thi98, VSR<sup>+10</sup>, VHC<sup>+17</sup>, VT01, WBBM01, Wit00, Zim19]. **Sitka** [RDSA<sup>+21</sup>, SMBL19]. **situ** [BB03, Boy02, BSS<sup>+02</sup>, CAGLV<sup>+06</sup>, FBCP01, GMR06, HS01, HBSL01, KWT<sup>+16</sup>, LFPC14, LAW<sup>+05</sup>, MGT16, MNB02, MRM<sup>+12</sup>, MGN<sup>+18</sup>, OE06, PTO<sup>+16</sup>, PDB<sup>+16</sup>, SMH<sup>+06</sup>, SCM<sup>+08</sup>, SNFK20, SSI<sup>+09</sup>, SAL95, TRM<sup>+14</sup>, TPP<sup>+20</sup>, TRM<sup>+15</sup>, VMBS03, VSGGPR14, WN01, WC06b, WSL<sup>+11</sup>, YOI<sup>+09</sup>, ZZP04, CFR<sup>+14</sup>, CJF<sup>+98</sup>, ETP<sup>+16</sup>, KLTS13, KSH<sup>+09</sup>, LPdR<sup>+14</sup>, LCL<sup>+09</sup>, Mah16, MMS<sup>+16</sup>, PGPP<sup>+13</sup>, RJM<sup>+15</sup>, TSMS09, VKC09, WJS<sup>+10</sup>, YSHS08]. **situations** [CRNP06]. **six** [JBOH10, JBÖ<sup>+16</sup>, LPM<sup>+19</sup>, RP17, SYS05, SBC17]. **sixgill** [CW15]. **Size** [CSM13b, CLSS15, DCA09, FHAH16, FPB04, GKBG17, IHI<sup>+97</sup>, JPSB93, KRGT14, LOA15, LL95, NPA<sup>+22</sup>, OBM<sup>+93</sup>, RWR<sup>+02</sup>, SH99c, THT11, TLKT00, VFS02, ABC<sup>+05</sup>, ADGA05, ADGA06, BBLE24, BHHM<sup>+12</sup>, CD20, DMS<sup>+10</sup>, DTWW17, DTWW21, DPS<sup>+14</sup>, DTP<sup>+05</sup>, EWF<sup>+18</sup>, FJR<sup>+20</sup>, GRWW01, GGTMG<sup>+10</sup>, HSBT19, HAM<sup>+15</sup>, Jac95a, JLAD95, JZ93, JPZ93, KSL<sup>+04</sup>, KMOM19, LWSA08, LDHO<sup>+14</sup>, LHZJ13, LWB<sup>+20</sup>, LAPL<sup>+16</sup>, LBE06, MSW<sup>+13</sup>, Mil94b, MHVM<sup>+08</sup>, NGM<sup>+20</sup>, OUJ<sup>+19</sup>, PAR<sup>+08</sup>, PTD<sup>+14</sup>, PW12, RSW<sup>+13</sup>, RE98, RJGBF02, SHI06, SG99, SOS01, SHWW22, SP00, SWH08, SBE<sup>+99</sup>, SLLT10, TLSY11, TKF16, TDKA05, VvdLS11, WHF<sup>+19</sup>, WSE<sup>+16</sup>, YWI<sup>+02</sup>, ZSZ<sup>+19</sup>, ZTZB09]. **size-at-age** [HSBT19]. **size-based** [RSW<sup>+13</sup>]. **Size-differential** [TLKT00]. **Size-fractionated** [CLSS15, FPB04, JPSB93, LOA15, OBM<sup>+93</sup>, RWR<sup>+02</sup>, SH99c, VFS02, DPS<sup>+14</sup>, PTD<sup>+14</sup>, SG99, TDKA05, VvdLS11]. **Size-frequency** [GKBG17]. **size-related** [MSW<sup>+13</sup>]. **sized** [PSK00a, TLK<sup>+02</sup>]. **sizes** [RCKCK07]. **Skagerrak** [Fon96]. **skate** [WST15]. **Skaugran** [WWN<sup>+02</sup>]. **skeletal** [STR<sup>+14</sup>]. **skeleton** [SMB<sup>+98</sup>]. **Skeletonema** [MGG<sup>+09</sup>]. **skeletons** [RAF<sup>+14a</sup>, RAF<sup>+14b</sup>]. **skies** [CWWB04]. **skin** [MSW11, Zül05]. **skipjack** [AKK<sup>+17</sup>]. **sled** [NCSB<sup>+98</sup>]. **sledge** [BEB<sup>+13</sup>, BHJ<sup>+14</sup>, BEM<sup>+15</sup>]. **slice** [HFM<sup>+02</sup>]. **slick** [TAB<sup>+16</sup>]. **slicks** [ZDP<sup>+16</sup>]. **slip** [CPW<sup>+18</sup>]. **slippery** [JRKR19]. **sloani** [BBB<sup>+01</sup>]. **Slope** [AKI<sup>+16</sup>, Bai09, BN04, KBB07, Lad14, dMCNC99, AAG02, ASBM02, ARK<sup>+94</sup>, BDWG02, BH99a, BBS<sup>+20</sup>, BLM<sup>+10</sup>, BRW00, BKD06, BA94, BPB<sup>+94</sup>, BG94, BH94, BD94, Bla94, BPBJ13, BHSJ16, BAF<sup>+18</sup>, CLT94, Car10, CRMI18, CBHF10, CDL94, DGN<sup>+17</sup>, DPLB94, DTB<sup>+02</sup>, DGK<sup>+22</sup>, DCR94, DGB<sup>+98</sup>, EBGCL08, GPC<sup>+04</sup>, GPMZ<sup>+10</sup>, GBPB<sup>+13</sup>, GPB09, GOM<sup>+09</sup>, GAC<sup>+02</sup>, Har94, Hec94, HdMR<sup>+99</sup>, Hil94, HC05, HvH04, HFP94, JWO<sup>+09</sup>, JBS<sup>+10</sup>, JMM<sup>+13</sup>, KGB<sup>+11</sup>, Kem94, KBKW13, LG00, MSH10, MA18a, MA18b, MAK<sup>+16</sup>, MBB<sup>+02</sup>, MMWM00, MKB<sup>+10</sup>, Mil94b, MKKF18, MMM<sup>+00</sup>, NR00, NCSB<sup>+98</sup>, OTN16, OAH<sup>+16</sup>, PGS14, PS03, RV00, RH94, RFJ10, RSH10, RTM14, RQRVM10, RKM<sup>+22</sup>, SLS17, SC10, SL94, SE14, SM20, SN00, TSOT16, TBA<sup>+02</sup>, TWL<sup>+15</sup>, WRZ<sup>+19</sup>, WZZ<sup>+19</sup>, WLZ<sup>+19</sup>, Wir94, YXC<sup>+19</sup>, ZZY<sup>+19</sup>, ZLW<sup>+19</sup>, ZWQ<sup>+19</sup>, ZSZ<sup>+19</sup>, ZWJ<sup>+19</sup>]. **slope** [ZZM<sup>+13</sup>, ZS19, SRY04, YERT13]. **slow** [MR15]. **Slowing** [Jur20].

**Slupsk** [BRSB16]. **slush** [JVL<sup>+</sup>16]. **SM** [LZS<sup>+</sup>18]. **SM-A87** [LZS<sup>+</sup>18].  
**Small** [FVW08, Gre04, HEW15, JSP<sup>+</sup>17, SVB<sup>+</sup>19, SGB<sup>+</sup>08, WSF<sup>+</sup>24, vHSM04b, AML<sup>+</sup>19, ADRS19, BvGH<sup>+</sup>17, CGR<sup>+</sup>96, CMC11, CWE<sup>+</sup>17, DLWW23, DLB02, GMD07, HK08, HPM02, IARR01, JRGLJ<sup>+</sup>19, KOM17, LTF<sup>+</sup>19, LM96, MCL<sup>+</sup>19, MT98, PRC<sup>+</sup>09, PSK00a, SSW05, SHW<sup>+</sup>16, THT11, YCA<sup>+</sup>20, vFvdBB<sup>+</sup>02]. **small-celled** [HK08]. **Small-scale** [FVW08, Gre04, HEW15, SGB<sup>+</sup>08, AML<sup>+</sup>19, HPM02, IARR01, LM96, SHW<sup>+</sup>16, vFvdBB<sup>+</sup>02]. **small-sized** [PSK00a]. **smelt** [LZL<sup>+</sup>22]. **Smith** [SL06]. **smithii** [CB00a, VAM97]. **SML** [VSR<sup>+</sup>10]. **smooth** [ZRG16, ZDO19]. **snapshot** [BBB<sup>+</sup>11a, KVPK20]. **Snow** [Ald95, DBMI17, FJR<sup>+</sup>20, GKBG17, HNW<sup>+</sup>08, JVL<sup>+</sup>16, LT16, LTW<sup>+</sup>11, Pas16, SBG<sup>+</sup>03, SHW<sup>+</sup>16, TMT<sup>+</sup>11, TML<sup>+</sup>16, WSL<sup>+</sup>11, ZAC<sup>+</sup>15]. **SNPs** [BLBW<sup>+</sup>11, XSL<sup>+</sup>17]. **SNVs** [XSL<sup>+</sup>17]. **soaked** [PUP<sup>+</sup>07]. **SOAR** [MSV18]. **social** [SBL<sup>+</sup>18, VF08]. **socialis** [BLB<sup>+</sup>02]. **society** [Ham07]. **socio** [RDSA<sup>+</sup>21]. **socio-ecological** [RDSA<sup>+</sup>21]. **socketeye** [RNB07, SAB08]. **Socotra** [WST15]. **soft** [AWL<sup>+</sup>09, BBLE24, DCH04, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, RVD<sup>+</sup>10]. **soft-bottom** [BBLE24, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, RVD<sup>+</sup>10]. **SOIREEE** [BL01a, GBH<sup>+</sup>01, GSMB01, BA01, HBSL01, NW01, TA01, Zel01]. **SoJaBio** [BPBJ13, Che13, MB13, SS13a]. **SokhoBio** [Ala18, BAF<sup>+</sup>18, CP18a, GMB18, MCB18, Mar18]. **solar** [BCG04, PPRHLF02]. **SOLAS** [HLS<sup>+</sup>11]. **sole** [PDC<sup>+</sup>21]. **solenogaster** [OBH<sup>+</sup>18]. **solibores** [HvH04]. **solidissima** [BCL14]. **Soliman** [SR08b]. **solitary** [BCNS15, MDJS11]. **solitons** [WTJ<sup>+</sup>19]. **solubility** [SZG<sup>+</sup>13, VQ97a]. **soluble** [FCW<sup>+</sup>15]. **solute** [GAC<sup>+</sup>02]. **solution** [Mar19]. **solutions** [CJ19, WLD<sup>+</sup>07]. **Solving** [HZL94]. **Somali** [BC03, DH97, DQSF02, DDB<sup>+</sup>97, EO02, KRAS24, ZSIW21, ZB00]. **Somalia** [BBV00, CB00b, KBV<sup>+</sup>97, vC97]. **Some** [Bas19, FM13, JWO<sup>+</sup>09, Joh19, EWG94, FKW01, HS96, MBTM97, PRSS23, SFK<sup>+</sup>12, SKM<sup>+</sup>12]. **Somniosus** [CFK15]. **Sonar** [KR11, CES98, NDE14]. **Sonar-based** [KR11]. **Sonne** [LSU04, BM15]. **Sonnenemertes** [CAK15]. **sorption** [DSD12]. **sorting** [EBDL08]. **Soudelor** [HZYZ10]. **Sound** [BBW<sup>+</sup>15, Cam18, DZ08, GKR<sup>+</sup>18, LC16, LB18, MC18b, MCCM<sup>+</sup>98, MOA<sup>+</sup>18, BE18, BSRB17, GBP21, LKD<sup>+</sup>15, SBA18, CBA<sup>+</sup>05, LMH<sup>+</sup>18, SNMH18]. **sound-scattering** [LKD<sup>+</sup>15]. **sounder** [LMLC<sup>+</sup>17]. **Source** [BK96b, SCC<sup>+</sup>11, BPD<sup>+</sup>15, CVA<sup>+</sup>13, DHS<sup>+</sup>09, DWW<sup>+</sup>02, FGH<sup>+</sup>13b, Har94, HWP<sup>+</sup>07, KCA05, Kha18, MDH16, NMS09, PPR<sup>+</sup>20a, Rai11, SUK<sup>+</sup>06, WPB11]. **sourced** [OBC<sup>+</sup>14]. **Sources** [BBB13, CC01, MTMK<sup>+</sup>13, Pri06, RLD<sup>+</sup>15, AHV<sup>+</sup>00, BDWG02, BPF<sup>+</sup>03, BLS<sup>+</sup>97, BTS<sup>+</sup>08, CGM<sup>+</sup>07, CB09a, DTB<sup>+</sup>02, DSYH09, FC15, GDM<sup>+</sup>25, HF01, LPFS97, LRH<sup>+</sup>11, MKKF18, OSM<sup>+</sup>20, RAC<sup>+</sup>20, TD16, VBF<sup>+</sup>02, WWH97, WYW<sup>+</sup>02, YÇYTKB06, ZX12, ZWL<sup>+</sup>22]. **South** [AJP<sup>+</sup>22, BEC<sup>+</sup>96, BG94, CFV<sup>+</sup>18, CSG<sup>+</sup>15, ESL<sup>+</sup>10, GDE<sup>+</sup>96, GW15, HPY<sup>+</sup>15, HWC07, LCT<sup>+</sup>07a, LSL<sup>+</sup>15, MB96, MMC11b, OG11, PWITH15, PHD<sup>+</sup>18, PBN10, PMM<sup>+</sup>94, RSCFT<sup>+</sup>16, SGW<sup>+</sup>15, SMPSD04, VALM17,

WWcW<sup>+</sup>15, XGL15, ZHY<sup>+</sup>13, ZSLL15, WPL<sup>+</sup>15, Won15, WKLM15, ADE22, ATLD<sup>+</sup>20, ACR<sup>+</sup>20, Ano09a, BCKH07, BGDT11, Can06, CMP14, CEG<sup>+</sup>11, DPS<sup>+</sup>11, DSJ<sup>+</sup>11, ETDB11, FVSRR14, FBCN00, GQ09, GFW07, HBR11, HZK04, IIM02, JLTD11, JDD<sup>+</sup>11, JDBP<sup>+</sup>05, KCTG16, KIM08, KVPK20, KWH<sup>+</sup>05, MAR<sup>+</sup>15, MLBT25, MFS<sup>+</sup>23, NMWH19, OB22a, OB22b, PRMM<sup>+</sup>17, RLH<sup>+</sup>03, RNR20, SYZ<sup>+</sup>24, TPW07, TRHA01, TWPP07, VLK06, VFS02, VKG93, WGWW11, WNA<sup>+</sup>10, WRS99, ZRC<sup>+</sup>11, ZGGF22, APL<sup>+</sup>23, ACV<sup>+</sup>01, ACG<sup>+</sup>01, AJR<sup>+</sup>15, BJK<sup>+</sup>22, BCG<sup>+</sup>22, Ber24, BW99a, BN04, BSZ99, BY04, BHJ<sup>+</sup>14, CSL<sup>+</sup>22, CdST<sup>+</sup>17, CG21, ILCCC07, CHL<sup>+</sup>15, CLSS15, CSL<sup>+</sup>07, CCC<sup>+</sup>03, CWEHT22]. **South** [CWS<sup>+</sup>23, CHH<sup>+</sup>22, CHR97, DW15a, DDN<sup>+</sup>04, DHS<sup>+</sup>14, DNR20, DRR17, DLL<sup>+</sup>15, FC15, FSGV<sup>+</sup>09, GWL<sup>+</sup>15, GM11, GSB<sup>+</sup>23, HSR<sup>+</sup>23, HRSJ23, HLG<sup>+</sup>21, HNM<sup>+</sup>20, HMS<sup>+</sup>13, HKN<sup>+</sup>04, HKAM12, HSR<sup>+</sup>22, HSD04, HFL<sup>+</sup>15, HZ19, HHX<sup>+</sup>10, JSWB21, JKB04, JRG<sup>+</sup>22, JFK<sup>+</sup>10, JBVW12, KFS<sup>+</sup>17, KMG<sup>+</sup>20, KWW04, LRFK99, LOA13, LSNH15, LDBS<sup>+</sup>17, LSU04, LLH<sup>+</sup>15, LW15, LWW<sup>+</sup>15, LCW<sup>+</sup>07, LH07, LTW<sup>+</sup>22, LKH<sup>+</sup>07, LCT<sup>+</sup>07b, LBY<sup>+</sup>10, LPAR24, LHKHH10, LCE<sup>+</sup>23, LT03, LFKF<sup>+</sup>17, MS99, MV19, MMH<sup>+</sup>08, MNR<sup>+</sup>11, MGR03b, MF09, NTF01, NMR10, NRH<sup>+</sup>20, NRBO<sup>+</sup>05, PHM06, PW15, PD01, RCW<sup>+</sup>15, RPB02, RHB<sup>+</sup>04, RSCFT<sup>+</sup>13, RTM<sup>+</sup>20, RAB<sup>+</sup>17, Rog17, SKC99, SHD<sup>+</sup>14, SHB02, SRW<sup>+</sup>10, SLHS20, SHC<sup>+</sup>22, SBC17, SDGH14, SLC<sup>+</sup>15, SLB<sup>+</sup>15, Sum19, TGLN93, TTLP06, TM22, TWL<sup>+</sup>15, UP09, VVV04a, VTD<sup>+</sup>20, VM01, WKM<sup>+</sup>07a, WT14, WLD15, WZC<sup>+</sup>19, WRZ<sup>+</sup>19, WZZ<sup>+</sup>19, WT12, WC07a, WAN<sup>+</sup>15]. **South** [WKM<sup>+</sup>07c, WYIT13, WC07b, WDC<sup>+</sup>15, WCL<sup>+</sup>15b, YXC<sup>+</sup>19, YZZ<sup>+</sup>19, YKY<sup>+</sup>07, You99, YMMC11, ZV13, ZWC<sup>+</sup>15, ZLZ<sup>+</sup>15, ZZY<sup>+</sup>19, ZLW<sup>+</sup>19, ZWQ<sup>+</sup>19, ZSZ<sup>+</sup>19, ZWJ<sup>+</sup>19, ZS19]. **south-central** [BCKH07]. **South-east** [PBN10, ADE22, OB22a, OB22b, SHD<sup>+</sup>14]. **south-eastern** [TPW07]. **South-equatorial** [SKC99]. **south-west** [MAR<sup>+</sup>15, MFS<sup>+</sup>23, WNA<sup>+</sup>10, WRS99, ZRC<sup>+</sup>11, ZGGF22, AJR<sup>+</sup>15, JFK<sup>+</sup>10, LDBS<sup>+</sup>17]. **south-western** [ATLD<sup>+</sup>20, ACR<sup>+</sup>20, MLBT25, NMWH19]. **southcentral** [BMB<sup>+</sup>18]. **Southeast** [SH02, ULH<sup>+</sup>21, BES11, BSG<sup>+</sup>11, Ber24, Blo02, BA02, Bor01, BTUV08, CP02, DMW<sup>+</sup>07, GEP<sup>+</sup>16, GS06a, LWO<sup>+</sup>09, MFPL19, NBB<sup>+</sup>02, NDD<sup>+</sup>14, OS02, PPB<sup>+</sup>22, RPMS95, SKR<sup>+</sup>12, SWCB02, TBH09, WSFB02, WKM<sup>+</sup>07b, WKM<sup>+</sup>07c, BT98, BNP<sup>+</sup>09, KMOM19, MC18a, MSRM08, RCL<sup>+</sup>09, SBK<sup>+</sup>16, VBM<sup>+</sup>19, Wei15, WNHF<sup>+</sup>15]. **southeastern** [AZK<sup>+</sup>20, AKHR<sup>+</sup>20, BRB<sup>+</sup>13, CKH<sup>+</sup>05, CKB<sup>+</sup>07, CML<sup>+</sup>14, ESDM13, FB05, GGC19, HSHM02, HSW<sup>+</sup>02, HBJ02, HSSN08, HRK14, KHS<sup>+</sup>02, KIM08, MHO02, Mac08, MDH16, OMS06, OYM<sup>+</sup>13, PC08, RS02, SMZ<sup>+</sup>08, SBB<sup>+</sup>11, SHM13, SNS<sup>+</sup>16, SS02, SDAH<sup>+</sup>12, SHR02, SKSW02, SBS07, SKM<sup>+</sup>12, SGM<sup>+</sup>14, SHPM14, SF08, SPP22, TKF07, OGG<sup>+</sup>20, RD02, SDL22, SSDA13, JJVH18]. **southerly** [BSH<sup>+</sup>11, RPMS95]. **Southern** [AS01b, BTFB12, BTR95, BSL08a, BTUV08, CBB<sup>+</sup>00, ETD<sup>+</sup>11, FWP<sup>+</sup>07, FvFC<sup>+</sup>11, GAL<sup>+</sup>20, GFPM02, HC15, HBC<sup>+</sup>23, HPM02, JSWB21, JBVW12, LBR<sup>+</sup>11, LRL<sup>+</sup>22, LCE<sup>+</sup>23, MB07a, MSF<sup>+</sup>22, MMH<sup>+</sup>08, MNR<sup>+</sup>11,

MDS<sup>+</sup>16, PDH<sup>+</sup>11, PHE<sup>+</sup>18, PSF<sup>+</sup>07, SBQ<sup>+</sup>02, SAM<sup>+</sup>00, SA03, TM22, TVLB08, VPP07, WAL<sup>+</sup>11, YMMC11, ZLJ08, vBBR<sup>+</sup>08, AGGdC14, AKZL16, AKM<sup>+</sup>05, BMS<sup>+</sup>18, BTR20, BvWR<sup>+</sup>20, BBR<sup>+</sup>96, BA94, BG09b, BT03, CRD01, CTW<sup>+</sup>15, CHPS00, CDG00, CCC<sup>+</sup>03, CTW<sup>+</sup>20, CD20, CPW<sup>+</sup>18, DLLK15, DMC<sup>+</sup>01, EWP<sup>+</sup>99, ESWL20, EMEP18, EPHE18, FLM10, FPW02, FGH<sup>+</sup>13a, FS14, GBC<sup>+</sup>13, GHM18, GGAMV<sup>+</sup>23, GPCT23, GBC<sup>+</sup>05, GMC<sup>+</sup>12, GZZC10, HA10, HHMF11, dITGCAB<sup>+</sup>03, HSH<sup>+</sup>13, HFP94, HV03, IBD10, IAA96, iTT<sup>+</sup>15, JCM<sup>+</sup>13, KLL03, KFA<sup>+</sup>20, LCR<sup>+</sup>96, LM01, LBB<sup>+</sup>06, LAT<sup>+</sup>18, MPMD<sup>+</sup>06, MC06, MCM<sup>+</sup>14, MWK<sup>+</sup>20, MGJ<sup>+</sup>18, MC18a, MWT<sup>+</sup>17, MNSMN<sup>+</sup>04]. **southern** [MCS<sup>+</sup>09, MT96, MdSLH13, NDD<sup>+</sup>14, PS04a, PKHH17, PvRR18, PJC19, PMF<sup>+</sup>17, PBGCD<sup>+</sup>13, PJLO<sup>+</sup>17, PNC<sup>+</sup>06, QS04, RWT<sup>+</sup>20, RLB03, RYT01, SMR<sup>+</sup>06, SSWM18, SWK<sup>+</sup>23, SMS01, SPF<sup>+</sup>94, SFK<sup>+</sup>12, SBK<sup>+</sup>16, STS<sup>+</sup>15, VGGLB15, VTD24, VDS<sup>+</sup>20, WMW<sup>+</sup>20, WL20, WOM<sup>+</sup>16, WTJ<sup>+</sup>19, WZ03, WWHT20, XWZ24, YSBH06, YLBdR03, YS01, ZZM<sup>+</sup>13, dBC<sup>+</sup>09, dSSB<sup>+</sup>01, vC97, ABC<sup>+</sup>04, AMvD<sup>+</sup>12, ACPV04, ABE<sup>+</sup>11, ACFS02, AA15, ACSG15, AHK99, ADAM02, ACBMQ08, AHB<sup>+</sup>17, BC11, BCE<sup>+</sup>07, BDB97, BWL01, BCT21, BSK<sup>+</sup>97, BLBW<sup>+</sup>11, Bec97, BSS20, BBM<sup>+</sup>08, BCG04, BFT<sup>+</sup>97, BBE<sup>+</sup>13, Bis94, BSG<sup>+</sup>02, BCH<sup>+</sup>11, BL03, BPD<sup>+</sup>15, BFML<sup>+</sup>08, BABB08, BTC13, BMF<sup>+</sup>01, BL01a, Boy02, BCH<sup>+</sup>19, BVB14a, BBBM04, BBB<sup>+</sup>07, BE09, BEB11, BVB<sup>+</sup>14b, BW14, BWWG98, BB04, BCB07, BNFS01, BDNS03, BBA<sup>+</sup>01, BBD<sup>+</sup>03, CSEP<sup>+</sup>17, CRDP02, CCBL14, CGM<sup>+</sup>07]. **Southern** [CGSZ13, CAFK03a, CAFK03b, CWWB04, CFT<sup>+</sup>04, COV<sup>+</sup>08, CP03, CHH<sup>+</sup>22, CS20, CAÖT04, CBS11, CSS<sup>+</sup>02, DSN<sup>+</sup>10, DDS11, DeM02, DRBM97, DCA09, DSO<sup>+</sup>97, DKN<sup>+</sup>97, DB97a, DSN<sup>+</sup>20, Di 03, DFD<sup>+</sup>11, Die07, DWJ<sup>+</sup>15, DB97b, DB02, DLKP14, ETDB11, FdBGP11, FAS<sup>+</sup>03a, FAS<sup>+</sup>03b, FMO02, FLMF07, FRW00, FS07, FBCN00, FCA04, FCAD04, FGH<sup>+</sup>13b, FBGP01, FPGH02, Fro04, FPB04, Gai97, GBL<sup>+</sup>08, GAL<sup>+</sup>12, GCKC07, GPB09, GCB04, GPK02, HS01, HBSL01, HS98, HZMH07, Hei02, HMS<sup>+</sup>03, HWCT04, HWCT11, HFM<sup>+</sup>00, HHP04, HWS<sup>+</sup>07, HSC<sup>+</sup>07, HMA20, ISB<sup>+</sup>11, ILWH03, IIM02, IPH<sup>+</sup>17, JBM<sup>+</sup>08, KBLA97, KBB07, KSL<sup>+</sup>04, KNV<sup>+</sup>10, KCMT<sup>+</sup>20, KLM<sup>+</sup>11, KWW04, KMD<sup>+</sup>11, LB07, LGO08, LEP14, LYN<sup>+</sup>13, LW10, LGVK<sup>+</sup>14, LBB<sup>+</sup>07, LTW<sup>+</sup>22, LS10, LZL<sup>+</sup>22, LSA14, LBGW97, MQ01, MT15, MCH<sup>+</sup>13, MPL15, MTE<sup>+</sup>02, MMTT<sup>+</sup>20, MV01, MTWC<sup>+</sup>15]. **Southern** [MKT<sup>+</sup>15, MHA<sup>+</sup>15, MMH<sup>+</sup>08, Met09, MLBB14, MBK97, MvSdBL11, MdBL<sup>+</sup>11, MNV<sup>+</sup>20, MNPT06, MMT08, MBT97, MSTT07, MC13, MQACB08, MLS<sup>+</sup>15, NGS<sup>+</sup>15, NGM<sup>+</sup>20, NBSF01, NAB<sup>+</sup>02, NSvH<sup>+</sup>11, NMR10, NLY<sup>+</sup>13, NTH10, NW01, OCL<sup>+</sup>08, OSCS00, ÖCB<sup>+</sup>04, PFP02, Pak04, PF04a, PF04b, PLRV22, PDA<sup>+</sup>20, PMJW10, PMS<sup>+</sup>20, PFdSG11, Pee97, PMJ20, PLR02, PBD<sup>+</sup>02, PO15, PPR<sup>+</sup>20b, PGK15, QTPS97, QB02, Qué13, RGTV97, RDP<sup>+</sup>02, Rai11, RJM<sup>+</sup>15, RDW<sup>+</sup>22, RGW04, RMBW07, RGH<sup>+</sup>24, RHB<sup>+</sup>04, RGHN<sup>+</sup>97, RHPC<sup>+</sup>19, RW95, RMPI<sup>+</sup>17, Rod13, RDdL<sup>+</sup>13, SGA<sup>+</sup>15, SLC<sup>+</sup>20, SLS<sup>+</sup>07, STJ<sup>+</sup>08, SMCA01, SVD97, SH11a, Sch02a, SE07,

SF04, SF11, SSH<sup>+</sup>11, SMP<sup>+</sup>15, SNB02, SDB<sup>+</sup>97, SSS<sup>+</sup>11, Smi11, SBN<sup>+</sup>15, SBA<sup>+</sup>20, SWGPK17, SLC<sup>+</sup>15, SCC<sup>+</sup>11, TOF04, THJ<sup>+</sup>17, TLSW15, TDvdE<sup>+</sup>10, Tgk<sup>+</sup>11, TAL<sup>+</sup>12, TNT<sup>+</sup>15, TSSR20, TP02b, TP02a, TLK<sup>+</sup>02].

**Southern** [TPS<sup>+</sup>15, TRHA01, TA01, TDC08, TOP95, TCH<sup>+</sup>16, VQ97a, VQ97b, VSD<sup>+</sup>97, VTA<sup>+</sup>11, VVM<sup>+</sup>12, VKM<sup>+</sup>10, WN01, WW04a, WFF07, WHNS04, WCK<sup>+</sup>18, WDG<sup>+</sup>02, WvdEP<sup>+</sup>10, WW04b, WPB11, ZDW<sup>+</sup>20, bsBD<sup>+</sup>20, GBH<sup>+</sup>01, GSMB01].

**southward** [AJR<sup>+</sup>15, FS07, PMS<sup>+</sup>20].

**Southwest** [BLB<sup>+</sup>99, CDA98, DOB<sup>+</sup>01, LCL<sup>+</sup>98, Sam01, BRG17, BEGC04, BC03, BCBF03, BSRB17, CWB02, FAS<sup>+</sup>03b, FA02, HML99, HAM<sup>+</sup>15, JR04, KOO<sup>+</sup>24, LB93, MAH<sup>+</sup>12, RP17, SZH<sup>+</sup>04, SKW<sup>+</sup>04, WACGH11, ACD<sup>+</sup>17, Ark13, DT03, FYS<sup>+</sup>17, GGH98, HRX17, LBSB<sup>+</sup>17, LB98a, MMHB98, ML20, PR17, RMA<sup>+</sup>20, STB<sup>+</sup>17, SOS01, SSAL<sup>+</sup>17, WLC99].

**Southwestern** [BSL08b, MP17, BDR<sup>+</sup>03, CRA<sup>+</sup>20, ESK06, HRS<sup>+</sup>23, JKP<sup>+</sup>17, LPPK14, MAN<sup>+</sup>20, MGT<sup>+</sup>20, OTK<sup>+</sup>05, PW05, PPYN15, PSB14, RKM<sup>+</sup>23b, WC24, YK04, CBA<sup>+</sup>20, EBGCL08].

**sp** [AM15, AM18, AM22a, BCNS15, CAK15, CP18a, GMB18, Gol18, GBBS00, KBR18, MB07a, MGE13, MB18, MM15, QRE<sup>+</sup>17, SS13a, SM15, Ste13, SC15, UC13, VK04, VHM17, VWTK18, WST15, vFvBB<sup>+</sup>02].

**space** [HMSMK04, JBB<sup>+</sup>13, PBO<sup>+</sup>11, WWHT20].

**Spain** [JRGLJ<sup>+</sup>19, BFM<sup>+</sup>14, BFG<sup>+</sup>10, CJA<sup>+</sup>06, HNRGL06].

**Spanish** [CR06, Can06, DFY<sup>+</sup>23, LTL<sup>+</sup>23, WYL<sup>+</sup>20].

**Spatial** [ALHP18, AMH<sup>+</sup>01, BDL<sup>+</sup>22, BGIJ<sup>+</sup>06, BFC<sup>+</sup>06, BEC<sup>+</sup>96, BO96, BCS99, BG94, BY04, BMGC09, CJA<sup>+</sup>06, CG07, CMR<sup>+</sup>18, CRBK03, CHR97, DSB<sup>+</sup>18, DABMAMA04, DVS<sup>+</sup>14, DLW<sup>+</sup>17, DG18, EGL<sup>+</sup>16, FPB<sup>+</sup>14, FLM10, FAMY20, GMR<sup>+</sup>09, GLK<sup>+</sup>06b, GKR<sup>+</sup>18, HP98, HdMR<sup>+</sup>99, HC05, HNCW23, IFFGL<sup>+</sup>04, IIM<sup>+</sup>09, KOM17, KAI21, LBC<sup>+</sup>98, LAP<sup>+</sup>17, bLHsL<sup>+</sup>13, LMC<sup>+</sup>12, MRRG23, MDH08, MMS<sup>+</sup>19, MPH<sup>+</sup>22, MO96, MG13, MHA<sup>+</sup>15, MBK97, NR06, NBSM01, OM98, OS04, PWD<sup>+</sup>11, PPYN15, PvRR18, PH96, PMF<sup>+</sup>17, PRDB<sup>+</sup>17, PLPS98, PAM<sup>+</sup>14, PE17, QLU09, RSWG04, RMCAR06, RJDR06, SBM16, San13, SPSM23, SL94, SLM<sup>+</sup>20, TWA<sup>+</sup>12, TM22, TLP<sup>+</sup>12, WCMB06, WPW95, WW04b, XSM<sup>+</sup>19, YAS<sup>+</sup>93, ZXLL10, bsBD<sup>+</sup>20, Ano97b, BH14, BHMC05, BBS<sup>+</sup>20, BWS<sup>+</sup>98, BF14, CD09, CLL<sup>+</sup>03, CGR<sup>+</sup>96, CBSS02, CWEHT22, CSS<sup>+</sup>22a, CHH19, DS21, DCC<sup>+</sup>13, DSG<sup>+</sup>09b].

**spatial** [DRR17, DPY14, DC06, GDE<sup>+</sup>96, GSW<sup>+</sup>09, GHB<sup>+</sup>05, GGRW98, HWM02, HHMF11, HLS<sup>+</sup>02, HPY<sup>+</sup>15, HHKH<sup>+</sup>04, HSSN08, IS07, IPTH03, KWW04, KL13, LCD<sup>+</sup>24, LJBF00, MRB<sup>+</sup>14, MMID17, MHB05, Mit96, MFG<sup>+</sup>04, MMC11a, MGGTM19, MARFP08, MBC<sup>+</sup>09b, MPS<sup>+</sup>03, MTWH04, NSY04, NBBBT13, OHK<sup>+</sup>02, OTOH05, PPA10, PFP02, PTS01, PdBK<sup>+</sup>03, PFAZL09, RMA<sup>+</sup>20, RSW<sup>+</sup>13, RBP<sup>+</sup>05, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16, RJGBF02, SSH<sup>+</sup>02, SiSA<sup>+</sup>02, SLHS20, SFV<sup>+</sup>98, SBSH99, SW01, SGC03, SGI<sup>+</sup>19, SGB<sup>+</sup>08, SMS<sup>+</sup>08, SMLS02, TLSW15, UPS04, WMB<sup>+</sup>13, WC24, WMS<sup>+</sup>96, WGMC14, Ano95b].

**spatial-temporal** [CHH19].

**spatial/temporal** [SMS<sup>+</sup>08].

**Spatially** [SLT<sup>+</sup>11, BMH<sup>+</sup>94, HHD<sup>+</sup>09, TPW<sup>+</sup>16].

**spatially-diverse** [TPW<sup>+</sup>16].

**Spatially-resolved** [SLT<sup>+</sup>11].

**Spatio**

[ARR02, AGAB19, ACG19, BBH05, JBC<sup>+</sup>21, OYK15, SWBKK10, SMSI08, SBA18, TBH09, TMGLM19, YKS<sup>+</sup>19, ALR<sup>+</sup>14, MSI<sup>+</sup>08, RJB<sup>+</sup>04, SE24].

**Spatio-temporal**

[ARR02, AGAB19, ACG19, BBH05, JBC<sup>+</sup>21, OYK15, SWBKK10, SMSI08, SBA18, TBH09, TMGLM19, YKS<sup>+</sup>19, ALR<sup>+</sup>14, RJB<sup>+</sup>04, SE24].

**Spatiotemporal** [BFT10, SPEPS18, BvGH<sup>+</sup>17, TT17, WHF<sup>+</sup>19]. **spawn** [BCBB12]. **Spawning** [MBD<sup>+</sup>17, NHCL14, AI09, BE18, CHPF10, EEAA<sup>+</sup>19, FPS10, GSC<sup>+</sup>19, GGTMG<sup>+</sup>10, GGRJD<sup>+</sup>10, HSC<sup>+</sup>19, KT06, LWB<sup>+</sup>20, NDD<sup>+</sup>14, Pro09, RSB<sup>+</sup>17, SAVP12, SCH<sup>+</sup>19a]. **special**

[ABC<sup>+</sup>04, CSS<sup>+</sup>10, DNR20, FS24, Har11, HSSN08, KGB16, LSHB09, MM14, RBMY02, RH94, STM04a, STM04b, TTL<sup>+</sup>16, WTL<sup>+</sup>06, ZS19].

**specialization** [TCEW07]. **specialized** [AZYT16]. **speciation**

[AV97, ABE<sup>+</sup>11, BC11, CHN<sup>+</sup>18, CAÖT04, CWdE99, JM15, KTF07, LGC<sup>+</sup>12, MS99, MMN10, PLdL97, PD01, TY98, WLL00, WJS<sup>+</sup>06]. **Species** [BDR16, DTWW17, DTWW21, FCBD08, GRB<sup>+</sup>17, JBOH10, Kam13, Kam18, LCVV06, LCD<sup>+</sup>24, MNN10, MHC<sup>+</sup>10, NOFP14, OA11, RQRVM10, SSM09, VVV04b, ZWJ<sup>+</sup>19, AMJRD19, AM15, Ala15, Ala18, AP22, ADE22, Ano96g, BGIJ<sup>+</sup>06, BMK96, BVL04, BV04, BTR20, BPPJ15, BH97, BCNS15, BCE18, BLH05, BSCE15, BT03, BBT<sup>+</sup>18, BZvHH00, BB04, BMK09, BFK<sup>+</sup>14, BHK<sup>+</sup>10, BOJ<sup>+</sup>10, CKFC18, CSE<sup>+</sup>22, CRA<sup>+</sup>20, Che13, CP18b, CP22, CLQ<sup>+</sup>18, CBMM15, CBHF10, CMTS97, CGD<sup>+</sup>15, CP05, CPEN08, DDS11, DZL<sup>+</sup>17, DRVVS<sup>+</sup>14, DM16b, DSC<sup>+</sup>19, DAGK<sup>+</sup>17, DG18, EEAC<sup>+</sup>20, EBGCL08, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, FM13, FL02, FGB10, FNS20, GTSC08, GASGB<sup>+</sup>14, GLCU<sup>+</sup>17, Gol15, Gol18, GM22, GIPLL<sup>+</sup>14, GBSL98, GGO<sup>+</sup>14, Gut06, HDK08, HNS<sup>+</sup>11, HRS<sup>+</sup>23, HIA<sup>+</sup>16, HK10, HSZS17, IATK17, JR11, JLR<sup>+</sup>13, KBK<sup>+</sup>18, KOM17, KGB<sup>+</sup>14]. **species**

[KGS23, KBR18, KEA<sup>+</sup>17, KRHS20, LRFK99, LPdR<sup>+</sup>14, LMS15, LSHB09, LdSN<sup>+</sup>18, LTL<sup>+</sup>23, LMLC<sup>+</sup>17, MS09, MTGY05, Mah16, MA13, Mal15, MFB18, MG22, MP17, Mas01, MHPS19, MM15, MPH<sup>+</sup>16, MFS<sup>+</sup>23, MST<sup>+</sup>14, NMK<sup>+</sup>20, NCL13, OKH<sup>+</sup>22, OCG<sup>+</sup>09, OCT<sup>+</sup>19, OBH<sup>+</sup>18, PSUH<sup>+</sup>16, PC98, PRSS23, QNL<sup>+</sup>16, RCW<sup>+</sup>15, RMBW07, RMD<sup>+</sup>12, RP18, RHPC<sup>+</sup>19, RQM<sup>+</sup>08, SZM10, SLdB<sup>+</sup>15, SSMC10, SBE<sup>+</sup>07, SRA<sup>s</sup>24, SKS<sup>+</sup>23, SSAL<sup>+</sup>17, SRAL<sup>+</sup>17, SDB<sup>+</sup>19, SKMDR02, SM03, SLT<sup>+</sup>14, SHC<sup>+</sup>22, SBG<sup>+</sup>06, Tan03, UC13, VK04, VPdP06, VFFM13, Vri09, WSSN10, WAL<sup>+</sup>11, Wil08, WTA<sup>+</sup>18, XSL<sup>+</sup>17, dMGPT<sup>+</sup>14]. **species-diversity** [PC98]. **Species-specific** [NOFP14, BFK<sup>+</sup>14, RP18]. **Specific** [MNSMN<sup>+</sup>04, BFK<sup>+</sup>14, BLC<sup>+</sup>02, DEJ08, FVSRR14, GDM<sup>+</sup>25, HIA<sup>+</sup>16, KBR18, MGT16, NOFP14, OMAA18, RP18, RSGC25, SLT<sup>+</sup>11, SPW<sup>+</sup>22, VBM<sup>+</sup>19, ZRG16].

**spectacled** [CSG<sup>+</sup>13]. **spectra** [APLW09, BW93, Jac95a, JLAD95, SHI06, SP00, TSW<sup>+</sup>12, WSE<sup>+</sup>16, ZSZ<sup>+</sup>19, ZTZB09]. **Spectral**

[DNA97, Arm03, HLFP08, HS93, MHA<sup>+</sup>15]. **Spectro** [LCW<sup>+</sup>07].

**Spectro-radiometer** [LCW<sup>+</sup>07]. **spectrometry**

[SKD<sup>+</sup>16, STWW01, WJS<sup>+</sup>10]. **spectromicroscopy** [AWL<sup>+</sup>09].

**spectroscopy** [HS93]. **spectrum** [HAM<sup>+</sup>15]. **speed** [HCZ<sup>+</sup>07, Led93].



**Sperm** [MBG18, SGB<sup>+</sup>08]. **Spermonde** [CSS<sup>+</sup>10]. **Sphaerephesia** [Ala15].  
**sphaerica** [GBBS00]. **Sphaerodoridae** [Ala15, SRAL<sup>+</sup>17].  
**Sphaerodoropsis** [SRAL<sup>+</sup>17]. **Sphere** [PFW<sup>+</sup>09]. **spherical**  
 [CJ19, Joh19, Mar19, Pal19]. **spider** [ASMM11]. **Spill**  
 [NM18, ALHP18, AKZL16, CMP14, DBG<sup>+</sup>16, EBM<sup>+</sup>18, GGM<sup>+</sup>16, LMH<sup>+</sup>18,  
 LLG<sup>+</sup>16, MPM<sup>+</sup>16, Pas18, PDB<sup>+</sup>16, PFDD16, RP18, RPF<sup>+</sup>16, SAW16,  
 ZA16, ZJA16, QNL<sup>+</sup>16]. **spills** [FSP<sup>+</sup>16, RD16]. **spin** [NAT<sup>+</sup>12]. **spinax**  
 [CAJE15]. **spines** [Mah16]. **spinifera** [FPS10]. **spinifrons**  
 [EGMB13, MGE13]. **spinosum** [PPC<sup>+</sup>07]. **spionid** [GLMB18]. **Spisula**  
 [BCL14]. **splitting** [BWAS02, SAK05]. **SPOM** [ÇYAYT06]. **sponge**  
 [DJ15, DFJ18, HCBL<sup>+</sup>17, KGB<sup>+</sup>14, KBFH14, NDE14, PCF<sup>+</sup>18, SKS<sup>+</sup>23].  
**sponge-beds** [KBFH14]. **sponges**  
 [DAGK<sup>+</sup>17, GJ11, HRX17, LPAR24, RJT11, TGU<sup>+</sup>06, YSAER25, YLG<sup>+</sup>18].  
**spoon** [MA18b]. **Sporadic** [WM99]. **spores** [RGHN<sup>+</sup>97]. **spot** [GS06a].  
**spots** [Ano06g, AZYT16, PBFS06, RN06, ZKSS06]. **spotted** [KM15]. **spp**  
 [dSVC<sup>+</sup>14, AKK<sup>+</sup>05, AMK<sup>+</sup>05, BKS<sup>+</sup>10, BGMH01, CTCDD05, GTTKB14,  
 HPN<sup>+</sup>12, JLB<sup>+</sup>99, KTP05a, KIM08, LCDS00, MTK05, OLG<sup>+</sup>01, STR<sup>+</sup>14,  
 Uys06]. **spp.** [SHC<sup>+</sup>22]. **Spreading** [KL96c, BBG15, JASS02, MR15].  
**Spring** [BSK<sup>+</sup>97, BGMH01, CD99, HCS05, JCF<sup>+</sup>06b, SSE<sup>+</sup>14, SFB16,  
 TSZT13, YSBH06, ARLB00, Ald95, AMP<sup>+</sup>03, Ano95b, ADAM02, AGM<sup>+</sup>93,  
 AS95, BSMV03, BCI02, BRG<sup>+</sup>19, BDB97, BMGF93, Bec97, BS01, BSKD<sup>+</sup>07,  
 BRSIW95, CAS<sup>+</sup>16, CDG00, CC03, CCS<sup>+</sup>16, CBJ<sup>+</sup>23, DNM<sup>+</sup>16, DPS<sup>+</sup>14,  
 DSO<sup>+</sup>97, DKN<sup>+</sup>97, DB97a, DO01, DKQ<sup>+</sup>93, DC06, FMO02, FWP<sup>+</sup>07,  
 FWC<sup>+</sup>12, FD01, FG97, FWM<sup>+</sup>11, FHYI03, GWR93, GTTKB14, HNW<sup>+</sup>08,  
 HDD<sup>+</sup>11, HMAW11, HK08, HNB<sup>+</sup>13, IGN<sup>+</sup>10, IHSS<sup>+</sup>10, JCF<sup>+</sup>06a, JLR<sup>+</sup>13,  
 JZ93, KBLA97, KJL<sup>+</sup>17, KFF<sup>+</sup>94, KMM<sup>+</sup>08, KAHS20, KYI10b, KUN10,  
 KIN<sup>+</sup>10, KMO<sup>+</sup>10, KS10, KLD21, LMG93, LTW<sup>+</sup>11, LDHI93, LYN<sup>+</sup>13,  
 LHM14a, LHZJ13, LXS<sup>+</sup>13, MH93, MLG<sup>+</sup>02, MNG<sup>+</sup>11, MGH<sup>+</sup>16, MBK97,  
 MDT<sup>+</sup>08, MKS<sup>+</sup>02, NKF<sup>+</sup>10, NMK<sup>+</sup>20, NSY04, NYH<sup>+</sup>20, NED09,  
 OVKN11, OHS10, Pee97, PTD<sup>+</sup>14, PFX<sup>+</sup>02, PCAS05, Pro09, QTPS97,  
 QB02, RWRS08, SMB<sup>+</sup>93, SCGDU09]. **spring**  
 [SPSM23, SF10, SHGB95, SvDMC<sup>+</sup>16, SSMM<sup>+</sup>08, SSHM<sup>+</sup>08, SLA<sup>+</sup>01,  
 SSR13, SET<sup>+</sup>09, SVS93, SDB<sup>+</sup>97, SGM<sup>+</sup>14, SNW08, SDLZ13, SKF<sup>+</sup>10,  
 SFP<sup>+</sup>09, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, TS93, TKF07, TT01, UWvdE<sup>+</sup>16, VGBGPA02,  
 VSS<sup>+</sup>93, VPS97, VMF<sup>+</sup>16, WAPL95, WSE<sup>+</sup>16, WT14, WGR<sup>+</sup>95, WPW95,  
 Wir94, YOK<sup>+</sup>10, YOO<sup>+</sup>10, YK04, ZZX<sup>+</sup>13, ZXH<sup>+</sup>13, vdLBB<sup>+</sup>02,  
 vdMLB<sup>+</sup>11, DCM<sup>+</sup>99, LB98a, RA98, RFB97, Sam01]. **Spring-time**  
 [YSBH06, SGM<sup>+</sup>14]. **spring/early** [FWP<sup>+</sup>07]. **spring/summer**  
 [DPS<sup>+</sup>14, PTD<sup>+</sup>14]. **Springtime** [FPW02, GP08]. **Spumellaria** [IUdV<sup>+</sup>12].  
**Spur** [SHM<sup>+</sup>07, HDF<sup>+</sup>01, HSM<sup>+</sup>01a, HCG<sup>+</sup>01]. **squaliform**  
 [CP13, CGD<sup>+</sup>15]. **SQUAM** [DIM<sup>+</sup>12]. **squat** [CRT<sup>+</sup>00]. **Squid**  
 [Ark13, OSG<sup>+</sup>13, BJP<sup>+</sup>22, FEB<sup>+</sup>13, IDSM04, JKJ<sup>+</sup>22, JRG<sup>+</sup>22, NA13,  
 PNJV13, Rod13, SRS<sup>+</sup>20, Sei13, SMV<sup>+</sup>13, SFMG13, SGFP13, TS13, VJP<sup>+</sup>10].  
**squids** [CNOC13, LWB<sup>+</sup>20, NCSO13, TTDR13, YOR13]. **Sr** [ATN<sup>+</sup>12,

HKFL03, Ike03, LLLP<sup>+</sup>03, MPS<sup>+</sup>03, PFG<sup>+</sup>03, SHWW22, SZS<sup>+</sup>07, WCJ97].  
**Sr/Ca** [SZS<sup>+</sup>07]. **SRDL** [SSWM18]. **Sri** [CS19, LPJ<sup>+</sup>19]. **SS** [DCS<sup>+</sup>18].  
**SSH** [Yu03]. **SSS** [BMT20]. **SST** [BMT20, DIM<sup>+</sup>12, KK19, NOLASZ04]. **St**  
 [DSO<sup>+</sup>00, DKI<sup>+</sup>00, DI00, GLCP12, MCS<sup>+</sup>09, PCB<sup>+</sup>00, RSRL00, RSR<sup>+</sup>00,  
 SVR<sup>+</sup>00, TLKT00, VSR<sup>+</sup>00]. **St.**  
 [FBB<sup>+</sup>13, HNB<sup>+</sup>13, KIM08, WTI<sup>+</sup>20, ZX12]. **Stability**  
 [SF11, CPEN08, Reb03, RP05]. **stabilizes** [OvdRvA<sup>+</sup>22]. **Stable**  
 [ACR<sup>+</sup>20, BLM<sup>+</sup>10, BSS<sup>+</sup>00, Car10, CCM<sup>+</sup>20, CMVS<sup>+</sup>10, MBB<sup>+</sup>14,  
 NMH<sup>+</sup>20, PGK15, RTC06, SHR02, Sot09, VCRDF99, AHV<sup>+</sup>00, BWD20,  
 BFM<sup>+</sup>14, CHV<sup>+</sup>15, CRM<sup>+</sup>16, CML<sup>+</sup>09, DBMI17, GLCU<sup>+</sup>17, HFK<sup>+</sup>02,  
 HAM<sup>+</sup>15, JSM<sup>+</sup>16, JHHK14, Kli09, KYKJ16, KHH<sup>+</sup>17, LL13, LPL<sup>+</sup>20,  
 LNDH<sup>+</sup>17, MSW<sup>+</sup>13, MC18a, MKKF18, NMS09, PVK<sup>+</sup>20, PGFP<sup>+</sup>08,  
 PCP<sup>+</sup>17, RSW<sup>+</sup>13, RKM23a, RPF<sup>+</sup>16, SRFR07, SAM<sup>+</sup>12, STS11, TSW<sup>+</sup>12,  
 WWH<sup>+</sup>10, WYPY06]. **stable-conservative** [BWD20]. **stage**  
 [BJP<sup>+</sup>22, CHPF10, CCC<sup>+</sup>23, GGPM05, Kli09, TIS<sup>+</sup>13]. **stages** [BGIJ<sup>+</sup>06,  
 BZS<sup>+</sup>16, DDAH<sup>+</sup>14, HiI<sup>+</sup>19, HiI<sup>+</sup>20, MDH16, OB22b, Pro09, RDBP14,  
 RGIH<sup>+</sup>06, SRS<sup>+</sup>20, SSDA13, SDMC03, SMV<sup>+</sup>13, TY98, ZA16, vdROO<sup>+</sup>24].  
**staghorn** [GNB<sup>+</sup>17]. **stained** [CG04, FDR<sup>+</sup>18]. **staircase** [MCM06].  
**staircases** [MCM06]. **standardized** [BCN<sup>+</sup>17]. **Standen** [CL06]. **Standing**  
 [KHC<sup>+</sup>09, OT03, SNS<sup>+</sup>07, DEL<sup>+</sup>17, DDB<sup>+</sup>97, HTD00, HAC<sup>+</sup>14, HZT<sup>+</sup>06,  
 LMG93, LBGW97, RBA<sup>+</sup>01, SP00, TZS<sup>+</sup>01, THZ06]. **Stanton** [Ano97b].  
**star** [SN00]. **starvation** [CM01, PSS<sup>+</sup>16]. **starved** [KWH<sup>+</sup>05]. **State**  
 [JBB<sup>+</sup>13, KFA<sup>+</sup>20, PFX<sup>+</sup>02, SFH<sup>+</sup>18, TAB<sup>+</sup>02, VCSM09, WH98, YHL<sup>+</sup>12].  
**State-space** [JBB<sup>+</sup>13]. **states** [DHCV19, FHAH16, HGB<sup>+</sup>16, JFM<sup>+</sup>17,  
 TCH<sup>+</sup>16, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, WYT19, BRB<sup>+</sup>13, SDL22]. **static** [RP05].  
**Station** [CBT01, WLA11, WWC<sup>+</sup>99, BGS98, BB98, DBS98, DOC01,  
 KWA<sup>+</sup>20, LSST20, LCT<sup>+</sup>07a, MHS01, MCPA02, MC02, PC00, PK03, Pfa93,  
 SBG<sup>+</sup>98, SHR20, TWC<sup>+</sup>07, WTWC07, ZLOR02, AML01, BWD20, BRPH20,  
 CFJL96, CTGD08, Chi96, CMH<sup>+</sup>20, DK96, FNYK02, INTS02, KCD<sup>+</sup>96,  
 KBD<sup>+</sup>01, KNI<sup>+</sup>05, LSST20, LAMS<sup>+</sup>01, LDWK96, LIS<sup>+</sup>02, NKA<sup>+</sup>11,  
 PLT<sup>+</sup>13, PKR<sup>+</sup>01, PDB<sup>+</sup>20, SE95, TNIW02, WCWW99]. **stationary**  
 [CFR<sup>+</sup>14, CWSH20, Hol06, STN<sup>+</sup>06, SVS<sup>+</sup>20]. **Stations**  
 [MPS<sup>+</sup>03, BDM<sup>+</sup>03, BHMK08, CM00, CGG<sup>+</sup>19, KMB11, NKE11].  
**statistical** [Ano05e, BU05, HGK<sup>+</sup>18, LM13, SS05a, SS05b]. **Statistically**  
 [Hol06]. **statistics** [SJ00]. **statocysts** [SLD<sup>+</sup>13]. **Status**  
 [LP19, PCY<sup>+</sup>13, CWSH20, CKL03, LKLK17, LSL<sup>+</sup>15, Mar13, SID19].  
**Stauromedusae** [LDSV98]. **Steady**  
 [TAB<sup>+</sup>02, BMRTL93, KB99, LS04, LGF03, YHL<sup>+</sup>12]. **Steady-state**  
 [TAB<sup>+</sup>02]. **Stealth** [LLL<sup>+</sup>15]. **Stebbing** [DHST13]. **steelhead** [WWB04].  
**steep** [DL04]. **stegocephalid** [BV04]. **Stegocephalidae** [BV04].  
**Stegocephalinae** [BV04]. **Steller** [CFGR07, GS06a]. **stenolepis** [Loh08].  
**step** [TP02b, TP02a]. **Sterechinus** [DFD<sup>+</sup>11]. **STERNA** [TOP95, TO95].  
**Sternaspidae** [KMA<sup>+</sup>18]. **Sternaspis** [KMA<sup>+</sup>18]. **Sternoptychidae**  
 [RBS17a]. **sterols** [Har94]. **stewardship** [HD17]. **sticking** [AHML95].

**stimulated** [NW01]. **stirring** [PS20]. **stn.** [FSL<sup>+</sup>01]. **Stock**  
 [VBM<sup>+</sup>19, AI09, DDB<sup>+</sup>97, HIA<sup>+</sup>16, IHPA16, KT06, LMG93, LBGW97,  
 NA13, OUJ<sup>+</sup>19, RBA<sup>+</sup>01, SNS<sup>+</sup>07, SPW<sup>+</sup>22]. **stock-specific** [SPW<sup>+</sup>22].  
**Stocks** [CDS96, CHPS00, DKQ<sup>+</sup>93, CWSH20, DSO<sup>+</sup>97, HTD00, HZT<sup>+</sup>06,  
 KG20, KHC<sup>+</sup>09, MBP09, MCS<sup>+</sup>09, PDC<sup>+</sup>21, SSP<sup>+</sup>09, SP00, TZS<sup>+</sup>01,  
 THZ06, VSV<sup>+</sup>97, WvdE00, WvdEP<sup>+</sup>10, YK05]. **stoichiometric** [HCG<sup>+</sup>03].  
**stoichiometry** [KBD<sup>+</sup>01, MHP<sup>+</sup>07, PBNF<sup>+</sup>16, YOI<sup>+</sup>09]. **Stokes**  
 [CJ19, Hen19]. **Stomach** [RWT<sup>+</sup>20, CHV<sup>+</sup>15, DBMI17]. **stomachs** [PM10].  
**Stomias** [BBB<sup>+</sup>01, BBB<sup>+</sup>01, DDAH<sup>+</sup>14, DMH19, SCH<sup>+</sup>19a]. **Stone**  
 [BOJ<sup>+</sup>10]. **storage** [CSS<sup>+</sup>22a]. **storm**  
 [KDSR19, RBO07, ZDA<sup>+</sup>16, MFE<sup>+</sup>02]. **storm-induced** [ZDA<sup>+</sup>16]. **storms**  
 [DHGO23, PMLM<sup>+</sup>02, RWG93]. **stormy** [MPV<sup>+</sup>11]. **story** [FRBB13].  
**stpichometry** [HMB<sup>+</sup>96]. **strains** [RHL<sup>+</sup>16]. **Strait**  
 [Blo02, CR06, CLPL<sup>+</sup>09, HZL94, IMP<sup>+</sup>02, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, MISC<sup>+</sup>02,  
 MMSS14, PIP<sup>+</sup>02, RVJG<sup>+</sup>05, RJGBF02, WWB04, dCHdOF<sup>+</sup>18, ES04,  
 BIP<sup>+</sup>02, BTP<sup>+</sup>18, BMG<sup>+</sup>04, BSKD<sup>+</sup>07, BCDV02, BAF<sup>+</sup>18, BAC<sup>+</sup>02,  
 CHL<sup>+</sup>15, ELB<sup>+</sup>02, ESWL20, Fig02, GCR<sup>+</sup>02, GGLP02, GLSK<sup>+</sup>17, Heb00,  
 JKN<sup>+</sup>05, JC03, KAHS20, LDV<sup>+</sup>02, LHKHH10, MTD<sup>+</sup>18, RVJG<sup>+</sup>02,  
 SCGDL02, SNH<sup>+</sup>23, SH99a, SH99b, SWC<sup>+</sup>02, SZH<sup>+</sup>04, SWO10, SJL05,  
 SABP<sup>+</sup>16, THJ<sup>+</sup>05, WGFS03, WYL<sup>+</sup>20, WWN<sup>+</sup>22, ZGW<sup>+</sup>23, vCHM18].  
**Straits** [DÁSCP02, RVZ02, VFS02, DCC<sup>+</sup>17, Gar04, Gre04, Ive04, LS04,  
 Pra04, ÁRR02, DCS<sup>+</sup>18, LAF<sup>+</sup>02, ME02]. **Strategies**  
 [DSC<sup>+</sup>19, KKH<sup>+</sup>02, LBM09, dLWFB08, BC08, BFF<sup>+</sup>10, DEJ08, DLF09a,  
 HCZ<sup>+</sup>07, MFH04, NSLAP<sup>+</sup>17, ROB<sup>+</sup>17, RDdL<sup>+</sup>13, SFPH<sup>+</sup>08, SKH<sup>+</sup>10a,  
 TGU<sup>+</sup>06, TCEW07, Wya14]. **Strategy**  
 [ROBV<sup>+</sup>18, AH17, CW18, PBB<sup>+</sup>13, SS09]. **Stratification**  
 [CMV<sup>+</sup>20, Ive04, LS12, UKJ<sup>+</sup>20, ZHD<sup>+</sup>08, DKI<sup>+</sup>00, FPW02, KxF22, LCG03,  
 LL14, PR17, RBS<sup>+</sup>17b, RMK<sup>+</sup>14, SSSC19, SF11, SD96, SF08, WC06a].  
**stratification-enhanced** [RMK<sup>+</sup>14]. **stratified** [dSVC<sup>+</sup>14, BDW<sup>+</sup>96,  
 BMR<sup>+</sup>14, DLG<sup>+</sup>14, HHH<sup>+</sup>15, KFF<sup>+</sup>94, LBR<sup>+</sup>08, LM96, LCR<sup>+</sup>96, NDG96,  
 RBMY14, Rai14, TMH<sup>+</sup>08, TMC04, Uml05, WABW02, ZFA<sup>+</sup>02].  
**Stratigraphic** [MTR<sup>+</sup>10, BLI<sup>+</sup>09, DBD03]. **stratigraphy** [AKI<sup>+</sup>16, FSG02].  
**Stream** [AHN23, DWBP13, JTDG13, LM13, MHB<sup>+</sup>23, PAUB19, RSC07,  
 RYT01, SRY04, ST13, TTFJ13]. **streams** [DME<sup>+</sup>18]. **Strebel** [GWDP11].  
**strenght** [Ano97b]. **strength** [DBN<sup>+</sup>11, LLK<sup>+</sup>16, LWO<sup>+</sup>09, WMS<sup>+</sup>96].  
**strengthening** [SYB<sup>+</sup>11]. **Stress**  
 [BFSK08, AAG19, DDLK06, HS05b, KKSA19, KKD06, LZM<sup>+</sup>13, PHD<sup>+</sup>11,  
 SCL<sup>+</sup>04, SRW<sup>+</sup>10, SSSC19, WHC24, YPY<sup>+</sup>13, YAOOW05]. **stressors**  
 [DW15b, SSP<sup>+</sup>09, WYT19, ZHX<sup>+</sup>16]. **strewn** [Kyt02a]. **Strike**  
 [MCB<sup>+</sup>15, CPW<sup>+</sup>18]. **strike-slip** [CPW<sup>+</sup>18]. **stromatolitic** [ACBV<sup>+</sup>18].  
**Strong**  
 [MHB05, OBKA17, BBB13, MP99, MBG09, OG11, PS19, SVAGRCS04].  
**strongly** [dSVC<sup>+</sup>14, HTW14]. **Structural** [IBK<sup>+</sup>11, SSK<sup>+</sup>05, SSK<sup>+</sup>07].  
**Structure**

[CPS05, DAKR20, FMWD07, MKD<sup>+</sup>20, MMJ<sup>+</sup>03, NPF<sup>+</sup>09, SMS01, ST07, SFP<sup>+</sup>09, YWI<sup>+</sup>02, ZV13, ADV<sup>+</sup>01, AVS<sup>+</sup>20, ACBMQ08, BCI02, Bai09, BH14, BPC05, BH19a, BGCH20, BvWR<sup>+</sup>20, BSKD<sup>+</sup>07, BG94, BF14, BTC13, BBLE24, BHHM<sup>+</sup>12, BL01b, BMSBM<sup>+</sup>17, CLC<sup>+</sup>98, CTBNL08, CDM23, COV<sup>+</sup>08, CBW01, CMH09, CGR<sup>+</sup>00, CSGV13, CRBK03, DMS<sup>+</sup>10, DRD06, DGN<sup>+</sup>17, DCA09, DGK10, DDB<sup>+</sup>17, DSO<sup>+</sup>00, DCH04, DCR94, DPY14, DI00, DFK<sup>+</sup>06, DHST13, ENM<sup>+</sup>14, ENM<sup>+</sup>16, EGMB13, EBDL08, EWF<sup>+</sup>18, FJR<sup>+</sup>20, FWP<sup>+</sup>07, Fro04, FB05, GBH<sup>+</sup>01, GRWW01, GSK02, GGH<sup>+</sup>00, GPF16, GPCT23, GdRGH<sup>+</sup>14, GGPM05, GIPLL<sup>+</sup>14, GS06b, GKGW22, HWTP07, HV98, HNK<sup>+</sup>12, HSK<sup>+</sup>00, HFP94, HLL<sup>+</sup>09, HPM02, HWJ20, IBD10, IFFGL<sup>+</sup>04, IHI<sup>+</sup>97, JZ93, JPZ93, KWF<sup>+</sup>19, KBL01, KFG<sup>+</sup>03, KRS<sup>+</sup>11, KFJ<sup>+</sup>05, KAM<sup>+</sup>20, KL03, KMG<sup>+</sup>20, KWW<sup>+</sup>12, KHL<sup>+</sup>17, LMLJ18]. **structure** [LK02, LS14a, LGML00, LMKL09, LWW<sup>+</sup>15, LHZJ13, LWB<sup>+</sup>20, LTW<sup>+</sup>22, LB14, LLT<sup>+</sup>00, MSH10, MBHN02, MBP<sup>+</sup>20, MWK<sup>+</sup>20, MK21, MC18b, MCH22, MTK<sup>+</sup>18, MAB<sup>+</sup>01, MSJS08, MBC<sup>+</sup>09a, MHVM<sup>+</sup>08, MT96, MBO07, MPTW11, MSBS01, NGS<sup>+</sup>15, NOLASZ04, NKK<sup>+</sup>00, NMC<sup>+</sup>07, NTH10, NDG96, NPA<sup>+</sup>22, OE06, OYM<sup>+</sup>13, OYK15, OKY<sup>+</sup>17, OS02, PF04a, PKW07, PP95, PCJ<sup>+</sup>05, PRA<sup>+</sup>95, PFPJ<sup>+</sup>09, PBO<sup>+</sup>11, PHS03, QED<sup>+</sup>14, Qué13, QRE<sup>+</sup>17, RA98, RPA07, RMB05, RJB<sup>+</sup>04, RAF<sup>+</sup>11, RCCP13, RJGBF02, RGL<sup>+</sup>06a, RWN<sup>+</sup>08, San13, SVR<sup>+</sup>00, SSMM<sup>+</sup>08, SF99, SLMP07, SOS01, SGJ<sup>+</sup>20, SKL<sup>+</sup>22, SGI<sup>+</sup>19, SSI19, SMB<sup>+</sup>98, SE14, SMPSG<sup>+</sup>04, SM20, SCWK08, SBE<sup>+</sup>99, SCSMT20, SKM<sup>+</sup>14b, SPH<sup>+</sup>08, SWMB10, SSAF02, SSI<sup>+</sup>09, SKH10b, TSW<sup>+</sup>12, TBEW99, TZS<sup>+</sup>01, TLSY11, TLR<sup>+</sup>00, TS10, ULTL16, VPdP06, VSR<sup>+</sup>00, WHF<sup>+</sup>19, WMH<sup>+</sup>07, WH98, WGB<sup>+</sup>04, WAV<sup>+</sup>12, WAT12, WvdEM00, WCH<sup>+</sup>93]. **structure** [WGR<sup>+</sup>95, WFW<sup>+</sup>17, WBD17, WABW02, WCK<sup>+</sup>18, WvdE00, WvdEP<sup>+</sup>10, YCD<sup>+</sup>06, YOO<sup>+</sup>10, YHK15, YJL16, YD09, YNK07, YLH<sup>+</sup>10, ZJH08, ZW23]. **structure-building** [GIPLL<sup>+</sup>14]. **structure-forming** [LB14]. **Structured** [TFP<sup>+</sup>16, NBCT13]. **Structures** [MDSA19, BWC<sup>+</sup>02, CR06, HCG<sup>+</sup>01, KVPK20, LSST20, LDHO<sup>+</sup>14, LXS<sup>+</sup>13, NRH<sup>+</sup>06, PPM02, RR96, SL94, SLP<sup>+</sup>09, STR<sup>+</sup>14, TR02, TRM<sup>+</sup>14]. **Structuring** [BHS<sup>+</sup>19, BMH08, CPEN08, DHGO23, Dia04, HBC<sup>+</sup>12, JTK<sup>+</sup>14]. **studied** [HM93, RSF<sup>+</sup>99]. **Studies** [CC00, CPM<sup>+</sup>18, FSK<sup>+</sup>05, MB13, MCB18, PNLF02, PNLFS03, BLSW05, BV98, BDO00, BGH99, BGS<sup>+</sup>08, BM15, BRPI02, CGG<sup>+</sup>12, CGPM13, CSM93, CM01, DGR02, Duc08, EFR<sup>+</sup>16, FGB10, Gol93, GPK02, HWCT11, HRG<sup>+</sup>16, IF95, JCF<sup>+</sup>06b, JASS02, KB99, LBM10, LLB<sup>+</sup>00, MFG<sup>+</sup>93, MSvL17, ML04, MC13, MLD97, PNLFS02, PP93, RGW04, RP18, RPF<sup>+</sup>16, RGL06b, SBKS03, SWDB<sup>+</sup>14, TYBY06, VPA<sup>+</sup>20, Web19, WBBM01, WDG<sup>+</sup>02]. **Study** [Ano96g, BMK96, BQT08, BHJ99, DFF02, DGN96, GOP<sup>+</sup>01, KRAS24, MHS01, SCB<sup>+</sup>01, SMB03, TWN<sup>+</sup>06, UWTS09, WWH<sup>+</sup>10, WCH<sup>+</sup>93, WKM<sup>+</sup>07b, WKM<sup>+</sup>07c, ABE<sup>+</sup>11, AGPR95, ANL13, AE02, Ano97b, AAL<sup>+</sup>17, BKM07, BCN<sup>+</sup>16, BMG<sup>+</sup>04, BvWR<sup>+</sup>20, BS21, BGDT11,

BTS<sup>+</sup>08, BRPH20, CAH<sup>+</sup>09, CHPF10, CBF01, CWWB04, DWG<sup>+</sup>15, DD95,  
 DRR<sup>+</sup>14, DZL<sup>+</sup>17, DK04, DKS11, DGT17b, EB01, EEAC<sup>+</sup>20, EO02,  
 EOB03, FDR<sup>+</sup>18, FC01, Gai97, GWL<sup>+</sup>15, GGH98, GGH<sup>+</sup>00, GG95, GOC09,  
 Har06, HH03, HS93, HBCC13, HZYZ10, HAM<sup>+</sup>15, JTW00, JSM<sup>+</sup>16,  
 JCD<sup>+</sup>03, JBS<sup>+</sup>13, JMM<sup>+</sup>13, KM96, KFH01, KMA<sup>+</sup>18, LTG<sup>+</sup>09, LLR<sup>+</sup>06,  
 LML<sup>+</sup>01, LT16, LVP15, LMG93, LSGM02, LCL<sup>+</sup>10, LTL<sup>+</sup>23, LPS14,  
 LSS<sup>+</sup>07, MGT<sup>+</sup>20, MLP<sup>+</sup>10, MZH<sup>+</sup>10, MCB<sup>+</sup>15, MGMP02, MPS<sup>+</sup>21,  
 MES<sup>+</sup>23, MGH<sup>+</sup>16, MKD<sup>+</sup>20, MTD<sup>+</sup>18, MW05b, MS18, MARFP08,  
 MQACB08, MSG<sup>+</sup>00, MMG98, NEO<sup>+</sup>07, NYNK05, NSH<sup>+</sup>10, NC97]. **study**  
 [NMK<sup>+</sup>20, NKB<sup>+</sup>18, OLG<sup>+</sup>01, PLS<sup>+</sup>10, PLRV22, PS23, PTS01, PRJW05,  
 PAUB19, ROB<sup>+</sup>17, Rai14, RAC<sup>+</sup>20, RAS23, RKB18, RMC<sup>+</sup>93, RDG<sup>+</sup>95,  
 RBXM15, RNP93, SCCG09, SH99a, SH99b, SBS<sup>+</sup>00, SBHS20, SK02,  
 SHM<sup>+</sup>20, SHR20, SBA<sup>+</sup>20, SGM<sup>+</sup>02, SMG<sup>+</sup>07, SAM<sup>+</sup>12, TSZ10, TSZT13,  
 TOF04, TLW<sup>+</sup>94, TPS<sup>+</sup>15, TTA<sup>+</sup>16, TO95, TOP95, VBF<sup>+</sup>02, WKM<sup>+</sup>07a,  
 WZZ<sup>+</sup>23, WZW<sup>+</sup>95, WMS<sup>+</sup>96, WBBM01, WBML06, WAL<sup>+</sup>11, WLD<sup>+</sup>06,  
 WCS07, WWW<sup>+</sup>02, Won15, WTSP07, WPFB11, ZDWR95, ZJH08, Zim19,  
 ZG15, AS01b, DD06, LMB<sup>+</sup>98, MK96, MCG<sup>+</sup>98, MJG95, SBCH02,  
 SMBM99, SAM<sup>+</sup>00]. **studying** [GMB13, KBE<sup>+</sup>04, NB10, TT17]. **Sub**  
 [AKBD13, EFR<sup>+</sup>19, FLTV97, HD07, RPA07, SLB13b, ASH<sup>+</sup>11, BK99,  
 FVSRR14, HB03, HAH<sup>+</sup>01, HAM<sup>+</sup>15, INTS02, KMM<sup>+</sup>08, LBR<sup>+</sup>11, LCS<sup>+</sup>06,  
 LSS<sup>+</sup>11, LGBC06, PDT<sup>+</sup>11b, PLL<sup>+</sup>06, PBB<sup>+</sup>13, SCPC98, WBO07, Ano09a,  
 BG09b, CEG<sup>+</sup>11, CMG<sup>+</sup>11, DPS<sup>+</sup>11, ETDB11, HRM<sup>+</sup>11, KMB11,  
 MMC11b, PHS<sup>+</sup>11b, PHD<sup>+</sup>11, WGWW11, dSEDW11]. **sub-Antarctic**  
 [ASH<sup>+</sup>11, LBR<sup>+</sup>11, LSS<sup>+</sup>11, LGBC06, PDT<sup>+</sup>11b, CEG<sup>+</sup>11, CMG<sup>+</sup>11,  
 DPS<sup>+</sup>11, ETDB11, HRM<sup>+</sup>11, KMB11, PHS<sup>+</sup>11b, PHD<sup>+</sup>11, WGWW11,  
 dSEDW11]. **Sub-Arctic** [HD07, INTS02, LCS<sup>+</sup>06, PLL<sup>+</sup>06, WBO07].  
**Sub-basin** [EFR<sup>+</sup>19]. **sub-bottom** [HB03]. **sub-euphotic** [SCPC98].  
**sub-ice** [KMM<sup>+</sup>08]. **Sub-mesoscale** [RPA07, BK99]. **Sub-Polar**  
 [SLB13b, PBB<sup>+</sup>13]. **Sub-surface** [FLTV97, FVSRR14]. **Sub-Tropical**  
 [AKBD13, HAH<sup>+</sup>01, HAM<sup>+</sup>15]. **subambulacral** [Mah16]. **Subantarctic**  
 [BSG<sup>+</sup>02, Had11, LPFS97, LQF<sup>+</sup>02, SBQ<sup>+</sup>02, TB97, WS11, BNM<sup>+</sup>07, BTD11,  
 BGDT11, GFPM02, JLTD11, OA11, DSJ<sup>+</sup>11, JDD<sup>+</sup>11, RPA07, RGHN<sup>+</sup>97].  
**Subarctic** [AHR<sup>+</sup>06, ANI09, BCS99, IYM10, NMH<sup>+</sup>06, SMH<sup>+</sup>06, TWN<sup>+</sup>06,  
 UWTS09, AKH<sup>+</sup>02, BE18, BML<sup>+</sup>06, BHJ99, BGH99, BH99b, CMB99,  
 CRM<sup>+</sup>16, CRI18, DP99, DP02, DVPR06, EBB<sup>+</sup>08, GML99, GBP21,  
 HRM<sup>+</sup>06, HOD<sup>+</sup>09, Har06, HTS<sup>+</sup>09, ITT12, KSH<sup>+</sup>09, KOS<sup>+</sup>16, KYI10a,  
 KTSI07, KSU<sup>+</sup>08, KNI<sup>+</sup>05, KNN<sup>+</sup>06, KKNH02, LIS<sup>+</sup>02, LLK<sup>+</sup>09, LSC02,  
 MBHP99, MP99, MSK<sup>+</sup>06, MJW<sup>+</sup>06, MSJ<sup>+</sup>06, MSS<sup>+</sup>02, MHM<sup>+</sup>14, NHS<sup>+</sup>09,  
 NTK<sup>+</sup>09, OTNT05, OT12, RPAD99, STK02, STN<sup>+</sup>06, STN<sup>+</sup>09, SiSA<sup>+</sup>02,  
 SD06a, STF09, SBSH99, SIS<sup>+</sup>02, SSE<sup>+</sup>14, SIFS10, SCWK08, SBA18,  
 SKF<sup>+</sup>10, SMLS02, SSI<sup>+</sup>09, TYBY06, TT05, TRWB99, TSMS09, TNIW02,  
 TTA<sup>+</sup>16, VH99, VCRDF99, VS99, WTCB09, WCH05, WSB08, WWC<sup>+</sup>99,  
 WM99, WC02, WWW<sup>+</sup>02, WC06b, WCWW99, YK16, YOI<sup>+</sup>09, ZJH08].  
**Subarctic-Pacific** [IYM10]. **subclass** [CB18]. **subducted** [KQ02].

**subduction** [KM05b]. **subduction/formation/transformation** [KM05b].  
**subject** [SAG<sup>+</sup>10]. **sublittoral** [SW09]. **Submarine**  
 [HAC<sup>+</sup>14, LSA14, MM14, WGW<sup>+</sup>19, BEZ<sup>+</sup>22, CPA<sup>+</sup>11, DHS<sup>+</sup>14, DVS<sup>+</sup>14,  
 DLKP14, FPB<sup>+</sup>14, GPÇ18, Har11, HBCG14, HRS<sup>+</sup>23, HD14, KCM<sup>+</sup>14,  
 KBI<sup>+</sup>11, KSB<sup>+</sup>03, MKKB14, MG22, MPV<sup>+</sup>11, MPPR14, MT11, MWK<sup>+</sup>18,  
 MTMH11, MMSS14, OBC<sup>+</sup>14, RGS<sup>+</sup>15, RKM<sup>+</sup>23b, SBDB09, SGB14,  
 SKS<sup>+</sup>23, Thu06, VKC09, VD98, dSJB<sup>+</sup>11, vdBGM<sup>+</sup>17]. **submerged**  
 [ÇYB<sup>+</sup>18, GSB<sup>+</sup>03, NHD11]. **submersible** [KFS<sup>+</sup>17]. **submersibles**  
 [Sag18]. **Submesoscale**  
 [HZW<sup>+</sup>23, WDD<sup>+</sup>22, WCL22, NBCT13, PS19, SD22, WSM<sup>+</sup>22, WPD22].  
**suboxic** [GLK<sup>+</sup>06a, GLK<sup>+</sup>06b, MASVB<sup>+</sup>19, OE06]. **subpinnata**  
 [dMGPT<sup>+</sup>14]. **Subpolar** [LGB13, BLG11, BHAL13, RKHK<sup>+</sup>11]. **subsea**  
 [LAPL<sup>+</sup>16]. **subseafloor** [SB98]. **subsequent** [CHN<sup>+</sup>10, LVJC17, MAH<sup>+</sup>12].  
**subsistence** [FBB<sup>+</sup>13, RH14]. **substances** [Ano99a]. **Substantial**  
 [WAK<sup>+</sup>12]. **substrata** [PPFS17]. **substrate** [RN96]. **Subsurface**  
 [SRF09b, SSG<sup>+</sup>11, BGS<sup>+</sup>08, BLP<sup>+</sup>15, HVBO08, JB01, JEK<sup>+</sup>15, MZD<sup>+</sup>11,  
 MSRM08, NSKG96, NM18, RBMY02, RS02, SYT<sup>+</sup>10, ULTL16, XWZ24].  
**subthermocline** [FKH05, WPD22]. **Subtidal** [NR00, GGP<sup>+</sup>14, HSHM02].  
**Subtropical**  
 [BMP<sup>+</sup>09, BHAL13, HMH<sup>+</sup>02, JPM99, KBL01, KD13, LKL<sup>+</sup>13, MSC04,  
 MFE<sup>+</sup>02, NGS<sup>+</sup>15, AMJRD19, AKBD13, Ang10, ARF<sup>+</sup>13, AL13, Bat01,  
 BGWF08, BGKB06, BLS<sup>+</sup>08, CTGD08, CM99a, CSH<sup>+</sup>13, CHSVB<sup>+</sup>19,  
 DSN<sup>+</sup>20, DCK01, DKJ13, EHL02, FSL<sup>+</sup>01, FKH13, GPCT23, GGTMG<sup>+</sup>10,  
 GGRJD<sup>+</sup>10, GWWL03, HLG<sup>+</sup>21, HK01, JZ93, KQ02, KKNH02, LBR<sup>+</sup>08,  
 LDS<sup>+</sup>08, LSGM02, LGB13, MFPL19, MDM<sup>+</sup>13, MV19, MWF<sup>+</sup>19, MHM<sup>+</sup>14,  
 NRBO<sup>+</sup>05, OBWK01, PPRHLF02, PW12, RJM<sup>+</sup>15, RR10, SGA<sup>+</sup>15,  
 SRHP23, SSMC10, SCWK08, SMM<sup>+</sup>06, WSB08, ZJH08, GSW<sup>+</sup>09, TPS<sup>+</sup>15].  
**subtropical/tropical** [SSMC10]. **success**  
 [BHB<sup>+</sup>07, HH03, HNB<sup>+</sup>13, MCBC08, RDBP14, SBL<sup>+</sup>18]. **succession**  
 [LDFS93, MTB09, MLK<sup>+</sup>12]. **sugars** [KMD<sup>+</sup>01]. **suggest**  
 [BFSK08, CFK15]. **suggests** [SF24, YK16]. **Suginohara** [YFY<sup>+</sup>10].  
**suitability** [DW15b, EWF<sup>+</sup>18, PSZ<sup>+</sup>19, RDW<sup>+</sup>22, WTA<sup>+</sup>18]. **suitable**  
 [CV17, PRORSV<sup>+</sup>19]. **Sula** [GMD07]. **Sulawesi** [CSS<sup>+</sup>10, WYIT13].  
**Sulfate** [PTD<sup>+</sup>17, TCG<sup>+</sup>18, BSS<sup>+</sup>00, RDV<sup>+</sup>09]. **Sulfate-** [PTD<sup>+</sup>17].  
**Sulfate-dependent** [TCG<sup>+</sup>18]. **sulfate-reducing** [RDV<sup>+</sup>09]. **sulfide**  
 [CWdE99, DZL<sup>+</sup>17, ODP<sup>+</sup>17, TLF97]. **sulfide-rich** [DZL<sup>+</sup>17, ODP<sup>+</sup>17].  
**sulfidic** [LZM<sup>+</sup>13]. **sulfur** [BSS<sup>+</sup>00, TBC<sup>+</sup>17, TSP<sup>+</sup>18, ZHD<sup>+</sup>08].  
**sulfur-oxidizing** [TSP<sup>+</sup>18]. **sulphide** [AGN<sup>+</sup>02, BAR<sup>+</sup>02, TNBL95].  
**Sulphur** [LWLS98, HTML98, HML99, LSS<sup>+</sup>09, PLdL97, TTD13].  
**sulphur-rich** [TTD13]. **Sulu** [GKH<sup>+</sup>07, KTF07, MNN10, NG07, NMC<sup>+</sup>07,  
 NEN<sup>+</sup>07, ODH<sup>+</sup>07, OOG<sup>+</sup>07, SNS<sup>+</sup>07, SNK07, TRM<sup>+</sup>07, WYIT13, YNK07].  
**Summary**  
 [KTb<sup>+</sup>05, BL01a, BEG07, EMEP18, SDB<sup>+</sup>97, SBvdL<sup>+</sup>02, WHLR13].  
**Summer** [BOKA16, DBL<sup>+</sup>05, FLTCV10, LKD<sup>+</sup>15, LPZ<sup>+</sup>04, PSHF<sup>+</sup>13,

RBS<sup>+17b</sup>, SMV<sup>+03</sup>, WvdEM00, ASMH08, AHGCNM<sup>+04</sup>, ATJ05, ÁRR02, AAMF<sup>+02</sup>, AGN<sup>+02</sup>, ACBMQ08, AGP05, BSM01a, BMCF97, BLO04, BTR95, BCH<sup>+11</sup>, BCDV02, BGD<sup>T11</sup>, BLO<sup>+17</sup>, BND<sup>+04</sup>, BL01b, CRDP02, CSGC03a, CSW<sup>+17</sup>, CMG<sup>+12</sup>, CPEN08, DSB<sup>+18</sup>, DEL<sup>+17</sup>, DPS<sup>+14</sup>, DSO<sup>+97</sup>, DKN<sup>+97</sup>, DSN<sup>+20</sup>, DO01, DKGT04, DSvR<sup>+18</sup>, DLB02, ETDB11, EGL<sup>+16</sup>, FLTV04, FLM10, FWP<sup>+07</sup>, FWC<sup>+12</sup>, Fig02, Fro04, FPB04, FAMY20, FHYI03, GMK<sup>+08</sup>, GCR<sup>+02</sup>, GTTKB14, GdRGH<sup>+14</sup>, GGLP02, GP16, GCB04, HZL<sup>+12</sup>, HHW<sup>+08</sup>, HKN<sup>+04</sup>, HCS05, HKP10, HSK<sup>+00</sup>, ITMG18, JD08, Kas24, KNV<sup>+10</sup>, KFF<sup>+94</sup>, KYKJ16, LHM14a, LLH<sup>+15</sup>, LAF<sup>+02</sup>, MKKB14, MGR<sup>+03a</sup>, MMY<sup>+20</sup>, MWK<sup>+20</sup>, McP08, MLG<sup>+02</sup>, MAB<sup>+01</sup>, MiSW08, NSH<sup>+10</sup>, NMK<sup>+20</sup>, NKK<sup>+00</sup>, NTH10, NYH<sup>+20</sup>, OACA19, OSCS00, PF02, PF04a, PF04b, PSA14, PSUH<sup>+16</sup>, PDA<sup>+20</sup>]. **summer** [PMS<sup>+20</sup>, PNH<sup>+00</sup>, PAVGBG02, PTD<sup>+14</sup>, PE17, PWJF20, PFW<sup>+20</sup>, PCAS05, PRB<sup>+11</sup>, RAC<sup>+20</sup>, RVJG<sup>+02</sup>, RVJG<sup>+05</sup>, RW95, SLC<sup>+20</sup>, SCM<sup>+02</sup>, SRS<sup>+20</sup>, SMB<sup>+93</sup>, SMZ<sup>+08</sup>, SVJRSON04, SMS<sup>+07</sup>, SMS01, SLMP07, SDL22, SMP<sup>+15</sup>, SET<sup>+09</sup>, SMB<sup>+17</sup>, SZV<sup>+19</sup>, SWH08, SWSL14, SWG14, SAM<sup>+12</sup>, SBS<sup>+02</sup>, SLP<sup>+17</sup>, SFP<sup>+09</sup>, SKMS08, SMLS02, SHKW05, TCG00, TWD<sup>+08</sup>, TFR<sup>+10</sup>, TLK<sup>+02</sup>, TPS<sup>+15</sup>, UKJ<sup>+20</sup>, VGBGPA02, VFS02, VMI<sup>+08</sup>, VKM<sup>+10</sup>, WL20, WFW<sup>+17</sup>, XZM<sup>+23</sup>, YMC<sup>+22</sup>, YWW23, YCA<sup>+20</sup>, YZZ<sup>+16</sup>, YKJ<sup>+15</sup>, ZSZ<sup>+19</sup>, ZG15, dBC<sup>+09</sup>, dCHdOF<sup>+18</sup>, dSSB<sup>+01</sup>, vdLBB<sup>+02</sup>, HBK<sup>+98</sup>, PMM<sup>+16</sup>]. **summer-time** [NSH<sup>+10</sup>, RW95]. **summer/early** [EGL<sup>+16</sup>]. **summers** [KIM08, OYM<sup>+13</sup>]. **Summertime** [FHP94, GP15, PLS<sup>+10</sup>, WNRM08, ECS<sup>+17</sup>, GVW<sup>+19</sup>, VSGM03a, VSGM03b]. **summit** [CMH09]. **sunfish** [CLC<sup>+20</sup>]. **sunken** [NMS09]. **superba** [BLBW<sup>+11</sup>, BKC<sup>V10</sup>, CHPF10, CWD<sup>+10</sup>, CKL03, Dal04, HH03, JKK<sup>+10</sup>, JH04, KKM<sup>+10</sup>, NKK<sup>+00</sup>, NCR<sup>+08</sup>, PAM<sup>+04</sup>, PNH<sup>+00</sup>, RQNO04, VMF<sup>+16</sup>, ZD04]. **superfluous** [SAVP12]. **supergiant** [JLL<sup>+13</sup>]. **supersaturation** [SE96]. **supplementary** [CVA<sup>+13</sup>]. **supplies** [MMC11b]. **Supply** [HLM<sup>+01</sup>, AAG02, BHC<sup>+01</sup>, CM00, DBS98, FBBW<sup>+10</sup>, FGH<sup>+13a</sup>, GDM<sup>+25</sup>, HHH<sup>+14</sup>, HTA<sup>+17</sup>, HLNO96, LK98, LML<sup>+01</sup>, MLP<sup>+10</sup>, MGG<sup>+17</sup>, SS09, TWG00, WLM23, Wit00]. **Support** [ZDP<sup>+16</sup>, DKC<sup>+17</sup>, DJCF09, MES<sup>+23</sup>, MXC15]. **supporting** [KUT<sup>+20</sup>]. **Suppression** [YK04, ASH<sup>+11</sup>]. **suprabenthic** [AFC<sup>+17</sup>, FS14, SE14]. **SURF** [TFP<sup>+16</sup>]. **Surface** [BTR95, CWS<sup>+23</sup>, CIMT19, DIM<sup>+12</sup>, DDL06, DTR<sup>+09</sup>, Grü99, HRT14, HS98, LNDH<sup>+17</sup>, MDI<sup>+12</sup>, MDM<sup>+13</sup>, MSB96, RS02, RTI<sup>+16</sup>, SMY<sup>+98</sup>, SGGW11, SWLW11, WNA<sup>+10</sup>, YK16, YÇYTKB06, AVA23, ATD<sup>+11</sup>, ATJ05, ACV<sup>+01</sup>, AGHS04, ATS<sup>+96</sup>, ACQ<sup>+08</sup>, ATN<sup>+12</sup>, ALT<sup>+13</sup>, BKKK24, BSG<sup>+11</sup>, BMS<sup>+18</sup>, BDB97, BAS00, BLO04, BCM02, BMML06, BHMK08, BD02, BSM01b, BTRL99, BFH<sup>+23</sup>, BSS<sup>+00</sup>, BGS<sup>+08</sup>, BW99b, BVB<sup>+14b</sup>, BL01b, BLG15, BBB13, CHW<sup>+12</sup>, CV17, CHM<sup>+17</sup>, CC15, CSW<sup>+18</sup>, CFT<sup>+04</sup>, CKY23a, CKY23b, CKS05, CFL<sup>+16</sup>, CG18, CWdE99, Dan95, DBG<sup>+16</sup>, Di 03, Dia04, DL01, Eif05, ECM<sup>+06</sup>, EHK<sup>+20</sup>, FVSRR14, FLTV97, FvFC<sup>+11</sup>, FCA04, FCAD04, FKW01, GLCP12, GMCR18, GGM<sup>+16</sup>, GRSW00, GMPS04,

HSS<sup>+</sup>12, HLL<sup>+</sup>10, HHH01, HZK<sup>+</sup>05, HA03, HAP03, HH05, HHKH<sup>+</sup>04, HZ19, HZZ10, HF21, HAD19, Ike03, JW05a, JW05b, JAP<sup>+</sup>13, KKMSM12, KOM17]. **surface** [KAI21, KL06, KT05, KR95, KSH12, KMM<sup>+</sup>08, KSU<sup>+</sup>06, KFTE14, KIS02, KS10, KVM025, Kos01, KFW01, KLM13, LMM<sup>+</sup>17, LPK<sup>+</sup>17, LN05, aLCS15, LZC<sup>+</sup>16, LB96, LGVK<sup>+</sup>14, LLG<sup>+</sup>16, LMF<sup>+</sup>21, MPMD<sup>+</sup>06, MZD<sup>+</sup>11, MvSHD01, MB01, MCS07, MKRY01, MV99, MFN<sup>+</sup>02, MLR07, Met09, MC12, MGR03b, MS12, MDGF01, MZR<sup>+</sup>95, MLS<sup>+</sup>15, NYNK05, NGS<sup>+</sup>20, NLHB01, NFD<sup>+</sup>02, NWZL23, NDD<sup>+</sup>14, OM14, OMS06, OHK<sup>+</sup>02, OPV11, OBA02, PCT18, Pal04, PS20, Pin93, PTA<sup>+</sup>99, PJ99, PDG<sup>+</sup>03, PdBK<sup>+</sup>03, RMB05, Ric05, RWL<sup>+</sup>93, RFLW00, RBB<sup>+</sup>97, RBCG10, SA14, SCL<sup>+</sup>04, SMB<sup>+</sup>93, SYT<sup>+</sup>10, SA18, SE96, SWB<sup>+</sup>09, SRW<sup>+</sup>10, SLP<sup>+</sup>09, SDL22, SHWW22, SGW<sup>+</sup>15, SNB02, SPEPS18, SK02, SBN<sup>+</sup>15, SMS03, SBR<sup>+</sup>97, SABP<sup>+</sup>16, SMPSD04, SBH<sup>+</sup>02, SMH<sup>+</sup>11, SBB<sup>+</sup>05, SJ00, SB05, SFZ<sup>+</sup>13, SJSI00, TSS<sup>+</sup>02, TSW<sup>+</sup>09, Tho97, TS03, TSB<sup>+</sup>14, TNIW02]. **surface** [TCH<sup>+</sup>16, TTL<sup>+</sup>16, VLK06, VPA<sup>+</sup>09, VMGO<sup>+</sup>09, VNBW18, VPS97, VTD<sup>+</sup>20, VM01, WDFK<sup>+</sup>22, WFA<sup>+</sup>95, WCL<sup>+</sup>15a, WDMEL01, XAY<sup>+</sup>11, YKS<sup>+</sup>19, YAS<sup>+</sup>93, ZHD<sup>+</sup>08, ZWC<sup>+</sup>15, ZLZ<sup>+</sup>15, ŽSN<sup>+</sup>18, Zon97, dLC<sup>+</sup>14, vdLCS<sup>+</sup>11, DKdS<sup>+</sup>03]. **surface-active** [MZR<sup>+</sup>95]. **surface-dwelling** [BMS<sup>+</sup>18, JAP<sup>+</sup>13]. **Surface-ocean** [DTR<sup>+</sup>09]. **surface-water** [OHK<sup>+</sup>02]. **surfaces** [BCWT00, BGCH20, JS14, KC03]. **surfacing** [EPHE18]. **surfactants** [PPS<sup>+</sup>16]. **surfclams** [BCL14]. **surficial** [BN05, CML<sup>+</sup>09, KLL03, RGTv97, WHL<sup>+</sup>97]. **surrogates** [ANS<sup>+</sup>11]. **surrounding** [CBG02, CSM<sup>+</sup>13a, SHH03, TD16, WCL<sup>+</sup>15a, YHC<sup>+</sup>11].

**Survey**  
[MWFS17, AA15, BSS<sup>+</sup>17, BVL04, BND<sup>+</sup>04, CHU<sup>+</sup>00, CGG<sup>+</sup>19, CLB13, CMC<sup>+</sup>02, CM99b, DTWW17, DTWW21, DCS<sup>+</sup>18, Dem04, DT03, DSW20, ESL<sup>+</sup>10, GR10, GG02, HWS<sup>+</sup>98a, JSWB21, LCH<sup>+</sup>09, LSF<sup>+</sup>01, MWB95, NPBS00, NMR10, NA09, PDB<sup>+</sup>16, RDW<sup>+</sup>12, TMP<sup>+</sup>19, WGB<sup>+</sup>04, WHNS04, WGMW10, WGWW11, WRBS10, WvdE00, JR04, KGE<sup>+</sup>04, WHNS04]. **surveys** [CSCP13, DO19, DDB<sup>+</sup>17, LPK<sup>+</sup>17, MRE<sup>+</sup>11, MSM10, PLD<sup>+</sup>17, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PMJ20, PBD<sup>+</sup>02, SBS<sup>+</sup>08]. **Survival** [ŽSN<sup>+</sup>18, CSS<sup>+</sup>22b, LWO<sup>+</sup>09, TBH09, VCM<sup>+</sup>14, VM13, WWB04]. **survive** [LLW01]. **susceptibility** [AKZL16]. **Suspended** [FA02, HFD<sup>+</sup>23, Kaw02, KTP05a, RLP<sup>+</sup>98, ABG<sup>+</sup>20, BBDL98, CFL<sup>+</sup>99, ÇYFB<sup>+</sup>06, ÇYAYT06, CBS<sup>+</sup>01, DKN<sup>+</sup>97, DJS<sup>+</sup>08, FCP99, HD02, KVB<sup>+</sup>09, LKH<sup>+</sup>07, RHB<sup>+</sup>95, SFG98, WBM96, dMCNC99]. **suspension** [GAP<sup>+</sup>06]. **sustainability** [Bro19]. **Sustainable** [ZQW19, SPDW19]. **Sustained** [MMS<sup>+</sup>16, JR15, LBM10, LBJ<sup>+</sup>13, MDS<sup>+</sup>16]. **Sustaining** [MSMS08, OGBF08, TAL<sup>+</sup>12]. **Svalbard** [BSSK<sup>+</sup>08, HP08, SFPH<sup>+</sup>08]. **SVP** [BTRL99]. **SW** [DLHH11, DC00, GNT<sup>+</sup>17, HCBL<sup>+</sup>17, JLL<sup>+</sup>13, LMLJ18, CJA<sup>+</sup>06, CAFK03b, EBS99, FLTV97, HNRGL06, NRSL17, PJ99, RIHGS00, SRAL<sup>+</sup>17, SBE<sup>+</sup>99, TBEW99, vC97]. **Swallow** [Gou05]. **swarms** [CWD<sup>+</sup>10, WH98]. **Swatch** [KSB<sup>+</sup>03, MSB<sup>+</sup>03]. **SWEDARP** [TBFP04]. **Sweden** [OM02]. **Swimming** [HCZ<sup>+</sup>07, CB00a, RG06a, VAM97]. **swordfish**



[EEAC<sup>+</sup>20, LPK<sup>+</sup>17, SAA<sup>+</sup>17]. **Sycamore** [WCK<sup>+</sup>18]. **symbiont** [OCG<sup>+</sup>09]. **Symmetric** [TTFJ13, DJFK<sup>+</sup>22, LHX<sup>+</sup>22]. **Sympagic** [KBF<sup>+</sup>08, KSM<sup>+</sup>11, TRH<sup>+</sup>08]. **sympatric** [FJF<sup>+</sup>11]. **Symphurus** [TTD13]. **Symposium** [Ano06b, Ano07b, Ano07c, HD07, PTP09]. **synchronies** [DSC<sup>+</sup>19]. **Synchronization** [TLP<sup>+</sup>19]. **Synchronous** [GSPT13, OCT<sup>+</sup>19]. **syndepositional** [WKM<sup>+</sup>07a]. **Synechococcus** [BLOM93, CLC<sup>+</sup>03, LCL<sup>+</sup>98, Uys06]. **synergy** [SHB14]. **Synoptic** [FB05, JKN<sup>+</sup>05, BES11, CMR<sup>+</sup>18, DHM<sup>+</sup>22, DT03, LCH<sup>+</sup>09, PPRL02, RG93, WCL<sup>+</sup>15a]. **synopticity** [MLW<sup>+</sup>01]. **Synthesis** [Ano06d, Ano07d, DKSF01, MBT<sup>+</sup>14, MSV18, CLQ<sup>+</sup>18, DCA<sup>+</sup>98, DD06, DGS<sup>+</sup>05, EDF<sup>+</sup>04, GBSL98, HWCT11, HRG<sup>+</sup>16, KD01, LSF<sup>+</sup>01, LFM02, LPSS03, MC13, ÖHÜ<sup>+</sup>93, PHS<sup>+</sup>11a, PDB<sup>+</sup>20, RSA<sup>+</sup>10, SMD06, SD08, WAV<sup>+</sup>12]. **Synthesizing** [MBG18]. **Synthesizing** [OAH<sup>+</sup>16, SPW<sup>+</sup>22]. **synthetic** [NGF09]. **synthetic-based** [NGF09]. **SyPRID** [BKY<sup>+</sup>17]. **Syracuse** [RBCG10]. **Syringammina** [VWTK18]. **SYSTCO** [GJ11, MLBB14, NKE11]. **System** [CC00, GBDM<sup>+</sup>14, KGJ<sup>+</sup>25, LPS14, MM97, SGPD<sup>+</sup>14, ZDP<sup>+</sup>16, AYMSAS19, AJ95, AGS<sup>+</sup>02, AGAB19, BN97, BKY<sup>+</sup>17, BG94, BFF<sup>+</sup>10, BRPI02, CCG04, CDP<sup>+</sup>02, CLF<sup>+</sup>09, CFZ<sup>+</sup>18, CSW<sup>+</sup>18, CCW<sup>+</sup>08, CWL<sup>+</sup>23, CMW<sup>+</sup>05, CBB<sup>+</sup>95, CPC<sup>+</sup>03, CW18, DLF<sup>+</sup>09b, DBC<sup>+</sup>02, EFR<sup>+</sup>19, EDF<sup>+</sup>04, EHK09, FMFW07, FKS18, FCA04, GPÇ18, Gau07, GBP00, HWP<sup>+</sup>11, HMLS<sup>+</sup>06, HEV<sup>+</sup>10, HTT15, KNB<sup>+</sup>24, KOLA<sup>+</sup>18, KGdC<sup>+</sup>18, KHGL<sup>+</sup>02, KHL<sup>+</sup>01, KWH<sup>+</sup>05, LLL<sup>+</sup>15, LBM<sup>+</sup>17, LAGK<sup>+</sup>18, LMF<sup>+</sup>21, LPPK14, MWS<sup>+</sup>15, MFPL19, MLW<sup>+</sup>01, MTWC<sup>+</sup>15, dJMTGG11, MDS<sup>+</sup>16, MNB02, MDO<sup>+</sup>98, MYL<sup>+</sup>98, ML04, MMSS14, MKS<sup>+</sup>02, NS93, NHS<sup>+</sup>13, OC00, QC10, RAS23, SHF<sup>+</sup>95, SCGDL02, SCGDU09, SSHB03, SHM<sup>+</sup>07, Sot09, SPH<sup>+</sup>08, THJ<sup>+</sup>17, TTDR13, TWC<sup>+</sup>07, TNIW02, VSGGPR14, VBF<sup>+</sup>02, VD98, WCK<sup>+</sup>18, ZSIW21, ZX12, ZHY<sup>+</sup>13, Ant10, BPS00, BPC05, BV98, BKM07, BCW03, BL03]. **System** [CMR113, Di 03, DMW<sup>+</sup>07, EPPR09, FEB<sup>+</sup>13, GGAMV<sup>+</sup>23, GMCR18, GQ09, HV03, JR15, MHG<sup>+</sup>04, MLBT25, MPI07, PO15, QLU09, Reb03, SRF09b, SJ00, TAB<sup>+</sup>05]. **Systematics** [PPC<sup>+</sup>07]. **Systems** [HM14, Ano05d, BH14, BMR<sup>+</sup>14, BLD<sup>+</sup>06, BEB<sup>+</sup>13, BL06, CK03, CL15, DB02, HHH<sup>+</sup>22, KC03, LSH<sup>+</sup>24, LLM<sup>+</sup>17, MS18, NCSO13, OCT<sup>+</sup>19, PNS<sup>+</sup>09, RBMY14, Rai14, SL15b, SBL<sup>+</sup>18].

**T** [Ano97b, DI00]. **tabular** [MM15, SL11]. **tactics** [CRJ<sup>+</sup>08]. **tag** [BTLC98, PWL07]. **tagged** [RAT<sup>+</sup>13]. **tagging** [MRE<sup>+</sup>11]. **tags** [CFK15, HBM<sup>+</sup>07, MML07]. **tailed** [HBJ02, PWB<sup>+</sup>06, SSB<sup>+</sup>06]. **tailings** [RSS01]. **taint** [DKP<sup>+</sup>14]. **Taiwan** [CLC<sup>+</sup>20, CHL<sup>+</sup>15, CCM<sup>+</sup>20, JC03, JLK03, LTY<sup>+</sup>03, LPSS03, SZH<sup>+</sup>04, TS03, WCL<sup>+</sup>15a, WYL<sup>+</sup>20, ZGW<sup>+</sup>23]. **Taiwanese** [MWT<sup>+</sup>17]. **Takahashi** [MTD<sup>+</sup>09]. **taken** [BG10]. **takes** [Col16]. **Tales** [SK07]. **tamarensis** [BKS<sup>+</sup>10, TFR<sup>+</sup>10]. **Tampa** [CLW<sup>+</sup>23, CWL<sup>+</sup>23, NWZL23]. **Tanaidacean** [BPPJ15, BPKJ15]. **Tanaidaceans** [BPBJ13]. **Tanaididae** [BPKJ15]. **tank**

[AHML95, TCM<sup>+</sup>22]. **TAPS** [LDHO<sup>+</sup>14]. **targeted** [MGT16]. **Taro** [MTD<sup>+</sup>09]. **Tasman** [WW23, BSL11, DWM<sup>+</sup>15, KBW<sup>+</sup>11, KFTE14, PWN<sup>+</sup>11]. **Tasmania** [CEG<sup>+</sup>11, DPS<sup>+</sup>11, DSJ<sup>+</sup>11, HBR11, JLTD11, JDD<sup>+</sup>11, WGWW11]. **taxa** [BCE18, BBT<sup>+</sup>18, CP05, Dau18, LYN<sup>+</sup>13, MAN<sup>+</sup>20, RSGC25, SKL<sup>+</sup>22, SNFK20, SRS11]. **taxon** [BLC<sup>+</sup>02, SLT<sup>+</sup>11]. **taxon-specific** [BLC<sup>+</sup>02, SLT<sup>+</sup>11]. **Taxonomic** [LPJ<sup>+</sup>16, MHP<sup>+</sup>07, Ano97b, CG04, DGMS96, GBLS00, IHI<sup>+</sup>97, Kam18, KB15, Mar13, WMS<sup>+</sup>96]. **Taxonomy** [DDAH<sup>+</sup>14, RRT<sup>+</sup>17, DLB<sup>+</sup>11, LCL<sup>+</sup>22, OBKA17, TB98]. **TBCOM** [CWL<sup>+</sup>23]. **TCO** [CSL<sup>+</sup>07]. **technical** [JZ01, KHL<sup>+</sup>01]. **technique** [KJB<sup>+</sup>08, YKN07]. **techniques** [JLAD95, LWSA08]. **technological** [MPM<sup>+</sup>16]. **Technologies** [ELP13, MV23, dLWFB08]. **Technology** [JFC18, PTO<sup>+</sup>16]. **tectonic** [CHL<sup>+</sup>15, GHD<sup>+</sup>18, MWS<sup>+</sup>15, SKS<sup>+</sup>16, THM<sup>+</sup>13, WH98]. **tectonically** [LSA14, RVC<sup>+</sup>13b]. **Tehuantepec** [GSdAMNMM04, FLLGR04]. **telemetry** [CLQ<sup>+</sup>18, DWG<sup>+</sup>15, PWL07]. **teleost** [Gau07]. **Teleostei** [MGN<sup>+</sup>18, KVMO25]. **teleosts** [DW15b, LFKF<sup>+</sup>17]. **Telepresence** [DCS<sup>+</sup>18, RBG18]. **Telepresence-enabled** [DCS<sup>+</sup>18]. **telescopus** [VFFM13]. **tell** [RLGG07]. **temperate** [Dau18, FKS18, HCG<sup>+</sup>09, RBJW16, SSJ<sup>+</sup>22, VRL<sup>+</sup>02, VBF<sup>+</sup>02, WSLC15]. **Temperature** [BCL14, BRB<sup>+</sup>13, BKCV10, DHM<sup>+</sup>22, DIM<sup>+</sup>12, MDI<sup>+</sup>12, SPH<sup>+</sup>03, SKMS08, TY98, AVA23, ALT<sup>+</sup>13, BCBB12, BZS<sup>+</sup>16, BL96, BSM01b, Blo02, BFH<sup>+</sup>23, BAKF03, BY09, BLG15, CV17, CAS<sup>+</sup>97, CC15, CWB02, CKY23a, CKY23b, CMW<sup>+</sup>08, CSS<sup>+</sup>22b, CKB<sup>+</sup>07, Eif05, ER05, ECM<sup>+</sup>06, FB05, GLCP12, HSS<sup>+</sup>12, HDGM19, HiI<sup>+</sup>19, HiI<sup>+</sup>20, HIA<sup>+</sup>16, HZZ10, HF21, JW05a, JW05b, KRB95, KMC05, KIS02, KNN<sup>+</sup>06, LLL<sup>+</sup>15, LT16, aLCS15, Loh08, MAH<sup>+</sup>12, MDJS11, MB01, MCS07, MKRY01, MXC15, MC12, MS12, MSNL09, NOFP14, NWZL23, Pal04, PC00, PW12, PFPJ<sup>+</sup>09, PZL<sup>+</sup>09, RVGF02, RBB<sup>+</sup>97, RN06, SLdB<sup>+</sup>15, SRW<sup>+</sup>10, SBR<sup>+</sup>97, SMPSD04, SCD<sup>+</sup>22, SH16, SMH<sup>+</sup>11, TSS<sup>+</sup>02, TRM<sup>+</sup>07, TSB<sup>+</sup>14, VGGLB15, VCM<sup>+</sup>14, VLK06, WHC24, WDMEL01, Zon97]. **temperature-specific** [HIA<sup>+</sup>16]. **temperature-tolerant** [BAKF03]. **temperatures** [BFC<sup>+</sup>06, EHK<sup>+</sup>20, MMH<sup>+</sup>08, NBBBT13, OMS06, OUJ<sup>+</sup>19]. **template** [Eks07]. **template-fit** [Eks07]. **Temporal** [AISR<sup>+</sup>16, BS03, BDWG02, BB98, BMRP02, CCP<sup>+</sup>18, CWE<sup>+</sup>17, FGU04, GCCG13, GBH<sup>+</sup>17, HSBT19, HGMA<sup>+</sup>02, HHKH<sup>+</sup>04, HNRGL06, IGN<sup>+</sup>10, IS07, Ike03, IPTH03, KBG<sup>+</sup>10, KSH<sup>+</sup>09, KFG<sup>+</sup>03, KDMH18, LPdR<sup>+</sup>14, LSM<sup>+</sup>06b, MRB<sup>+</sup>14, MGGTM19, MPS<sup>+</sup>03, NKF<sup>+</sup>10, OHK<sup>+</sup>02, OTOH05, PLT<sup>+</sup>13, PdBK<sup>+</sup>03, RGH<sup>+</sup>24, SSWM18, SiSA<sup>+</sup>02, SFV<sup>+</sup>98, SFG98, SE14, SPB<sup>+</sup>10, SW99, SBS<sup>+</sup>08, SMLS02, THJ<sup>+</sup>17, TLSW15, TSP<sup>+</sup>18, TWD<sup>+</sup>08, TWC<sup>+</sup>07, YSMW05, ZZX<sup>+</sup>13, vdMLB<sup>+</sup>11, ALHP18, ÁRR02, AMH<sup>+</sup>01, AGAB19, ALR<sup>+</sup>14, ACG19, BGIJ<sup>+</sup>06, BTP<sup>+</sup>18, BFC<sup>+</sup>06, BBH05, BDM<sup>+</sup>03, BO96, BCS99, CJA<sup>+</sup>06, CLL<sup>+</sup>03, CMR<sup>+</sup>18, CGR<sup>+</sup>96, CHH19, CRBK03, CHR97, DKN<sup>+</sup>97, EGL<sup>+</sup>16, GMR<sup>+</sup>09, GLK<sup>+</sup>06b, GKR<sup>+</sup>18, GHB<sup>+</sup>05, HP98,

HdMR<sup>+</sup>99, HPY<sup>+</sup>15, HSSN08, HV03, JBC<sup>+</sup>21, KAI21, KWW04, KL13, LBD<sup>+</sup>02, LPPC<sup>+</sup>10, bLHsL<sup>+</sup>13, MDH08, MMID17, MSI<sup>+</sup>08, MMS<sup>+</sup>19, MPH<sup>+</sup>22, MG13, NR06, NBBBT13, OYK15, OS02]. **temporal** [OS04, PPA10, PH96, PLPS98, PAM<sup>+</sup>14, QLU09, RJB<sup>+</sup>04, RSW<sup>+</sup>13, RSCFT<sup>+</sup>13, RSCFT<sup>+</sup>16, SE24, SDMC03, SMS<sup>+</sup>08, SWBKK10, SM20, SMSI08, SMGB02, SMGB03, SL12, SBA18, TWA<sup>+</sup>12, TBH09, TM22, TMGLM19, TKP<sup>+</sup>20, WCMB06, YCD<sup>+</sup>06, YKS<sup>+</sup>19, TRF<sup>+</sup>97]. **Temporally** [HDW<sup>+</sup>20, BMH<sup>+</sup>94, DBS98, LK98]. **Temporally-resolved** [HDW<sup>+</sup>20]. **Ten** [Ano14, DPK<sup>+</sup>14, DKP<sup>+</sup>14]. **tenuissima** [GAJ<sup>+</sup>13]. **TEP** [Jac95b, LPA<sup>+</sup>95, PA95, PNC<sup>+</sup>06]. **tephra** [DNG<sup>+</sup>12]. **term** [ASS02, ADRS19, AKK<sup>+</sup>14, AMTE09, BC08, BG08, BBR<sup>+</sup>10, BMOW09, BL03, Bre93, DHW98, DVCG<sup>+</sup>12, Duc08, DEK<sup>+</sup>08, GLCP12, HWK<sup>+</sup>14, HZK04, HNCW23, JPM99, KBL01, LSdC<sup>+</sup>10, LDBvdB17, LO03, LBD<sup>+</sup>22, LWZ<sup>+</sup>23, LMF<sup>+</sup>21, LDW22, MDT<sup>+</sup>08, NLS<sup>+</sup>10, PCT18, PZP93, PRB<sup>+</sup>11, Reb03, RPF01, RVGF02, RSS01, SZH<sup>+</sup>04, SS09, SRS<sup>+</sup>15, SM03, SWLL23, SBC<sup>+</sup>16, SGP<sup>+</sup>11, WSLP10, WP17, WAC<sup>+</sup>09, YPY<sup>+</sup>13, YKO15, dLC<sup>+</sup>14]. **terminal** [Kli09, RBDO17, SSB<sup>+</sup>17]. **terms** [SD96]. **Terra** [LPAR24, Ano14, DPK<sup>+</sup>14, DKP<sup>+</sup>14, DTJ<sup>+</sup>14, MZG<sup>+</sup>24, NLDJ14, PDK<sup>+</sup>14, WPW<sup>+</sup>14]. **Terre** [EBG<sup>+</sup>11]. **terrestrial** [LWL<sup>+</sup>16, SSB<sup>+</sup>17, SHS<sup>+</sup>12, SBSW07]. **terrestrially** [MMSS14, PDS<sup>+</sup>17]. **terrestrially-derived** [PDS<sup>+</sup>17]. **terrigenous** [ATN<sup>+</sup>12, Cha03, CRP<sup>+</sup>05, JLK03, KW03, PTD<sup>+</sup>17, PCB<sup>+</sup>17, SRH<sup>+</sup>11, TBC<sup>+</sup>17, YBHM05]. **test** [CWE<sup>+</sup>17, SH00]. **testate** [GBBS00]. **Testbed** [DZY<sup>+</sup>01]. **Testing** [FLMF07, LdSN<sup>+</sup>18, MDTS08, MGK19, DCD<sup>+</sup>14, LW04]. **Tests** [MLR07, vGCM00]. **Tetractinellida** [SKS<sup>+</sup>23]. **Tetraparma** [HPN<sup>+</sup>12]. **Tevnia** [ZJFV15]. **Texas** [Cha07]. **textures** [CYB<sup>+</sup>18]. **Th** [ACH02, AFB<sup>+</sup>94, BCH<sup>+</sup>96, BMK<sup>+</sup>13, CM99a, CMB99, CAFK03b, CBB<sup>+</sup>00, CMA<sup>+</sup>09, DMY<sup>+</sup>97, FRC<sup>+</sup>10, FA03, FS02, GAC<sup>+</sup>02, HAF<sup>+</sup>15, LKK<sup>+</sup>95, MDTS08, MES97, MSTT07, MYN<sup>+</sup>96, NKB95, OOG<sup>+</sup>07, PDSS96, RFB97, STJ<sup>+</sup>08, Svdlm95, SFV<sup>+</sup>01, SSL98, SSH<sup>+</sup>11, SRF95, SCM<sup>+</sup>09, TTLP06, VMGO<sup>+</sup>09, YA03, YCT<sup>+</sup>22, YHL<sup>+</sup>12, vdLCS<sup>+</sup>11]. **Th-Based** [SSH<sup>+</sup>11, STJ<sup>+</sup>08]. **Th-derived** [MSTT07]. **Th** [?]Amiel:2002:DIS,Moran:1997:DCA,Thomalla:2006:POC,Verdeny:2009:PEO. **Thailand** [HKY<sup>+</sup>13, PCY<sup>+</sup>13, SYK<sup>+</sup>13]. **Thalassiosira** [NGM<sup>+</sup>20]. **Thallwitz** [NCL13]. **thanatocoenoses** [DJC<sup>+</sup>14]. **thanatofacies** [RVD<sup>+</sup>10]. **Thaumastosoma** [KBK<sup>+</sup>18]. **Thaumeledone** [ACPV04]. **Their** [JAP<sup>+</sup>13, SID19, ARNB01, AN05, AN06, AM24, ARLA03, ASF<sup>+</sup>12, BWC<sup>+</sup>02, BEJS93, BES95, CV17, CH24, CRF04, CMC11, DZL<sup>+</sup>17, DB97a, DC96, ELP13, FBP<sup>+</sup>17, FJG<sup>+</sup>00, FHW06, HNW<sup>+</sup>08, HCL<sup>+</sup>22, HTPM14, HAGW<sup>+</sup>13, HBC<sup>+</sup>12, HSY08, HZN<sup>+</sup>16, JKJ<sup>+</sup>22, JRK<sup>+</sup>17, KLL03, KxF22, KLa97, KKD06, KIM08, KRG14, LC16, LCS16, LBD<sup>+</sup>02, LMvDA16, bLHsL<sup>+</sup>13, LSHB09, LBGW97, LD07, MC05, MMMC07, NKA<sup>+</sup>11, NOFP14, OT03, PHOM09, PM10, PA25, PWMC01, PSS<sup>+</sup>16, RSB<sup>+</sup>17, ROC<sup>+</sup>21, RT20, RN06, SVJRSON04, SHC<sup>+</sup>22, SHKW05, SBG<sup>+</sup>06, VTD24, VSV<sup>+</sup>97,

WPJW96, XSM<sup>+</sup>19, ZCG<sup>+</sup>12, ZXH<sup>+</sup>13, vHSM04b]. **Themisto** [WT12].  
**theoretical** [BWAS02, CM01]. **theory**  
 [Gut06, Jac95a, MBP<sup>+</sup>20, Pal19, SS05a]. **Theragra**  
 [Blo02, CBSS02, HSFN13, LSWH07, SHM13, SSDA13]. **there**  
 [KGB<sup>+</sup>11, KVB<sup>+</sup>09, KVL<sup>+</sup>19, PHH<sup>+</sup>16, VAK<sup>+</sup>09]. **Thermal**  
 [LP14, MDSA19, MRD13, SL15b, SBM<sup>+</sup>13, GBJ<sup>+</sup>15, HSZS17, LTH05,  
 MSW11, SA14, XZM<sup>+</sup>23]. **thermochemical** [HS96]. **Thermocline**  
 [YCYK10, BL98, CBF<sup>+</sup>13, CBF<sup>+</sup>16, FHP94, KOO<sup>+</sup>24, LRM07, NBCT13,  
 RR10, San13, VV23]. **thermodynamic** [CBB<sup>+</sup>95, WZW<sup>+</sup>22].  
**Thermodynamics** [JVL<sup>+</sup>16, GMM<sup>+</sup>20, KIY<sup>+</sup>05]. **thermography** [MCS07].  
**Thermohaline** [BSM01a, MCM06, ASMH08, BV98, BMS99, KST<sup>+</sup>99,  
 OGG<sup>+</sup>20, RR96, SGJ<sup>+</sup>20, VCRDF99]. **Thermophilic** [SB98].  
**thermophilus** [TTD13]. **thermotolerant** [BSH<sup>+</sup>11]. **Thetys** [LPAR24].  
**Thick** [TMH<sup>+</sup>08, WTI<sup>+</sup>20]. **Thick-billed** [TMH<sup>+</sup>08, WTI<sup>+</sup>20]. **thickening**  
 [JS14]. **thickness** [DGA<sup>+</sup>11, FHvFM08, HNW<sup>+</sup>08, SET<sup>+</sup>09, SHW<sup>+</sup>16,  
 WLA11, WSL<sup>+</sup>11, XAY<sup>+</sup>11, bsBD<sup>+</sup>20]. **Thin**  
 [JCPC09, FGF<sup>+</sup>14, OM14, TMC<sup>+</sup>14, YLU<sup>+</sup>14]. **thinning** [PSA14]. **Thirty**  
 [MLH14, SHR20]. **Thirty-year** [SHR20]. **thompsoni** [KCMT<sup>+</sup>20, PH17].  
**Thorium** [OPB15, BAH<sup>+</sup>95, BBA<sup>+</sup>98, CBB<sup>+</sup>00, VvdLS11]. **Thorium-234**  
 [OPB15, BAH<sup>+</sup>95, BBA<sup>+</sup>98]. **those** [Jac95a]. **thouarsii** [WTS08].  
**thraustochytrids** [RRMM05]. **Three**  
 [Ano07d, CWD<sup>+</sup>10, GWP<sup>+</sup>98a, KDMH18, LMS15, TMC04, VAT23,  
 AMK<sup>+</sup>05, BGIJ<sup>+</sup>06, Bas19, BTR20, BSJ13, BSR<sup>+</sup>18, CSL<sup>+</sup>22, CSM13b,  
 CKFC18, CRA<sup>+</sup>20, CPA<sup>+</sup>11, DFMW13, GSK02, GGCM17, GGSC03, GK04,  
 GFPM02, HNM<sup>+</sup>20, ITMG18, KB99, KGB<sup>+</sup>14, KCD<sup>+</sup>17, KKUK10, KRHS20,  
 LVJC17, LLM<sup>+</sup>17, MC09, MSD<sup>+</sup>18, MFFM03, NSLAP<sup>+</sup>17, NRH<sup>+</sup>20,  
 NCSB<sup>+</sup>98, PVK<sup>+</sup>20, RAS23, RI05, RTM<sup>+</sup>20, RT20, RNP93, SSK<sup>+</sup>05,  
 SSK<sup>+</sup>07, STD<sup>+</sup>20, VGBGPA02, WTS08, YLH<sup>+</sup>10, ZHM<sup>+</sup>24, vOSG<sup>+</sup>11].  
**Three-dimensional** [CWD<sup>+</sup>10, GWP<sup>+</sup>98a, TMC04, Bas19, DFMW13,  
 GSK02, GGSC03, KB99, KKUK10, YLH<sup>+</sup>10, ZHM<sup>+</sup>24]. **three-layer** [GK04].  
**three-layered** [CSL<sup>+</sup>22]. **threshold** [LGF03]. **thresholds**  
 [EF98, LWM<sup>+</sup>09, RSGC25]. **through-flow** [Jur20]. **Throughflow**  
 [SWK<sup>+</sup>23, SPH<sup>+</sup>03, VGF02, PHS03, TSS<sup>+</sup>21, SWCB02, WSFB02].  
**throughout** [CB16, CBK<sup>+</sup>22, PBNF<sup>+</sup>16]. **throughput** [LEP14]. **thrust**  
 [WCK<sup>+</sup>18]. **Thunnus**  
 [BFDB17, BSN<sup>+</sup>15, DABMAMA04, DWM<sup>+</sup>15, GLCU<sup>+</sup>17, IABR<sup>+</sup>17,  
 KHT<sup>+</sup>20, KOT<sup>+</sup>20, LCW20, WAN<sup>+</sup>15, WLT20, ZKSS06]. **thynnus**  
 [BFDB17, GLCU<sup>+</sup>17, IABR<sup>+</sup>17]. **Thysanoessa**  
 [FLM10, FPS10, HPL<sup>+</sup>12, KYI10a, KYI10b, PSS<sup>+</sup>16, WMW<sup>+</sup>20]. **Tidal**  
 [DRVVS<sup>+</sup>14, GOC09, HHW<sup>+</sup>08, LM01, OGC09, BHS<sup>+</sup>19, DL01, HSHM02,  
 LH06, LCG03, LBB<sup>+</sup>06, MT96, PRP15, RAR04, RSC<sup>+</sup>09, SSC<sup>+</sup>23, SCS<sup>+</sup>98,  
 TCM<sup>+</sup>22, WTJ<sup>+</sup>19, WOU06, YO96]. **Tidal-front** [LM01, LBB<sup>+</sup>06, YO96].  
**tidal-mixing** [DL01]. **tidal/subtidal** [HSHM02]. **tidally**  
 [HTW14, JMW<sup>+</sup>20, ZPG14]. **tidally-driven** [ZPG14]. **tide**

[AGHS04, MBC<sup>+</sup>14, PHM06, SHA04, TBT05, WZ14]. **Tides**  
 [PHOM09, GLM04, HAC<sup>+</sup>14, IGP<sup>+</sup>06, JR15, MML06, PFDG08, SN04, WMB<sup>+</sup>08, WCD<sup>+</sup>09, WXL<sup>+</sup>23, Ynd09, ZG15]. **tikhookeanskaya** [CCC<sup>+</sup>23].  
**Time** [Ano96g, BMK96, CFJL96, CMA<sup>+</sup>09, CRR01, DGN96, DOC01, EFR<sup>+</sup>16, GOP<sup>+</sup>01, INTS02, IF95, KM96, KL96a, LHS96, MHS01, MK96, MSNL09, OLG<sup>+</sup>01, RD97, SMA01, SCB<sup>+</sup>01, SMB03, STS<sup>+</sup>15, WLP<sup>+</sup>09, WWW<sup>+</sup>02, WKM<sup>+</sup>07b, WKM<sup>+</sup>07c, ANL13, AKK<sup>+</sup>14, BCH<sup>+</sup>96, BGS98, BFH<sup>+</sup>11, Blu93, BLO<sup>+</sup>17, CSL<sup>+</sup>07, CLMK13, CRI18, DHM<sup>+</sup>22, DIM<sup>+</sup>12, DJCF09, DBH<sup>+</sup>20, Eif05, EPK<sup>+</sup>10, FHR<sup>+</sup>11, FM03b, FG07, FNYK02, GBP00, GUSB03, GLK<sup>+</sup>06a, GG02, HFM<sup>+</sup>02, HGM<sup>+</sup>11, HBCC13, ITT12, JW05a, JW05b, JMM<sup>+</sup>13, KLK<sup>+</sup>15, KVPK20, LSST20, LBM10, LK98, LWL<sup>+</sup>24, LPW<sup>+</sup>09, Lip01, MPL15, Mar02, MCPA02, MC02, MFH04, MLVM02, MLS<sup>+</sup>15, NSH<sup>+</sup>10, PST<sup>+</sup>05, PPL<sup>+</sup>07, PBO<sup>+</sup>11, RCW<sup>+</sup>15, RT14, RR10, RMC<sup>+</sup>08, RW95, RAL<sup>+</sup>01, SKM01, SBG<sup>+</sup>98, SD98, SBG<sup>+</sup>03, SHM<sup>+</sup>20, SHR20, SGM<sup>+</sup>14, SSB<sup>+</sup>06, TCEW07, TTA<sup>+</sup>16, WHLR13, WWC<sup>+</sup>99, WLT20, XA09, YA03, YSBH06, BL96]. **Time** [LSM96, Mit96].  
**Time-dependent** [STS<sup>+</sup>15]. **Time-lapse** [EFR<sup>+</sup>16]. **time-scale** [FM03b].  
**Time-Series** [Ano96g, BMK96, CFJL96, CMA<sup>+</sup>09, DGN96, DOC01, GOP<sup>+</sup>01, KM96, KL96a, MHS01, MK96, MSNL09, OLG<sup>+</sup>01, SCB<sup>+</sup>01, SMB03, WWW<sup>+</sup>02, WKM<sup>+</sup>07b, WKM<sup>+</sup>07c, ANL13, BCH<sup>+</sup>96, BGS98, CSL<sup>+</sup>07, CLMK13, DBH<sup>+</sup>20, FNYK02, GBP00, GUSB03, GG02, HBCC13, ITT12, JMM<sup>+</sup>13, LSST20, LPW<sup>+</sup>09, Lip01, Mar02, MCPA02, MC02, RCW<sup>+</sup>15, RAL<sup>+</sup>01, SKM01, SBG<sup>+</sup>98, SD98, SBG<sup>+</sup>03, TTA<sup>+</sup>16, XA09, YA03, BL96, LSM96, Mit96]. **time-slice** [HFM<sup>+</sup>02]. **time-varying** [Blu93].  
**Timelines** [EBM<sup>+</sup>18]. **times** [FRBB13, PHDK11]. **timescale** [LRM07].  
**Timescales** [HWP<sup>+</sup>11, Ano96f, CHL<sup>+</sup>95]. **Timing**  
 [NYH<sup>+</sup>20, BFL<sup>+</sup>20, BKP<sup>+</sup>20, FPS10, NSWY20, OHS10, SP19b, SFH<sup>+</sup>18, VSM17, WYOS18, ZXH<sup>+</sup>13]. **tintinnid** [AYMSAS19]. **tintinnids** [LZC<sup>+</sup>16].  
**tip** [SBK<sup>+</sup>16, vGFGS02]. **Tissue** [MSW<sup>+</sup>13]. **Todarodes** [PNVJ13]. **Todos** [DCH04]. **together** [SCQ<sup>+</sup>09]. **Togiak** [FBB<sup>+</sup>13]. **tolerance** [BRB<sup>+</sup>13, TTDR13]. **tolerances** [BY09, TY98]. **tolerant** [BAKF03]. **Tom** [Ver13]. **tomography** [SGGW11]. **Toms** [PPM02]. **tongue** [BW99b, HS96, WW99, SYZ<sup>+</sup>24]. **tonguefish** [TTD13]. **tool** [DLB<sup>+</sup>11, WBCB06]. **toothfish** [SHC<sup>+</sup>22]. **Top** [Ano06g, RCF<sup>+</sup>08, SFZ<sup>+</sup>13, YSMW05, DLW<sup>+</sup>17, EAB<sup>+</sup>20, HAE<sup>+</sup>15, HAE<sup>+</sup>17, HPS<sup>+</sup>11, JNBJ17, LWO<sup>+</sup>09, LLD<sup>+</sup>17, LPD<sup>+</sup>17, MPJ<sup>+</sup>13, NGS<sup>+</sup>15, SBR<sup>+</sup>97, SJST13, SBG<sup>+</sup>06, VBM97, YKO15, YHC<sup>+</sup>15]. **Top-down** [SFZ<sup>+</sup>13, HPS<sup>+</sup>11, LWO<sup>+</sup>09, NGS<sup>+</sup>15]. **TOPEX** [BSS<sup>+</sup>02, KFH01, MMXS02, SMS03]. **TOPEX/POSEIDON** [BSS<sup>+</sup>02, MMXS02, KFH01, SMS03]. **Topical** [CSM93, PNLFS02, PNLF02, RGL06b]. **Topographic** [LS04, GGI03, KVPK20, SGB<sup>+</sup>08, SPH<sup>+</sup>08, VMB17]. **Topographically** [BLM13]. **topography** [ASM06, DL04, LH06, NHS<sup>+</sup>13, RPM07, WZZ<sup>+</sup>23, WGB01, XZM<sup>+</sup>23].

**Topsent** [LPAR24]. **Torquaratoridae** [ELG<sup>+</sup>22a, ELG<sup>+</sup>22b]. **Tortonian** [RMG<sup>+</sup>23]. **Total** [HGAB04, LSC02, BL00, CMB12, ER05, FLM10, HP98, HC01, JSP<sup>+</sup>17, LBM98, PH96, SSV02, SP09, SHW<sup>+</sup>16, ZQ97]. **tourism** [PJLO<sup>+</sup>17]. **towed** [BCT21, KCTG16, MT98, PBD<sup>+</sup>02]. **Tower** [RBXM15]. **Toxic** [Ano05a, BFF<sup>+</sup>10, BKS<sup>+</sup>10, BFK<sup>+</sup>14, DPS<sup>+</sup>14, KCMA05, KCA05, PTD<sup>+</sup>14, SAKP<sup>+</sup>22, TMC<sup>+</sup>14, TMTR14, VB98]. **Toxicity** [WPW<sup>+</sup>14, ACK<sup>+</sup>14, ER05, FHR<sup>+</sup>14, GKQ<sup>+</sup>05, HTW14, LTH05, MLH14, MAST05]. **toxicological** [HTPM14]. **Toxin** [PKA05, BCL14, DPS<sup>+</sup>14, ER05, PTD<sup>+</sup>14, DPS<sup>+</sup>14, DTP<sup>+</sup>05]. **toxins** [dSVC<sup>+</sup>14, DVC14, DRR<sup>+</sup>14, DTP<sup>+</sup>05, TDKA05]. **Trace** [CBC02, DGK<sup>+</sup>22, FJG<sup>+</sup>00, Mas01, PPS<sup>+</sup>16, TTCD14, WSS<sup>+</sup>08, Ano99a, AELP14, BLO<sup>+</sup>17, CVA<sup>+</sup>13, Cha03, CMVS<sup>+</sup>10, FdBGP11, FBCP01, GJC98, HWS<sup>+</sup>07, KWN<sup>+</sup>09, LBL08, MBTM97, NSMBN08, NEN<sup>+</sup>07, RVC<sup>+</sup>13b, SHF<sup>+</sup>95, SVD97, TRM<sup>+</sup>15, VCRDF99, VOK<sup>+</sup>24, Zon07]. **trace-metal** [FBCP01, SHF<sup>+</sup>95]. **traced** [BFM<sup>+</sup>14]. **tracer** [AIW03, BWD20, BBDL98, CAS<sup>+</sup>97, CM99a, CMB99, CLGM05, FS02, GF97, LBM98, LWLS98, LML<sup>+</sup>01, LMS09, OPB15, PRJW05, PDTS08, RKS<sup>+</sup>95, RFB97, SRF09b, SE95, SHL<sup>+</sup>11, SLW98, TOF04]. **tracers** [AFM93, AKHR<sup>+</sup>20, CGM<sup>+</sup>07, HdVGHM02, Jen03, LNDH<sup>+</sup>17, MW05b, SRS11, WMW96, ZGW<sup>+</sup>23]. **Tracing** [CRM<sup>+</sup>16, LKK<sup>+</sup>95, WCSA<sup>+</sup>16, YBHM05, Tho97, TPP<sup>+</sup>20, ZLJ08]. **track** [JCP<sup>+</sup>22]. **tracked** [BTRL99, GGC19, Grü99, HRSJ23, JDS<sup>+</sup>08, MFPL19]. **Tracking** [EQW<sup>+</sup>13, FG07, Gre01, SL11, VPdP06, WH01b, RTC<sup>+</sup>07]. **tracks** [RBO07, WLD<sup>+</sup>07]. **Tradeoffs** [JMP<sup>+</sup>19]. **Trader** [DCS<sup>+</sup>18]. **traditional** [HBB<sup>+</sup>13]. **trail** [APT11]. **Trailing** [RHPR15]. **Trait** [CDM23]. **Trait-based** [CDM23]. **traits** [GJ11, LMG17, MBDB<sup>+</sup>24, RLB<sup>+</sup>18a, RS15, SHC<sup>+</sup>22]. **trajectories** [CDDC03, ECM<sup>+</sup>06, GMCR18, HRT14, PK13, RF99, RP05, STP<sup>+</sup>16, SGL99]. **trajectory** [LWZ<sup>+</sup>23]. **trans** [NMK<sup>+</sup>20, PH17, HTT15]. **trans-Atlantic** [NMK<sup>+</sup>20, PH17, HTT15]. **transatlantic** [SWL<sup>+</sup>18]. **transcription** [BMB<sup>+</sup>18]. **Transect** [BMML06, BAC<sup>+</sup>15, LOA15, RHJ06, RPH<sup>+</sup>06, RHJL09, ABC<sup>+</sup>04, BRG<sup>+</sup>19, CFT<sup>+</sup>04, CG04, GRWW01, HAF<sup>+</sup>15, KF95, KOM17, KR95, KT02, KHL<sup>+</sup>17, NGS<sup>+</sup>20, NESB<sup>+</sup>15, OvdRvA<sup>+</sup>22, OL15, PDG<sup>+</sup>03, RPB02, SMCA01, SH99c, SLB18, SWL<sup>+</sup>18, SSUB15, SZV<sup>+</sup>19, SIFS10, VKG93, BJB<sup>+</sup>06, FCW<sup>+</sup>15]. **transects** [CGR<sup>+</sup>96, HMH<sup>+</sup>02, JNB17, LAJP13, MPB<sup>+</sup>18, PDA<sup>+</sup>20, SML15]. **Transfer** [FPHH<sup>+</sup>09, HKFL03, KW00, MSM<sup>+</sup>02, NC97, AHV<sup>+</sup>00, GSB<sup>+</sup>23, GBP00, HDJP05, KB95, PDS<sup>+</sup>17, RBDO17, RHL<sup>+</sup>22, RdGM<sup>+</sup>09, RHB<sup>+</sup>04, RBXM15, SBHS20, TBB<sup>+</sup>08, UW99]. **transform** [PUP<sup>+</sup>07]. **Transformation** [AGN<sup>+</sup>02, FCAD04, CBB<sup>+</sup>98, GP16, HH93, KM05b, You99]. **Transformations** [BSB<sup>+</sup>99, HMGD17, HD02, VBF<sup>+</sup>02]. **transformed** [PWP<sup>+</sup>05]. **Transience** [GPMS<sup>+</sup>16]. **transient** [RBN<sup>+</sup>08, TOF04]. **transit**

[WZL<sup>+</sup>16, CP18b, RKB18]. **transiting** [LSH<sup>+</sup>24]. **Transition** [HAC<sup>+</sup>14, AMJRD19, BCI02, DNM<sup>+</sup>16, HBC<sup>+</sup>23, HiI<sup>+</sup>19, HiII<sup>+</sup>20, LJHAA19, LTW<sup>+</sup>11, MNG<sup>+</sup>11, MHM<sup>+</sup>14, SvDMC<sup>+</sup>16, SMP<sup>+</sup>15, TT01, UWvdE<sup>+</sup>16, VMF<sup>+</sup>16, WSE<sup>+</sup>16]. **transitional** [LCWJI<sup>+</sup>19, WSP19]. **transmission** [GOH<sup>+</sup>15]. **transmissions** [SWC<sup>+</sup>02]. **transparent** [LPA<sup>+</sup>95, PA95]. **Transport** [Ano06f, AGP05, BTS<sup>+</sup>08, HYK<sup>+</sup>02, JPC06, dJMTGG11, MBC<sup>+</sup>20, RPS<sup>+</sup>11, RGL<sup>+</sup>06a, SRN02, SS99a, THJ<sup>+</sup>05, TCJ<sup>+</sup>11, AAG06, AGS<sup>+</sup>02, AKK<sup>+</sup>17, BBB94, BC03, BH99a, CMG<sup>+</sup>12, CHN<sup>+</sup>18, Cra05, CMPB18, DCN<sup>+</sup>02, DHS<sup>+</sup>09, EGG<sup>+</sup>05, FKW01, GGLP02, GAC<sup>+</sup>02, GHÖ<sup>+</sup>13, HWP<sup>+</sup>11, HGMA<sup>+</sup>02, HS05a, HP08, HTM<sup>+</sup>03, HK19, HZ19, JKN<sup>+</sup>05, JC03, JZ01, JCM<sup>+</sup>13, JMSW05, KCMA05, KM98, KFHR05, KLM13, KFKZ24, LLR<sup>+</sup>06, LMS09, LCD01, Liv95, LBB11, LDX<sup>+</sup>23, MBW<sup>+</sup>03, MMS<sup>+</sup>16, MR01, MSB<sup>+</sup>03, MTWH04, NS93, NPF<sup>+</sup>09, PFC19, PHDK11, RSC07, SMS01, SSLP95, SHD<sup>+</sup>14, SHB02, SF99, SWC<sup>+</sup>02, SDK<sup>+</sup>16, SBS<sup>+</sup>02, TP99, TdFAL19, TP96, VCDAL14, VPSL15, VGF02, WGFS03, WHL<sup>+</sup>97, WDD<sup>+</sup>22, WCH05, WOU06, XZM<sup>+</sup>23, You99, ZTZ09, Zim09, ZB00, dMCNC99, dSJB<sup>+</sup>11]. **transport-retention** [ZTZ09]. **transported** [SSP<sup>+</sup>09]. **transports** [CMC11, DD15a, DD15b, HGM<sup>+</sup>11, MMXS02, SH99b, SBG05, SWCB02, YCYK10]. **trap** [AKHR<sup>+</sup>20, CMA<sup>+</sup>09, CDH<sup>+</sup>00, HLG<sup>+</sup>21, HSM<sup>+</sup>01a, HIN<sup>+</sup>02, KGKS20, KNG02, KKNH02, MYN<sup>+</sup>96, NW01, PFW<sup>+</sup>09, RSRL00, SLS<sup>+</sup>07, Thu98, TTA<sup>+</sup>16, XA09, vGCM00]. **trap-** [MYN<sup>+</sup>96]. **trap-derived** [HLG<sup>+</sup>21]. **Trapped** [JR15]. **Trapping** [SFV<sup>+</sup>01]. **traps** [ETDB11, FA03, LPW<sup>+</sup>09, RCW<sup>+</sup>15, RFLW00, SFV<sup>+</sup>01, SHM<sup>+</sup>11, SAB<sup>+</sup>07, WLP<sup>+</sup>09, WWC<sup>+</sup>99, YA03]. **trawl** [CAJE15, CSCP13, DLWW23, NCSB<sup>+</sup>98, UGSK<sup>+</sup>20, YLG<sup>+</sup>18]. **Trawled** [ARB<sup>+</sup>13]. **Trawling** [GIPL<sup>+</sup>14, MPPR14, AFC<sup>+</sup>17, DGN<sup>+</sup>17]. **Trawling-induced** [MPPR14]. **trawls** [DTWW17, DTWW21, SL12]. **treated** [Joh19]. **trees** [Sig17]. **Trench** [JLL<sup>+</sup>13, JSWB21, LMLJ18, LAT<sup>+</sup>18, Mun16, SLB18, SWL<sup>+</sup>18, SNIT02, Ala15, BPPJ15, BCNS15, BSCE15, BEM<sup>+</sup>15, BFB<sup>+</sup>18, BAF<sup>+</sup>18, CKFC18, CAK15, CBMM15, DAB<sup>+</sup>18, DJ15, FMZ15, FEB<sup>+</sup>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<sup>+</sup>12, IIM<sup>+</sup>09, KxF22, WP17]. **Trends** [DCF<sup>+</sup>18, KKMSM12, PBO<sup>+</sup>11, SWB<sup>+</sup>09, AGAB19, AMTE09, AL13, BFSK08, BMRP02, BFML<sup>+</sup>08, BD06, BSR08, CTW<sup>+</sup>15, Cam18, CPF<sup>+</sup>14, CG04, DB05, EEAA<sup>+</sup>19, GLCP12, HC15, HALV18, KSBK01, KL13, KLČ<sup>+</sup>19, LSdC<sup>+</sup>10, MLBT25, NWZL23, PLS<sup>+</sup>10, PdBK<sup>+</sup>03, RVGF02, SIS<sup>+</sup>02, SM03, SL12, TGK<sup>+</sup>11, TRF<sup>+</sup>97, TKP<sup>+</sup>20, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, VHC<sup>+</sup>17]. **treska** [CCC<sup>+</sup>23]. **trials** [SS13b]. **tribute** [Ano18l, BCD<sup>+</sup>09, BDG<sup>+</sup>04, Goe02, HLHW24, Row13, SL15a, SLM98]. **Trichodesmium** [HSM<sup>+</sup>01b, KDG<sup>+</sup>97, OLG<sup>+</sup>01, SBH<sup>+</sup>01]. **tricuspis**

[GNB<sup>+</sup>17]. **tridactyla** [VM13]. **Trieste** [KLČ<sup>+</sup>19]. **trigger** [KK19].  
**triggered** [EEAC<sup>+</sup>20]. **Tripes** [ADE22]. **triterpenes** [MRP<sup>+</sup>17]. **Triticella**  
 [GC15]. **tritium** [JLL<sup>+</sup>15]. **TRMM** [HZZ10]. **Trophic**  
 [BSKD<sup>+</sup>07, CHV<sup>+</sup>15, CDRB16, DYEJ08, DSO<sup>+</sup>00, DTP<sup>+</sup>05, FLTV04,  
 KBKW13, MSJS08, NCSO13, ODR<sup>+</sup>09, PGFP<sup>+</sup>08, PKZ<sup>+</sup>19, SKL<sup>+</sup>22,  
 TDKA05, BLSW05, BRD<sup>+</sup>18, Car10, CHH<sup>+</sup>21, CCM<sup>+</sup>20, CNOC13, DMJ93,  
 DKP<sup>+</sup>17, FLLGR04, HPS<sup>+</sup>11, IHPA16, JTW00, JCF<sup>+</sup>06b, KCZ<sup>+</sup>19,  
 KWPB15, KME18, KKUK10, LMKL09, LSGM02, LHZJ13, LL13, LGP<sup>+</sup>15,  
 MMID17, OYK15, OKY<sup>+</sup>17, PPYN15, RHL<sup>+</sup>22, RDW<sup>+</sup>12, RD25, TR02,  
 TSW<sup>+</sup>12, TBB<sup>+</sup>14, TŠŠ<sup>+</sup>19, WBD17, ZTZB09]. **Trophodynamic**  
 [CGPM13, WPLN96]. **Trophodynamics**  
 [KYKJ16, MD14, MD17, HFK<sup>+</sup>02, LPL<sup>+</sup>20, RSW<sup>+</sup>13, YHC<sup>+</sup>15]. **Tropical**  
 [AKBD13, CFV<sup>+</sup>18, CM03, FDC<sup>+</sup>18, GSdAMNMM04, LS18, MV19,  
 MHA<sup>+</sup>15, PHD<sup>+</sup>18, SBN<sup>+</sup>15, AVA23, ADV<sup>+</sup>01, AHHCR23, ACG19,  
 AMN<sup>+</sup>02b, BHS<sup>+</sup>19, BTR20, BG10, BFB<sup>+</sup>18, CBS<sup>+</sup>96, CVM<sup>+</sup>01a,  
 CVM<sup>+</sup>01b, CHSVB<sup>+</sup>19, DLR<sup>+</sup>01, DW15a, DM25, DABMAMA04, DHGO23,  
 FM03b, GKH<sup>+</sup>07, GMM<sup>+</sup>20, GKB<sup>+</sup>18, GLMB18, Har96, HAH<sup>+</sup>01, HC15,  
 HMSMK04, HAM<sup>+</sup>15, JZ93, Joh96, KxF22, KEPZ93, KDSR19, LK02, LRM07,  
 MCSF15, MCS<sup>+</sup>02, MCS<sup>+</sup>03, MF09, NDD<sup>+</sup>14, OLP<sup>+</sup>20, PSE<sup>+</sup>93, PP20,  
 RR96, RBMY02, RAS23, RF99, SLCLC<sup>+</sup>24, SPSM23, SSMC10, SRAs<sup>+</sup>24,  
 SSJ<sup>+</sup>22, SS99b, SPD<sup>+</sup>11, SLB<sup>+</sup>15, SMM<sup>+</sup>06, JMP<sup>+</sup>19, SJJ19, TRB<sup>+</sup>19,  
 WZW<sup>+</sup>95, WMC06, WWcW<sup>+</sup>15, WSLC15, YKS<sup>+</sup>19, ZDWR95, MLR07].  
**tropical-extratropical** [SLCLC<sup>+</sup>24]. **tropical-subtropical** [CHSVB<sup>+</sup>19].  
**tropicalization** [PPYN15]. **tropics** [NGS<sup>+</sup>20]. **Troposphere**  
 [LCW<sup>+</sup>07, ACV<sup>+</sup>01]. **trossulus** [BCB<sup>+</sup>18, BMB<sup>+</sup>18]. **Trough**  
 [VPSL15, CCC<sup>+</sup>03, DFA<sup>+</sup>20, IOK03, iTT<sup>+</sup>15, KLL03, KW03, Tan03, VT09,  
 YA03, YKS03]. **trout** [WWB04]. **true** [GRC<sup>+</sup>03]. **truthing** [NKE11].  
**tsunami** [WA02]. **Tsushima** [NSH<sup>+</sup>10, SJL05, THJ<sup>+</sup>05].  
**Tsushima/Korean** [SJL05]. **tube** [BTM<sup>+</sup>98, DSD12]. **tube-dwelling**  
 [DSD12]. **tubeworm** [BPR<sup>+</sup>10, FR10, NLSL09, ZJFV15].  
**tubeworm-associated** [FR10]. **tubular** [LCK<sup>+</sup>18]. **tuna**  
 [AKK<sup>+</sup>17, ADK<sup>+</sup>15, BFDB17, BSN<sup>+</sup>15, DABMAMA04, DWM<sup>+</sup>15, EMEP18,  
 EPHE18, GLCU<sup>+</sup>17, HHMF11, IABR<sup>+</sup>17, KHT<sup>+</sup>20, KOT<sup>+</sup>20, LCW20,  
 LSNH15, LPL<sup>+</sup>20, LMLC<sup>+</sup>17, LGP<sup>+</sup>15, LFKF<sup>+</sup>17, MCSF15, MGG<sup>+</sup>17,  
 NDD<sup>+</sup>14, OLP<sup>+</sup>20, PPYN15, PHE<sup>+</sup>18, RSB<sup>+</sup>17, SLHS20, SRAs<sup>+</sup>24,  
 JMP<sup>+</sup>19, WAN<sup>+</sup>15, WLT20, YHC<sup>+</sup>11]. **tunas** [DKP<sup>+</sup>17, LH15]. **tunicate**  
 [PH17]. **tunicates** [LO03, PDH<sup>+</sup>11]. **Turbidity**  
 [VKC09, GNG<sup>+</sup>22, HTM<sup>+</sup>03, SDT<sup>+</sup>17]. **Turbulence**  
 [HLNO96, LPJ<sup>+</sup>19, Ano05e, BU05, IAA96, LYL22, LM96, MBd05, MZG<sup>+</sup>24,  
 PS19, SS05a, SS05b, TC06, WSM<sup>+</sup>22, WZZ<sup>+</sup>23]. **turbulent** [BLS<sup>+</sup>03,  
 BMG<sup>+</sup>17, DSvR<sup>+</sup>18, EWG94, Fer06, KIS02, MLP<sup>+</sup>10, MW05a, Uml05].  
**turnover** [AT10, SMM<sup>+</sup>06, ZSB01, ZFA<sup>+</sup>02]. **turrids** [BLS09]. **turtle**  
 [ECM<sup>+</sup>06, WNHF<sup>+</sup>15]. **turtles** [DMC<sup>+</sup>17, PUB<sup>+</sup>06]. **TUSCH** [TTU01].  
**Twilight**



[JDD<sup>+</sup>11, DJS<sup>+</sup>08, HFD<sup>+</sup>23, LBV<sup>+</sup>08, SBL<sup>+</sup>07, WLP<sup>+</sup>09, LAC<sup>+</sup>09]. **Two** [AS01b, AHVB<sup>+</sup>17, BV04, BB04, Che13, HSC<sup>+</sup>07, IUdV<sup>+</sup>12, LBJ<sup>+</sup>13, PRB<sup>+</sup>11, RPS<sup>+</sup>11, ACD<sup>+</sup>17, ACR<sup>+</sup>20, AMV<sup>+</sup>09, BWD20, BSCE15, BFF<sup>+</sup>10, CRNP06, CC15, CP18b, CK24, CMAO<sup>+</sup>12, CL15, CM00, CBW01, CW09, CGD<sup>+</sup>15, DTWW17, DTWW21, DP02, DRVVS<sup>+</sup>14, DCL<sup>+</sup>21, DAGK<sup>+</sup>17, Dud06, DDB<sup>+</sup>97, DBH<sup>+</sup>20, FM03b, FMFW07, FARLR<sup>+</sup>13, GTSC08, Gol15, GM22, GFW07, HBP<sup>+</sup>14, HMC09, HKO<sup>+</sup>17, JWS01, KMB11, KHT<sup>+</sup>20, LPdR<sup>+</sup>14, LGO08, LPAR24, LPS14, Mal15, MFB18, MG22, MCB<sup>+</sup>15, MBO07, OKH<sup>+</sup>22, PP93, PWF03, PCY<sup>+</sup>13, PRSS23, RLB<sup>+</sup>18a, RAT<sup>+</sup>13, RMD<sup>+</sup>12, RSF<sup>+</sup>99, SZM10, SAG<sup>+</sup>10, SRDV07, SCM<sup>+</sup>08, SKL<sup>+</sup>22, SHC<sup>+</sup>22, SGM<sup>+</sup>14, STS11, Thi98, VMGO<sup>+</sup>09, VSR<sup>+</sup>10, VFFM13, WMH<sup>+</sup>07, WPG<sup>+</sup>07, WW23, ZRG16]. **two-component** [BWD20]. **two-phase** [CL15]. **two-year** [FM03b]. **Tyler** [Row13]. **type** [KWF<sup>+</sup>19, MARFP08, NSMBN08]. **types** [APB<sup>+</sup>09, BRBD17, OCKA<sup>+</sup>11, SDT<sup>+</sup>17]. **Typhoon** [HZY10]. **typhoons** [NMW<sup>+</sup>09, CW22]. **Tyrrhenian** [DCA09, LSA14, Ano09a, BG09b, BGS09, GDD<sup>+</sup>09, LTG<sup>+</sup>09, TGA<sup>+</sup>09, YLD09, dBC<sup>+</sup>09].

**U** [ACH02, FRC<sup>+</sup>10, MES97, TTLP06, VMGO<sup>+</sup>09]. **U.K.** [TOP95]. **U.S** [MSD<sup>+</sup>18, WAL<sup>+</sup>11]. **U.S.** [Ano96g, BBB94, BMK96, BG94, BRBD17, BHLS15, BAC<sup>+</sup>15, BSS15, DTWF17, Eck94, FK98, HMW<sup>+</sup>15, HAF<sup>+</sup>15, JLL<sup>+</sup>15, JSBC15, MK96, Mil94b, MJG95, NESB<sup>+</sup>15, OBC<sup>+</sup>14, SSUB15, Urb20, ZDWR95]. **U.S.A.** [KFF<sup>+</sup>94]. **U/Th** [FRC<sup>+</sup>10]. **U1340** [Hus16]. **U1341** [IOTS16, ITK<sup>+</sup>16, OTN16, WOM<sup>+</sup>16]. **U1341B** [KOS<sup>+</sup>16]. **U1342A** [SKS<sup>+</sup>16]. **U1343** [AKI<sup>+</sup>16, PBVC<sup>+</sup>16, Hus16]. **U1343E** [KOS<sup>+</sup>16, KKT16, TSOT16]. **U1344A** [OM16]. **U1345** [PBVC<sup>+</sup>16]. **UAV** [MRE<sup>+</sup>11]. **UK** [SDGH14]. **Ulleung** [JCP17, JSP<sup>+</sup>17, KKK<sup>+</sup>17, KHH<sup>+</sup>17, MWW<sup>+</sup>05, TTW<sup>+</sup>05]. **ultimate** [HSM<sup>+</sup>01a]. **ultra** [AKHR<sup>+</sup>20, DO96, LLS<sup>+</sup>19, PKZ<sup>+</sup>19, SHF<sup>+</sup>95, SKD<sup>+</sup>16]. **ultra-** [DO96]. **ultra-clean** [SHF<sup>+</sup>95]. **ultra-high** [SKD<sup>+</sup>16]. **ultra-oligotrophic** [AKHR<sup>+</sup>20, LLS<sup>+</sup>19, PKZ<sup>+</sup>19]. **ultrafiltered** [MGS<sup>+</sup>10]. **ultraoligotrophic** [OFD<sup>+</sup>22]. **ultraphytoplankton** [BCO<sup>+</sup>96]. **ultraplankton** [MZH<sup>+</sup>10, VKG93]. **ultraviolet** [WW04a]. **ultraviolet-B** [WW04a]. **Umitaka** [CHU<sup>+</sup>00, SHM<sup>+</sup>07]. **Umitaka-Maru** [CHU<sup>+</sup>00]. **Uncertainties** [EBG<sup>+</sup>15, SHL<sup>+</sup>11, CAJE15, HKAM12]. **uncertainty** [IHPA16]. **Uncovering** [MMS25]. **under-ice** [BBL14, CFL<sup>+</sup>16, KHL<sup>+</sup>15, LS14a, LvDA14, NRS14, ORFA<sup>+</sup>14, SPB<sup>+</sup>14, ZAC<sup>+</sup>15]. **undercurrent** [CGR<sup>+</sup>00, CRMI18, NR00, PSK<sup>+</sup>00b, SA02, RPM07, ZSIW21]. **undercurrents** [EO02]. **underdeveloped** [OBKA17]. **underlying** [DM25, SW00]. **undersaturations** [MCM<sup>+</sup>14]. **Undersea** [ESW<sup>+</sup>16, Mah16]. **understand** [PMJ20, RDW<sup>+</sup>12]. **Understanding** [ACK<sup>+</sup>14, ALR<sup>+</sup>14, BMR<sup>+</sup>14, BL08, DKP<sup>+</sup>17, EAB<sup>+</sup>20, KGJ<sup>+</sup>25, LBD<sup>+</sup>22, LCWJI<sup>+</sup>19, RHD<sup>+</sup>18, RBH<sup>+</sup>20, Smi01, BFL<sup>+</sup>20, BFA<sup>+</sup>08, ELP13, Har06, HWCT11, HAM<sup>+</sup>15, Lin16, OBH<sup>+</sup>19, Pra04, SBL<sup>+</sup>18]. **Understood**

[HB19, HBSV24, HBV19, HBVG20, HBVG22]. **understudied** [CHH<sup>+</sup>22].  
**Underwater** [SHY<sup>+</sup>08, ZLOR02, DLF09a, DDB<sup>+</sup>17, KR11, MMY<sup>+</sup>20].  
**underway** [CDG00, PNS<sup>+</sup>09]. **undiscovered** [BBG15]. **UNDP** [PH19].  
**undulation** [WWL02]. **uneven** [CMT19]. **unexpected**  
[HCBL<sup>+</sup>17, KEPZ93, MBH<sup>+</sup>96]. **Unexpectedly** [SA15b]. **Unicellular**  
[HWP<sup>+</sup>07]. **uniform** [GBJ<sup>+</sup>15]. **unifying** [FO05]. **Unimak** [SRN02].  
**Uniporus** [CP18a]. **unique** [DGT14, GAP<sup>+</sup>06]. **United**  
[SDL22, BRB<sup>+</sup>13, DHS<sup>+</sup>14, PH19]. **University** [HLHW24]. **unmanned**  
[KI18, MRE<sup>+</sup>11]. **Unmelted** [Kyt02c]. **unpredictable** [VAMPR<sup>+</sup>17, Wei07].  
**Unravelling** [JRG<sup>+</sup>22]. **unsteady** [LS04]. **Unstructured** [TFP<sup>+</sup>16].  
**Unusual** [Hec94, ULH<sup>+</sup>21]. **Unusually**  
[DFJ18, LJHAA19, LRN<sup>+</sup>14, HH20, MBB<sup>+</sup>02]. **unvarying** [DN97].  
**Unveiling** [SE24]. **update** [MDC<sup>+</sup>10]. **Updated** [TCM<sup>+</sup>22, WSB13]. **upon**  
[BSN<sup>+</sup>15, HS93, WRS99]. **Upper**  
[BBA<sup>+</sup>98, BBA<sup>+</sup>01, CSP05, CKH<sup>+</sup>08, FK98, HBK<sup>+</sup>98, LTY<sup>+</sup>03, MWW<sup>+</sup>05,  
MPHF02, SGJ<sup>+</sup>20, ASBM02, ARF<sup>+</sup>13, BFT<sup>+</sup>97, CD95, CCM15, DGP20,  
DS24, DMW<sup>+</sup>07, DGN96, DLF<sup>+</sup>09b, DKI<sup>+</sup>00, DI00, DGB<sup>+</sup>98, DEK<sup>+</sup>08,  
ERR97, FWR<sup>+</sup>02, GSM<sup>+</sup>20, HBR11, HLNO96, KWF<sup>+</sup>19, KMSM11, KxF22,  
KSB<sup>+</sup>03, KLKB95, LJBF00, LHX<sup>+</sup>22, LSC02, LN01, LKK<sup>+</sup>95, MLS01,  
MBB<sup>+</sup>02, MV01, MNR<sup>+</sup>11, MNPT06, MC13, NL11, NRM<sup>+</sup>99, OPB15,  
PLRV22, PAR<sup>+</sup>08, PBGCD<sup>+</sup>13, PFW<sup>+</sup>09, PBN10, PSWF19, PNC<sup>+</sup>06,  
PRSS23, RPB02, RMC<sup>+</sup>93, RBS<sup>+</sup>17b, SSSC19, ST13, SDLZ13, TBB<sup>+</sup>14,  
TWC<sup>+</sup>07, WFR<sup>+</sup>02, WWH97, WF99, WGG98, WTSP07, Zon97, SKC99].  
**upper-layer** [DKI<sup>+</sup>00, DI00]. **Upper-ocean**  
[CSP05, HBK<sup>+</sup>98, LTY<sup>+</sup>03, DMW<sup>+</sup>07, DLF<sup>+</sup>09b, FWR<sup>+</sup>02, KxF22, LJBF00,  
MNR<sup>+</sup>11, MNPT06, NL11, RBS<sup>+</sup>17b, WFR<sup>+</sup>02, WF99]. **Upslope** [Zim09].  
**Uptake** [DJR<sup>+</sup>01, GGO<sup>+</sup>14, BNM<sup>+</sup>07, BDNS03, BOP95, CHM<sup>+</sup>17, COJ<sup>+</sup>09,  
CB01, DRBM97, FBCN00, HTA<sup>+</sup>17, JHS<sup>+</sup>17, KIIW03, KNB11, KNC<sup>+</sup>09,  
LJL<sup>+</sup>17, LSS<sup>+</sup>07, NSvH<sup>+</sup>11, PWD<sup>+</sup>11, RWR<sup>+</sup>02, RWJ06, RGS<sup>+</sup>97, RCF<sup>+</sup>16,  
RN96, SH99c, SYS05, TLKT00, TWPP07, WPG<sup>+</sup>07, WCY05, WWN<sup>+</sup>02,  
WWW<sup>+</sup>02, ZHB<sup>+</sup>07]. **Upward** [GHD<sup>+</sup>18, HVBO08]. **upward-looking**  
[HVBO08]. **upwelled** [HKM00, MMHB98, VLK06, WLD<sup>+</sup>06]. **Upwelling**  
[FMH<sup>+</sup>02, RN06, AST<sup>+</sup>05, ADBU18, BN97, BPS00, BGWF08, BLD<sup>+</sup>06,  
BFF<sup>+</sup>10, BBV00, CCG04, CDP<sup>+</sup>02, CSW<sup>+</sup>18, CB00b, CDJM04, DH97,  
DDL06, DVCG<sup>+</sup>12, DRVVS<sup>+</sup>14, DWW<sup>+</sup>02, DBC<sup>+</sup>02, DWHM06, DDB<sup>+</sup>97,  
EDF<sup>+</sup>04, EHK09, FGU04, FWR<sup>+</sup>02, Fon96, GWL<sup>+</sup>15, GBP00, HCL<sup>+</sup>22,  
HSR<sup>+</sup>23, HEV<sup>+</sup>10, HZK04, HS93, JCPC09, KNB<sup>+</sup>24, KC03, KKK<sup>+</sup>17,  
KGB06, KRAS24, LWDH06, LPM<sup>+</sup>19, LPPK14, MAA<sup>+</sup>04, MAA<sup>+</sup>05,  
MKVT<sup>+</sup>04, NSH<sup>+</sup>10, OG11, OCP18, OC00, PCT18, PBS06, PWD<sup>+</sup>11,  
PPL<sup>+</sup>19, PLHMA06, RHI00, RAL04, RGL<sup>+</sup>06a, RMK<sup>+</sup>14, SGD<sup>+</sup>14a,  
SCGDU09, SRC98, SZH<sup>+</sup>04, SPF10, SSW05, SMBM00, SBB06, SPB<sup>+</sup>14,  
SVS<sup>+</sup>20, SCPP05, STS11, Thu98, VSGGPR14, WMB<sup>+</sup>08, vGTG<sup>+</sup>00,  
vRPD<sup>+</sup>18]. **upwelling-influenced** [DRVVS<sup>+</sup>14]. **Urania** [ABG<sup>+</sup>20].  
**Uranium** [AFM93]. **Uranium-series** [AFM93]. **urchin**

[BSH<sup>+</sup>11, GIPLL<sup>+</sup>14]. **urchins** [BVL04, PP13, PL04, SLS17]. **urea** [CHG15, TLKT00]. **Uria** [KIM08, WTI<sup>+</sup>20]. **urine** [DRR<sup>+</sup>14]. **ursinus** [CRJ<sup>+</sup>08]. **Uruguay** [RDdL<sup>+</sup>13]. **Uruguayan** [RSCFT<sup>+</sup>16, RSCFT<sup>+</sup>13]. **US-GEOTRACES** [SML15]. **USA** [ASBM02, TBA<sup>+</sup>02, BMH05, BR14, BWH<sup>+</sup>17, DDL06, DLKP14, FPS10, GKQ<sup>+</sup>05, LLK05, MBB<sup>+</sup>02, MC18a, PCF<sup>+</sup>18, SSV02, WKM<sup>+</sup>07a]. **Use** [NLY<sup>+</sup>13, Thi01, AWL<sup>+</sup>09, AD08, BFDB17, BCN<sup>+</sup>17, BLS<sup>+</sup>97, BCF<sup>+</sup>04, CLQ<sup>+</sup>18, CWE<sup>+</sup>17, DHS<sup>+</sup>14, FGB10, GAC<sup>+</sup>02, HWN<sup>+</sup>04, HCRX16, HON<sup>+</sup>13, Joh19, KM05a, KI18, MPF<sup>+</sup>17, OMAA18, PHE<sup>+</sup>18, PNVJ13, RG13, RCM<sup>+</sup>17, SGD<sup>+</sup>14a, SID19, SVJ<sup>+</sup>08, SFH<sup>+</sup>18, SCGB18, SSB<sup>+</sup>06, SBG<sup>+</sup>06, TMH<sup>+</sup>08, VMGO<sup>+</sup>09, XSL<sup>+</sup>17, YZ00]. **used** [DTWW17, DTWW21, KBR18, OSM<sup>+</sup>20]. **USGT10** [BAC<sup>+</sup>15]. **USGT11** [BAC<sup>+</sup>15]. **Using** [CWEHT22, LNDH<sup>+</sup>17, MBP<sup>+</sup>20, MCH<sup>+</sup>13, PDA<sup>+</sup>17, PLA<sup>+</sup>17, RLB<sup>+</sup>18a, ŠH11b, TCEW07, ZKSS06, ZRG16, ADBW16, ABE<sup>+</sup>11, AKK<sup>+</sup>05, ADGA01, AGP05, ADG<sup>+</sup>08, AMK<sup>+</sup>05, BES11, BDBB07, BCT21, BDL<sup>+</sup>14, BFH<sup>+</sup>23, BBT<sup>+</sup>18, Car01, CC15, CM99a, COJ<sup>+</sup>09, CLGM05, CG18, CKH<sup>+</sup>08, CWD<sup>+</sup>10, DGP20, DS24, DGMS96, DBMI17, DBBWH20, ESK06, EP18, FA03, Fre13, GBC<sup>+</sup>13, GDL22, GGAMV<sup>+</sup>23, GPF16, GdRGLS04, GGP<sup>+</sup>14, HSO04, HSM<sup>+</sup>01a, HPH<sup>+</sup>16, HSR<sup>+</sup>22, HBM<sup>+</sup>07, HZW<sup>+</sup>23, HVBO08, IS07, IFFGL<sup>+</sup>04, Jac95a, JLAD95, JBR<sup>+</sup>18, JDL<sup>+</sup>12, JMM<sup>+</sup>13, KGJ<sup>+</sup>25, KTP<sup>+</sup>20a, KTP<sup>+</sup>20b, KOM17, KG20, KKUK10, KYW20, Kli09, KKD06, KRAS24, LLB<sup>+</sup>00, LDHO<sup>+</sup>14, LPW<sup>+</sup>09, LVP13, LCL<sup>+</sup>22, LL13, MZD<sup>+</sup>11, MGT<sup>+</sup>20, MCSF15, MRE<sup>+</sup>11, MRD13, MXC15, MW05b, Mit96, MYN<sup>+</sup>96, NMW<sup>+</sup>09, NDE14, OM16, OBPY10, PCDM11, Pas18, PBG<sup>+</sup>10, PHD<sup>+</sup>18, PFW<sup>+</sup>09, PDB<sup>+</sup>16, PSP<sup>+</sup>09, PCB<sup>+</sup>17, PR05]. **using** [PFAZL09, RAS23, RD97, RAL<sup>+</sup>01, SMY<sup>+</sup>98, SLS<sup>+</sup>07, SP19a, SYS05, SJL05, SSR96, STP<sup>+</sup>16, SMA01, SHY<sup>+</sup>08, SMSA05, SL11, SCSMT20, SSB<sup>+</sup>06, Thi05, TVLB08, TMGLM19, TBPS22, TPP<sup>+</sup>20, VGD14, WH01b, WDFK<sup>+</sup>22, WCSA<sup>+</sup>16, WTSP07, WLT20, ZNM<sup>+</sup>02, vdROO<sup>+</sup>24]. **utilisation** [CRDP02]. **utility** [SHS<sup>+</sup>12]. **Utilization** [MP99, EHK<sup>+</sup>20, KBLA97, KSBK01, Kem94, MJW<sup>+</sup>06, MBL<sup>+</sup>15, MQACB08, RLP<sup>+</sup>98, RTI<sup>+</sup>16, SMB<sup>+</sup>93]. **UV** [CWWB04, ÖCB<sup>+</sup>04].

## V

[BH03, EBG<sup>+</sup>11, Kli09, PBO<sup>+</sup>11, PDBH03, CP22, CPM<sup>+</sup>18, RAB<sup>+</sup>17, Ste13]. **vagrant** [OCG<sup>+</sup>09]. **Valdez** [ALHP18, EBM<sup>+</sup>18, LMH<sup>+</sup>18, NM18, RP18]. **validation** [CFZ<sup>+</sup>18, CWS<sup>+</sup>23, GGSC03, HKMS03, PDB<sup>+</sup>16, SABP<sup>+</sup>16, YHL<sup>+</sup>12]. **validity** [BWD20, SLC<sup>+</sup>15]. **vallentini** [HA10]. **Valley** [FR10]. **valleys** [SBDB09]. **valuable** [ADK<sup>+</sup>15]. **valuation** [Sum19]. **value** [FRBB13, RG13, JMP<sup>+</sup>19]. **values** [CHG15, DSBS20, JHHK14, Osc01, SBL<sup>+</sup>18]. **Valvifera** [GMB18]. **Vancouver** [DGN<sup>+</sup>17, HVWH09, PDC<sup>+</sup>99, SMLP04]. **vaporization** [GDYW02]. **Variabilities** [CCC<sup>+</sup>03, RMC<sup>+</sup>93]. **Variability**

[ABD<sup>+</sup>13, BCBF03, CSM<sup>+</sup>13a, CFT<sup>+</sup>04, CMAO<sup>+</sup>12, DL04, ESWL20, EBDL08, FWG<sup>+</sup>97, HLZY10, HD07, KSU<sup>+</sup>06, LKL<sup>+</sup>13, LWC05, LRM<sup>+</sup>02, LSA14, LRM07, MDH<sup>+</sup>98, MZH<sup>+</sup>10, MHPS19, MJG<sup>+</sup>13, MBW<sup>+</sup>08, MHVM<sup>+</sup>08, RCW<sup>+</sup>15, SYT<sup>+</sup>10, SS01, SKSW02, TPGCCS<sup>+</sup>02, TMTR14, TWPP07, VPSL15, WF99, WWS02, Yu03, ZDBG05, AMJRD19, AML<sup>+</sup>19, ALHP18, AISR<sup>+</sup>16, ÁRR02, AGGdC14, dSVC<sup>+</sup>14, ACK<sup>+</sup>14, Ano95b, Ano96g, AMH<sup>+</sup>01, ATS<sup>+</sup>96, ALR<sup>+</sup>14, ACG19, ALT<sup>+</sup>13, AGJ07, AL13, BCBB12, BG08, BTP<sup>+</sup>18, BL99, BLSW05, BB09, BMK96, Bat01, BRD<sup>+</sup>18, BDWG02, BEC<sup>+</sup>96, BB98, BO96, BSM01b, BKD06, BCS99, BRL<sup>+</sup>03, BL03, BY04, BHSJ16, BDR<sup>+</sup>03, BT04, BT03, BWC<sup>+</sup>02, CCG04, CBBM12, CCP<sup>+</sup>18, CHPF10, CBS<sup>+</sup>96, ILCCC07, CG07, CCS<sup>+</sup>16, CWS05, CVM<sup>+</sup>01a, CM03, CMR<sup>+</sup>18, CPS05, CMW<sup>+</sup>08, CRR01, CKH<sup>+</sup>08, CMJ<sup>+</sup>18, CS19, DSB<sup>+</sup>18]. **variability** [DS21, DDN<sup>+</sup>04, DKN<sup>+</sup>97, DC00, DDL06, DRVVS<sup>+</sup>14, DMS<sup>+</sup>98, DZY<sup>+</sup>01, DLF<sup>+</sup>09b, DTR<sup>+</sup>09, DRS10, DG18, DFMG01, ERR97, ESK<sup>+</sup>23, EBGCL08, ECD<sup>+</sup>17, FGU04, FBC<sup>+</sup>02, FM03b, FCA04, GLCP12, GSMG04, GOD<sup>+</sup>01, GSW<sup>+</sup>09, GLK<sup>+</sup>06b, GGTMG<sup>+</sup>10, GBP21, GHB<sup>+</sup>05, GK02, HXF<sup>+</sup>23, HAH<sup>+</sup>01, HC15, HHH<sup>+</sup>14, HS07, HFM<sup>+</sup>02, HGB<sup>+</sup>13, HGMA<sup>+</sup>02, dITGCAB<sup>+</sup>03, HBR11, HZT<sup>+</sup>06, HZK04, HTW14, HWL06, HXC<sup>+</sup>22, HNCW23, IS07, IIM02, IIM<sup>+</sup>09, ITMG18, JBC<sup>+</sup>21, KHS<sup>+</sup>02, KMLC<sup>+</sup>04, KK19, KAI21, KCD<sup>+</sup>96, KW03, KDMH18, KFH01, KMD<sup>+</sup>99, KIS02, KBE<sup>+</sup>04, KWW04, KN05, LUV99, Lad14, LDV<sup>+</sup>02, LBMvdB14, LSdC<sup>+</sup>10, LCW20, LK02, LK11, LJBF00, LPJ<sup>+</sup>16, LCG03, LCD01, LHM14b, LM13, LSGM02, LIS<sup>+</sup>02, LCT<sup>+</sup>07a, LSHP01, LD07, LSWH07, LBM<sup>+</sup>20, Loh08, LMC<sup>+</sup>12, LBB11, LG15, LSM96, LSOM16, MCL<sup>+</sup>19, MHB<sup>+</sup>23, MHG<sup>+</sup>04, MvSHD01, MDH08, MDTS11a, MRSLM<sup>+</sup>19]. **variability** [MSI<sup>+</sup>08, MDB98, MPS<sup>+</sup>21, MHB05, MB01, MPH<sup>+</sup>22, MSC04, MAST05, MG13, Men23, MHA<sup>+</sup>15, MMH<sup>+</sup>08, MRD13, MiSW08, MFG<sup>+</sup>04, MMC11a, MTMK<sup>+</sup>13, MMMC07, MBC<sup>+</sup>20, MMM<sup>+</sup>00, MSBS01, NGM<sup>+</sup>20, NKF<sup>+</sup>10, NBB<sup>+</sup>02, NR06, NLSL09, NBSM01, NDD<sup>+</sup>14, NPF<sup>+</sup>09, NESB<sup>+</sup>15, ONSSVGR04, OHS10, OGRdO18, OWD13, OGG<sup>+</sup>20, PF02, PH17, PS23, PKR<sup>+</sup>01, PvRR18, PP95, PH96, PFC19, PK03, PNL<sup>+</sup>19, PAM<sup>+</sup>14, PRP15, PKA05, PLHMA06, PSWF19, Pri06, QLU09, RBMY02, ROPB03, RKTG14, RMA<sup>+</sup>20, RJB<sup>+</sup>04, RSW<sup>+</sup>13, RBO07, RJGBF02, RDG<sup>+</sup>95, RHM13, RMBG11, SLC<sup>+</sup>20, SMLP04, SSH<sup>+</sup>02, SVJRSON04, SP19a, SMB<sup>+</sup>13, SPSM23, SiSA<sup>+</sup>02, SH00, SHB02, SdRvLR03, SHA02, SLM<sup>+</sup>20, SZH<sup>+</sup>04, SFG98, SW01, SGW<sup>+</sup>15, SET<sup>+</sup>09, SLB13a, SGB<sup>+</sup>08, SHFM01, SM03, SMS03, SP00, SPB<sup>+</sup>10, SCB<sup>+</sup>16, SPH<sup>+</sup>03, SKM<sup>+</sup>08, SM20, SMSI08, SMGB02, SMGB03, SJ00, STS11, TSS<sup>+</sup>21]. **variability** [TWA<sup>+</sup>12, THJ<sup>+</sup>05, TCM<sup>+</sup>04, TSWJ12, TM22, TKF07, TLP<sup>+</sup>19, TMW<sup>+</sup>05, TCH<sup>+</sup>16, UIS<sup>+</sup>03, UY04, VH99, VNBW18, VCDAL14, WHF<sup>+</sup>19, WCMB06, WAT12, Wei15, WDR05, WPW95, WMC06, WGST08, WSFB02, WSB13, WWC<sup>+</sup>99, YCD<sup>+</sup>06, YSAER25, YKS<sup>+</sup>19, YSMW05, YAS<sup>+</sup>93, YXZ<sup>+</sup>22, ZPT<sup>+</sup>13, ZXLL10, bsBD<sup>+</sup>20, vGFGS02]. **variability** [SMS<sup>+</sup>08]. **Variable** [ASF<sup>+</sup>12, BS05, BS06, BLD<sup>+</sup>06, CBV<sup>+</sup>16, JGM09, LGF03, LAPL<sup>+</sup>16,

RSS01, SVS<sup>+</sup>20, ZG15]. **variables**

[AST<sup>+</sup>05, ANS<sup>+</sup>11, AMTE09, CSZ<sup>+</sup>25, CH24, DGR19, IBK<sup>+</sup>11, JRGLJ<sup>+</sup>19, OB22a, RLB<sup>+</sup>18a, SCD14, SRC98, UY04, XSM<sup>+</sup>19, ZFP<sup>+</sup>16, dLC<sup>+</sup>14].

**variants** [XSL<sup>+</sup>17]. **Variation**

[BCB<sup>+</sup>18, GFS15, HKN<sup>+</sup>04, HTM<sup>+</sup>03, KMOM19, LWW<sup>+</sup>15, MDJS11, SNS<sup>+</sup>16, ADE22, AELP14, BN97, BFC<sup>+</sup>06, BLBW<sup>+</sup>11, BL00, CSGC03a, CJF<sup>+</sup>12, CSS<sup>+</sup>22a, CRBK03, CKL03, DKT<sup>+</sup>01, DPS<sup>+</sup>11, FRBB10, GBH<sup>+</sup>17, GWWL03, GKR<sup>+</sup>18, HSSN08, HRK14, INTS02, JC03, JYM<sup>+</sup>15, JKP<sup>+</sup>17, JLJ<sup>+</sup>12, Kas24, LCL<sup>+</sup>10, MHS01, Man94, MMID17, MMS<sup>+</sup>19, MC18b, MLR07, MPF<sup>+</sup>17, MHSV18, MCG<sup>+</sup>98, MMG98, ONRW10, OYK15, OB22a, PPYN15, PDC<sup>+</sup>21, RWL<sup>+</sup>93, SHI06, SF24, SNH<sup>+</sup>23, SGC03, SSK<sup>+</sup>05, SSK<sup>+</sup>07, SAB08, TRB98, VSV<sup>+</sup>97, WGMC14, YQMB20, ZZX<sup>+</sup>13].

**variational** [FM03c, SJL05]. **Variations**

[ABC<sup>+</sup>04, BFH<sup>+</sup>11, CFL<sup>+</sup>16, EFR<sup>+</sup>19, KR95, KRHS20, NMW<sup>+</sup>09, SLH<sup>+</sup>00, WCS07, WSP19, ZCG<sup>+</sup>12, ZZZ<sup>+</sup>16, ALWW04, BRJM18, BMH05, BH19a, BCM02, BHHM<sup>+</sup>12, CD95, CH24, CLC<sup>+</sup>03, CLL<sup>+</sup>03, CGR<sup>+</sup>96, CSS<sup>+</sup>02, DW15a, DEJ08, DN97, DHM<sup>+</sup>22, DS24, DSG<sup>+</sup>09b, DFK<sup>+</sup>06, DO96, EHL02, EGL<sup>+</sup>16, FBL<sup>+</sup>98, FGW02, FDM<sup>+</sup>97, HP98, HLL<sup>+</sup>10, HMW00, HK01, Hei02, HPY<sup>+</sup>15, HBC<sup>+</sup>12, HF21, Ike03, IKR<sup>+</sup>12, IPTH03, JRG<sup>+</sup>22, JZX10, KL03, KS10, LBD<sup>+</sup>02, LT16, LDWK96, bLHsL<sup>+</sup>13, LH07, LZZ<sup>+</sup>16, MZD<sup>+</sup>11, MT15, MC02, MBMM<sup>+</sup>99, MDTs08, MV99, MSC<sup>+</sup>19, MCJ<sup>+</sup>99, MPS<sup>+</sup>03, NI10, NOFP14, OENB01, PDA<sup>+</sup>20, PVK<sup>+</sup>20, PG07, PDA<sup>+</sup>17, PLA<sup>+</sup>17, PRB<sup>+</sup>11, RRMM05, RAR04, RP05, SSI<sup>+</sup>99, SVR<sup>+</sup>00, SRY04, SF04, SFW08, SBD<sup>+</sup>97, SSP<sup>+</sup>06, SBN<sup>+</sup>15, SFB19, SGP<sup>+</sup>11, TS93, TWC<sup>+</sup>07, TNIW02, VABCR<sup>+</sup>24, VLP<sup>+</sup>17, WFA<sup>+</sup>95, WMM02, YOK<sup>+</sup>10]. **variations**

[ZDWR95, ZHY<sup>+</sup>13, ZLW<sup>+</sup>19, vRPD<sup>+</sup>18]. **Varied** [MKW11]. **vary**

[BvGH<sup>+</sup>17, WAN<sup>+</sup>15]. **varying**

[BN05, Blu93, BMH<sup>+</sup>94, Dal04, DBS98, HPS<sup>+</sup>13, HSFN13, LK98]. **vascular**

[YERT13]. **vast** [RMPI<sup>+</sup>17]. **Vaughan** [WF13]. **vectors** [Ark13]. **veering**

[NR00]. **Vehicle**

[MCH<sup>+</sup>13, CSW<sup>+</sup>18, DDB<sup>+</sup>17, DBBWH20, HSM11, KI18, LAJP13, MRE<sup>+</sup>11].

**vehicles** [KR11]. **velocities**

[BB03, ESA<sup>+</sup>09, RN06, SJ00, SS13b, VABCR<sup>+</sup>24, XA09]. **velocity**

[APLW09, Fre13, Har96, HVBO08, LPW<sup>+</sup>09, RPS<sup>+</sup>11, SWCB02, SCM<sup>+</sup>09, TSDG13, VT09, WLP<sup>+</sup>09]. **VEMA** [BBT<sup>+</sup>18, BFB<sup>+</sup>18, CP18b, DAB<sup>+</sup>18, GLMB18, LS18, RKB18, SLB18, SWL<sup>+</sup>18, ZV13]. **Vema-TRANSIT**

[CP18b, RKB18]. **veneficum** [DLG<sup>+</sup>14]. **Venezuela** [MTMK<sup>+</sup>13]. **vent**

[CSE<sup>+</sup>22, GFS15, HRS<sup>+</sup>23, HSZS17, KB15, KEA<sup>+</sup>17, LDSV98, MG22, MCB<sup>+</sup>15, MFS<sup>+</sup>23, MTDK98, MMM<sup>+</sup>13, Phi17, PPFS17, SBM<sup>+</sup>13, Sot09, ULH<sup>+</sup>21, ZJFV15]. **ventilation** [CMAO<sup>+</sup>12, MW05b, PRJW05, PGK15, PRB<sup>+</sup>11, SvdLM95, THJ<sup>+</sup>17, YCYK10, vCHM18]. **venting**

[Bak98, BT15, MS18]. **vents** [Ala22, BBG15, EMV09, KCD<sup>+</sup>17, KM98, MTB09, MCH<sup>+</sup>13, MKD23, MMG98, NCK<sup>+</sup>22, OGG<sup>+</sup>15, PZL<sup>+</sup>09, RDV<sup>+</sup>09, SSK<sup>+</sup>23, SFV<sup>+</sup>98, TTD13, VB98]. **Verification** [ZDO19]. **Vernal**

[BLdM<sup>+</sup>02, LMDW06, OT10]. **versus**  
 [BTUV08, FHW06, RLP<sup>+</sup>98, SHF<sup>+</sup>95, TSWJ12]. **vertebrate** [FG07].  
**vertebrates** [Pon07]. **VERTical**  
 [BTS<sup>+</sup>08, AAMF<sup>+</sup>02, AKH<sup>+</sup>02, Bla94, CW15, FPLB<sup>+</sup>08, FGF<sup>+</sup>14, Fre13, FSGV<sup>+</sup>09, GSB<sup>+</sup>23, GGTMG<sup>+</sup>10, HA10, Har96, ISB<sup>+</sup>11, JYM<sup>+</sup>15, KMKA20, KOT<sup>+</sup>20, LCR<sup>+</sup>96, MDTS11b, NAB<sup>+</sup>02, NED09, OB22b, PHS03, RRWR08, RWRS08, SSDA13, SM20, SMGB02, SMGB03, SHY<sup>+</sup>08, SESS08, SPH<sup>+</sup>08, TR02, TS10, TKP<sup>+</sup>20, Uys06, WZZ<sup>+</sup>19, WLZ<sup>+</sup>19, WAN<sup>+</sup>15, Wit00, YMC<sup>+</sup>22, YSHS08, AVS<sup>+</sup>20, ASFI02, BFDB17, BFL00, BASLK04, CD95, CLC<sup>+</sup>20, CSP05, CDH<sup>+</sup>00, CMB02, CP05, DPS<sup>+</sup>14, DSvR<sup>+</sup>18, DB02, FGH<sup>+</sup>13a, GGF<sup>+</sup>08, GMK<sup>+</sup>08, GSGS01, HCBP97, HHH01, HH93, HHD<sup>+</sup>09, KFF<sup>+</sup>94, KL03, KH10, Lar04, LML<sup>+</sup>01, LSM<sup>+</sup>06b, LS10, LYL22, LDX<sup>+</sup>23, LOFC00, MMY<sup>+</sup>20, MRRG23, MR01, MPH<sup>+</sup>05, MLP<sup>+</sup>10, MNN10, MDM<sup>+</sup>13, MBK97, MBM<sup>+</sup>00, Mun14, Mun16, MSBS01, NMC<sup>+</sup>07, PFDG08, PWMC01, PFW<sup>+</sup>09, PTD<sup>+</sup>14, PBN10, PC98, PVT<sup>+</sup>21, RA98, RMA<sup>+</sup>20, RNP93].  
**vertical** [RN06, SZV<sup>+</sup>19, SGM<sup>+</sup>02, SAM96, TRH<sup>+</sup>08, TPW07, TBT05, Uml05, WDD<sup>+</sup>22, WAL<sup>+</sup>11, WW04b, YOK<sup>+</sup>10, YTF02, YSAER25, YXC<sup>+</sup>19, YO96, ZD04, TBB<sup>+</sup>08]. **Vertically** [SS13b]. **VERTIGO**  
 [BL08, TBB<sup>+</sup>08, EBB<sup>+</sup>08, BGS<sup>+</sup>08, BTS<sup>+</sup>08, LBL08]. **very** [PMLM<sup>+</sup>02].  
**vesicomylid** [DZL<sup>+</sup>17]. **Vesicomylidae**  
 [LVJC17, BBAL<sup>+</sup>20, KKVP15, vCO09]. **Vesicomylinae** [KKVP15]. **vessel**  
 [ZNM<sup>+</sup>02]. **vestimentiferan** [BTM<sup>+</sup>98]. **vestimentiferans** [MHC<sup>+</sup>10].  
**Vetigastropoda** [FHK18]. **VI** [DZ08, VMF<sup>+</sup>16]. **via**  
 [AGN<sup>+</sup>02, BEB<sup>+</sup>13, CHN<sup>+</sup>18, GLK<sup>+</sup>06a, SVS<sup>+</sup>20, SDLZ13, WJS<sup>+</sup>10].  
**viability** [VCM<sup>+</sup>14]. **Viable** [CLT94, TIS<sup>+</sup>13]. **vicinity**  
 [BJK<sup>+</sup>22, DHST13, FWP<sup>+</sup>07, FSK<sup>+</sup>02, FPGH02, GFPM02, HKN<sup>+</sup>04, HPM02, KRS<sup>+</sup>11, LTW<sup>+</sup>22, LPSS03, MAN<sup>+</sup>20, MiSW08, MPTW11, NGM<sup>+</sup>05, PC08, PSF<sup>+</sup>07, RT20, RHZ<sup>+</sup>03, SLMP07, SLB13b, TS03, VTD<sup>+</sup>20, VHT<sup>+</sup>20, ZZP04, ZHB<sup>+</sup>07]. **Victoria** [LCVV06, MCCM<sup>+</sup>98].  
**Video** [BL06, DGMS96, SHY<sup>+</sup>08, BBS<sup>+</sup>20, CGG<sup>+</sup>19, DFMW13, DDB<sup>+</sup>17, LAJP13, MMY<sup>+</sup>20, Mah16, NKE11, NDE14, SBS<sup>+</sup>08, TGU<sup>+</sup>06, ADGA01, AGP05, ADG<sup>+</sup>08, BDW<sup>+</sup>96, BWS<sup>+</sup>98]. **video-recorded** [DFMW13].  
**video-spatial** [BBS<sup>+</sup>20]. **videography** [MCH<sup>+</sup>13]. **Vietnam** [NCT13].  
**Vietnamese** [TAMTC<sup>+</sup>13]. **View**  
 [Ano06c, BW14, PPRL02, PGC<sup>+</sup>11, RPH<sup>+</sup>06, RGL06b, STM04a, STM04b].  
**viewing** [STM04a, STM04b]. **Views** [STM04a, STM04b, CB09a, TSWJ12].  
**vigorous** [ROBV<sup>+</sup>18]. **village** [Col16]. **villosus**  
 [ASF<sup>+</sup>16, LSWH07, ODR<sup>+</sup>09]. **Vinciguerrria** [GGAMV<sup>+</sup>23]. **Viral**  
 [BFML<sup>+</sup>08, GBVG<sup>+</sup>02, MNB02, DCL<sup>+</sup>09, JBS<sup>+</sup>98]. **virally** [BTUV08]. **virio**  
 [HCL<sup>+</sup>22]. **virio-** [HCL<sup>+</sup>22]. **Virioplankton** [BTUV08]. **Virus**  
 [WTZ02, HKN<sup>+</sup>09, MNB02]. **viruses** [Kel10, PvRR18]. **Visayan**  
 [BRCFP23]. **viscosity** [SLS<sup>+</sup>10]. **viscous** [SBB<sup>+</sup>05, Web19]. **visible** [BW93].  
**visits** [GBB<sup>+</sup>17]. **visual** [MSM10, OCKA<sup>+</sup>11]. **visualization**  
 [DGMS96, GWP<sup>+</sup>98a]. **vital** [RAF<sup>+</sup>14a, RAF<sup>+</sup>14b]. **vitrea** [PBG07]. **vitro**

[BGH99, RJWD01]. **Vityaz** [BM15, EMG<sup>+</sup>15]. **vivo** [DN97]. **vocalizing** [MT98]. **Vol** [PNLF02, PNLFS03]. **volatile** [ABC<sup>+</sup>04]. **volcanic** [CR06, FD98, GSB<sup>+</sup>03, IAC<sup>+</sup>03, RVC<sup>+</sup>13b, SKS<sup>+</sup>16, WH98]. **volcanism** [DLHH11]. **Volcano** [CSE<sup>+</sup>22, MG22, MTB09, MS18, RKM<sup>+</sup>23b, BEZ<sup>+</sup>22, IAC<sup>+</sup>03, KBW<sup>+</sup>11, MWK<sup>+</sup>18, MFS<sup>+</sup>23, PPR<sup>+</sup>20a, SKS<sup>+</sup>23, HRS<sup>+</sup>23]. **volcanoes** [CSG<sup>+</sup>15, GPBV<sup>+</sup>07, TTD13]. **Volcanologists** [RKM23a]. **Volume** [AS01b, Ano95g, DCN<sup>+</sup>02, DB16, GSF<sup>+</sup>20, HS13, HB19, HBSV24, LLK<sup>+</sup>16, LS14b, PNLFS02, VNA<sup>+</sup>16, VGZ<sup>+</sup>19, VCG<sup>+</sup>20, Ano96c, Ano97b, Ano01a, BC03, BKY<sup>+</sup>17, DGA<sup>+</sup>11, FL04, GSF<sup>+</sup>19, GHS09, Har11, HWP<sup>+</sup>11, Hol96, HBV19, HBVG20, HBVG22, JC03, KD13, Kro05, OBH<sup>+</sup>19, SSV02, SD08, WMS<sup>+</sup>96, YZ00]. **Voracious** [MBH<sup>+</sup>96]. **vortical** [Hol06]. **vorticity** [OWD13]. **voyages** [TBB<sup>+</sup>08]. **vs** [Che02, Che03, ETP<sup>+</sup>16, HCHD09, PF02, SBR<sup>+</sup>97, VCM<sup>+</sup>14]. **Vth** [HBBD03, PS03, HB03]. **Vulcanellidae** [SKS<sup>+</sup>23]. **Vulnerability** [BJF16, LFKF<sup>+</sup>17, DTR<sup>+</sup>09]. **vulnerable** [AH17, DWG<sup>+</sup>15, FPB<sup>+</sup>14, RSGC25, VGD14].

**W** [Goe02, MWB<sup>+</sup>09, PWD<sup>+</sup>11, AF01, BK96a, BPD<sup>+</sup>11, BKD06, Bol08, BZvHH00, BL01b, BBA<sup>+</sup>01, BBD<sup>+</sup>03, CMT93, CGR<sup>+</sup>96, CWTJ03, DURP03, DMJ93, DJR<sup>+</sup>01, DNA97, FDM<sup>+</sup>97, FG97, GG93, HM93, HFM<sup>+</sup>00, ILWH03, IF95, JPM99, KF95, KR95, KRB95, KEPZ93, LKC96, LSB<sup>+</sup>02, LBB95, LDFS93, LFHM97, LKK<sup>+</sup>95, MH93, MGNB96, MAB<sup>+</sup>01, MGC<sup>+</sup>01, NPF<sup>+</sup>09, PWD<sup>+</sup>11, PH96, Pfa93, PGS14, PDB<sup>+</sup>20, RWL<sup>+</sup>93, RW95, RDG<sup>+</sup>95, SLT<sup>+</sup>11, TCJ<sup>+</sup>11, VSSN96, VPS97, WZW<sup>+</sup>95, ZBvH<sup>+</sup>00, ZSB01]. **W-140°** [PWD<sup>+</sup>11]. **Wadleigh** [Ano06a]. **Waisiuconcha** [BBAL<sup>+</sup>20]. **wake** [THJ<sup>+</sup>05]. **Wales** [OG11]. **Wallaby** [BNKJ23]. **walled** [HdVGHM02, ZB00, dSG09a]. **Walleye** [WWN<sup>+</sup>22, BCBB12, Blo02, BOKA16, CBSS02, DABF<sup>+</sup>16, EZB<sup>+</sup>20, EBG<sup>+</sup>22, EMB<sup>+</sup>22, GEP<sup>+</sup>16, GBP21, HPH<sup>+</sup>16, MES<sup>+</sup>23, MZH16, PHH<sup>+</sup>16, SHN<sup>+</sup>07, SHM13, SNS<sup>+</sup>16, SDAH<sup>+</sup>12, SSDA13, SCD<sup>+</sup>22, SHPM14]. **walls** [PZL<sup>+</sup>09, YSAER25]. **walrus** [HNB<sup>+</sup>13, YBC<sup>+</sup>17]. **walruses** [KR07]. **Walter** [BLS05]. **Walters** [DNR20, MGT<sup>+</sup>20]. **wane** [BCBF03]. **Ward** [Eif05]. **warfare** [BSSE16, KSDE16]. **Warm** [NSH<sup>+</sup>10, ASF<sup>+</sup>16, BSG<sup>+</sup>11, Bre93, CCC<sup>+</sup>23, DGR19, Dri09, FM03a, FHAH16, GOGCDB18, HHX<sup>+</sup>10, IIM<sup>+</sup>09, KNG02, KIY<sup>+</sup>05, KHL<sup>+</sup>17, LJHAA19, LBD<sup>+</sup>02, LZC<sup>+</sup>16, LZZ<sup>+</sup>16, MFFM03, MST<sup>+</sup>14, OWW<sup>+</sup>12, ROC<sup>+</sup>21, RSC07, RYT01, SYT<sup>+</sup>10, SSK<sup>+</sup>05, SSK<sup>+</sup>07, SKM<sup>+</sup>12, SKW07, SNK07, TNT<sup>+</sup>15, ZDBG05, BLG15]. **warm-** [SKW07]. **warm-core** [BSG<sup>+</sup>11, FM03a, MFFM03, RYT01, TNT<sup>+</sup>15]. **warm/fresh** [IIM<sup>+</sup>09]. **Warming** [FHR<sup>+</sup>11, AHV<sup>+</sup>17, CSS<sup>+</sup>22a, DAA<sup>+</sup>20, EHK<sup>+</sup>20, FMC<sup>+</sup>20, GBJ<sup>+</sup>15, HNW<sup>+</sup>08, HK19, HV03, KCL20, LWJR22, MAH<sup>+</sup>12, SBM<sup>+</sup>18, SBS07, VAT23, XWZ24]. **Was** [Qua97, OUJ<sup>+</sup>19]. **Washington** [PCF<sup>+</sup>18, SMLP04]. **washingtonia** [TMBTS09]. **wastes** [KB95]. **wasting** [CRD<sup>+</sup>17]. **Water** [AKBD13, ACSG15, ADAM02, BCI02, BFH<sup>+</sup>11, BSZ99, BRSIW95, Cor10,

DSK<sup>+13</sup>, DFF02, DKS11, DFK<sup>+06</sup>, EPPR09, GZGH22, GMS<sup>+02</sup>, GLDCA<sup>+06</sup>, GCR<sup>+02</sup>, HF01, JSBC15, JTDG13, KQ02, KD13, KHB<sup>+04</sup>, LKD<sup>+15</sup>, LGQ99, LLM<sup>+03</sup>, MBT97, NRBO<sup>+05</sup>, OWD13, PHOM09, PMM<sup>+94</sup>, QNL<sup>+16</sup>, RAF<sup>+11</sup>, SC10, SH99b, SMB02, SP19b, SRF09b, SK02, TGLN93, VPK<sup>+19</sup>, You99, You10, YCYK10, ZGGF22, Ala13, ACPV04, AAG19, AHVB<sup>+17</sup>, AL13, BN05, BCBB12, BOC18, BMP<sup>+09</sup>, BSK<sup>+97</sup>, BCBF03, BCN<sup>+17</sup>, BM17, BFT10, BFT<sup>+97</sup>, BDL<sup>+14</sup>, BW99a, BRW00, BY04, BL04, BBB<sup>+11a</sup>, BSSE16, BAKF03, BR14, BWH<sup>+17</sup>, BBW<sup>+15</sup>, BAC<sup>+02</sup>, BLSS10, BT15, CP13, CBCT09, CB16, CPF<sup>+14</sup>, CFT<sup>+04</sup>, CMAO<sup>+12</sup>, CMBPM04, CA06b, ÇYFB<sup>+06</sup>, ÇYAYT06, CMA<sup>+09</sup>, Cok16, CCM15, CJ19, CKS05, CRM<sup>+16</sup>, CJF<sup>+12</sup>, CMB02, CMVS<sup>+10</sup>, CG15, CNM17, CP05].

**water**

[CPEN08, Cra05, CAGLV<sup>+06</sup>, Cri95, CMPB18, DMS<sup>+10</sup>, DCC<sup>+17</sup>, DLG<sup>+14</sup>, DEL<sup>+17</sup>, Dau18, DGT<sup>+17a</sup>, DRRBC16, DC12, DSO<sup>+97</sup>, Di 10, DGB<sup>+98</sup>, ETP<sup>+16</sup>, EBM<sup>+25</sup>, EFW<sup>+14</sup>, ESL<sup>+10</sup>, EP18, EMW<sup>+08</sup>, FBP<sup>+17</sup>, FHR<sup>+11</sup>, FDP<sup>+14</sup>, FCA04, FGH<sup>+13b</sup>, FKH13, FA02, GRS00, GDYW02, GS08, GPCC<sup>+17</sup>, GP16, GQ09, GHG<sup>+04</sup>, GGO<sup>+14</sup>, GRSW00, Gre08, GC18, GOC09, GSK96, HKR<sup>+01</sup>, HSS<sup>+18</sup>, HHH<sup>+15</sup>, HDD<sup>+11</sup>, HDF<sup>+01</sup>, HKSV11, HWK<sup>+14</sup>, Hen19, HMLS<sup>+06</sup>, HZK<sup>+05</sup>, HYK<sup>+02</sup>, HAP03, HHH<sup>+22</sup>, HLNO96, HSY08, HFP94, HSD04, HWS<sup>+07</sup>, HMSMK04, HCRX16, HHR<sup>+08</sup>, HBK<sup>+98</sup>, IBD10, IIM<sup>+09</sup>, JB01, JKB04, JBJ17, JCP<sup>+22</sup>, JASS02, KM05b, KWF<sup>+19</sup>, KNK15, KCTG16, KDMH18, KSH12, KBSS93, KS10, KMLT06, KFS<sup>+10</sup>, KL96c, KBFH14, KHL<sup>+17</sup>, LMM<sup>+17</sup>, LG09, LPdR<sup>+14</sup>, Las93, LDBvdB17, LMA08, LDBS<sup>+17</sup>, LZC<sup>+16</sup>, LWC05, LHZ<sup>+16</sup>, LLM<sup>+17</sup>, Lin04, LGR<sup>+14</sup>, LSC02].

**water** [LM96, LPM<sup>+15</sup>, LAT<sup>+18</sup>, MWS<sup>+15</sup>, MTR<sup>+10</sup>, MRB<sup>+14</sup>, Mar18, MMS<sup>+16</sup>, Mar13, Mar19, Mas01, MA05, MDM<sup>+13</sup>, MFN<sup>+02</sup>, MKB<sup>+10</sup>, Men23, MBD<sup>+17</sup>, MSV<sup>+17</sup>, MGC<sup>+14</sup>, MKH<sup>+05</sup>, MTM<sup>+13</sup>, MBMGK08, MST<sup>+14</sup>, MSA<sup>+14</sup>, NGS<sup>+20</sup>, NSKG96, NOFP14, NFD<sup>+02</sup>, NRS14, OHK<sup>+02</sup>, OACA19, OM02, OGC09, OGG<sup>+20</sup>, Pap05a, PBG07, PL04, Pee97, PFW<sup>+09</sup>, PPRHLF02, PWP<sup>+05</sup>, PMM<sup>+16</sup>, PNL<sup>+19</sup>, PE17, PFC09, PSE<sup>+93</sup>, PFG<sup>+03</sup>, PLS<sup>+03</sup>, PGK15, PFAZL09, RRL<sup>+14</sup>, RSR<sup>+19</sup>, RVC<sup>+13a</sup>, RLVF02, RTC06, RTFB09, RMCAR06, ROC<sup>+21</sup>, RKHK<sup>+11</sup>, RGHN<sup>+97</sup>, RG03, RS15, RSC07, RVD<sup>+10</sup>, RKS<sup>+95</sup>, RYT01, SLC<sup>+20</sup>, SGPD<sup>+14</sup>, SSWM18, SHB02, SvdLM95, SSUB15, SF04, SSL98, SFG98, SKdS<sup>+14</sup>, SHFM01, SBM<sup>+13</sup>, SHM<sup>+07</sup>, SBA<sup>+20</sup>, SABP<sup>+16</sup>, SKGD14, SSR<sup>+14</sup>, SSC<sup>+00</sup>, Ste13, SDGH14, SBS<sup>+02</sup>, SLB<sup>+16</sup>, SGP<sup>+11</sup>, SKM<sup>+14b</sup>, SAL95, TRM<sup>+07</sup>, TGRB02, TGA<sup>+09</sup>, TAC<sup>+17</sup>, TH99].

**water**

[TMTR14, VVTM97, VK04, VKM13, VSR<sup>+10</sup>, VFFM13, VM01, VCO<sup>+15</sup>, WHL<sup>+97</sup>, WTS08, WFA<sup>+95</sup>, WCL<sup>+15a</sup>, WST15, WWH97, WF99, WGST08, WSFB02, WCJ97, XZM<sup>+23</sup>, YSAER25, YNG<sup>+16</sup>, YKS<sup>+19</sup>, YBRT17, YÇYTKB06, YLBdR03, ZWK<sup>+15</sup>, Zon97, vBBR<sup>+08</sup>, ADS<sup>+02</sup>, ACH02, BCI02, BBR<sup>+96</sup>, BLB<sup>+02</sup>, BLdM<sup>+02</sup>, BLG11, FS05, GHM02, HdVGHM02, HWM02, HFK<sup>+02</sup>, HD02, IBB<sup>+02</sup>, JCF<sup>+06a</sup>, KH02, KKH<sup>+02</sup>, KLM<sup>+02</sup>, KLM13, LB93, LLM<sup>+02</sup>, MLG<sup>+02</sup>, MNB02, MYE<sup>+02</sup>, MZG<sup>+24</sup>, OHK<sup>+02</sup>,



PG97, RFF<sup>+</sup>02, SSH<sup>+</sup>02, SRF09b, Spa99, SGL99, TGFP02]. **water-based** [PFAZL09]. **Water-column** [ADAM02, DFK<sup>+</sup>06, BT15, CPEN08, GQ09, RTC06, RTFB09]. **water-leaving** [BY04]. **Water-mass** [KHB<sup>+</sup>04, YCYK10, KM05b]. **water-sediment** [RGHN<sup>+</sup>97]. **watercolumn** [BCWT00]. **Watermass** [PPB<sup>+</sup>22, SGA<sup>+</sup>15]. **Waters** [SJA<sup>+</sup>97, WWcW<sup>+</sup>15, ATD<sup>+</sup>11, ABG<sup>+</sup>20, ATJ05, Ake19, ADBU18, ACV<sup>+</sup>01, ABKL96, AL14, ASH<sup>+</sup>11, AHK99, BDB97, BTP<sup>+</sup>18, BCM02, BPF<sup>+</sup>03, BD02, BSSK<sup>+</sup>08, BPBJ13, BPD<sup>+</sup>15, BMK09, BL01b, BBB13, CBG02, CHM<sup>+</sup>17, CKFC18, CMW<sup>+</sup>05, CFL<sup>+</sup>16, CKH<sup>+</sup>08, CWdE99, DMC<sup>+</sup>17, DHW98, DCD<sup>+</sup>14, DLW<sup>+</sup>17, DKJ13, DSJ<sup>+</sup>11, FPLB<sup>+</sup>08, FCG18, Fig02, GBG15, GGM<sup>+</sup>16, GVD<sup>+</sup>97, GF97, GBVG<sup>+</sup>02, GZZC10, Had11, HWTP07, HSO04, HA03, HM06, HKM00, HLS<sup>+</sup>02, HYMD11, HHNK<sup>+</sup>04, HHKH<sup>+</sup>04, IKR<sup>+</sup>12, IPTH03, JRG<sup>+</sup>22, JCM<sup>+</sup>13, KAI21, KL06, KNB<sup>+</sup>24, KMSM11, KL96b, KR95, KSU<sup>+</sup>06, KMA<sup>+</sup>18, KN97, KTF07, KTP<sup>+</sup>05b, LAÁ<sup>+</sup>14, LPA<sup>+</sup>17, LAB<sup>+</sup>17, LSS<sup>+</sup>11, LJL<sup>+</sup>12, LGO08, LZC<sup>+</sup>16, LLG<sup>+</sup>16, LRM<sup>+</sup>02, LCR<sup>+</sup>96, LGB13, LSM96, MN10, MSRM14, MMHB98, Mar18, MLS01, MCM<sup>+</sup>14, MAK<sup>+</sup>16, MV99, MV01, MBS<sup>+</sup>13, MTD<sup>+</sup>18, Met09, MYL<sup>+</sup>98, MDGF01, NSKG96]. **waters** [NCR<sup>+</sup>08, ÑB04, NMC<sup>+</sup>07, OA11, OW09, PWTH15, PW15, PRC<sup>+</sup>09, Pap05b, PvRR18, PAVGBG02, PHS<sup>+</sup>11b, Pin93, PJ99, PDG<sup>+</sup>03, PdBK<sup>+</sup>03, PRB<sup>+</sup>11, RAT<sup>+</sup>13, RBJW16, RVGF02, SMLP04, SWR<sup>+</sup>95, SCM<sup>+</sup>02, SMB<sup>+</sup>93, SSP14, SLDL93, SRAs<sup>+</sup>24, SSV02, SHH03, SPEPS18, SGA97, SBN<sup>+</sup>15, SVKT20, SGD14b, SSJ<sup>+</sup>22, SAM96, SDLZ13, SB05, TAMTC<sup>+</sup>13, TMH<sup>+</sup>08, TAB<sup>+</sup>02, TB98, TLR<sup>+</sup>00, TLP<sup>+</sup>12, TS10, TRHA01, TDC08, TNBL95, TWPP07, VLK06, VSM17, VMB17, VMGO<sup>+</sup>09, VPS97, WKM<sup>+</sup>07a, WCY05, WS11, WCB98, WYW<sup>+</sup>02, YCN<sup>+</sup>10, YHC<sup>+</sup>11, ZHD<sup>+</sup>08, ZWM12, ZWK<sup>+</sup>15, ZDA<sup>+</sup>16, ZRG16, dLC<sup>+</sup>14, dSSB<sup>+</sup>01, vdLCS<sup>+</sup>11, LSGM02, WKLM15]. **wave** [BOHW22, DM25, ERR97, Hen19, JMW<sup>+</sup>20, Joh96, KWT<sup>+</sup>16, MS06b, Pal19, Pap05b, PP20, SDL22, SHA04, SBB<sup>+</sup>05, SFD04, WDFK<sup>+</sup>22, WZZ<sup>+</sup>23, Web19, WCK<sup>+</sup>18, WP17]. **wave-current** [PP20]. **wave-dependent** [SDL22]. **wave-induced** [KWT<sup>+</sup>16, WDFK<sup>+</sup>22, WZZ<sup>+</sup>23, Web19]. **wave-planed** [WCK<sup>+</sup>18]. **waveguide** [GK04]. **Waves** [CK10, ASM06, AHN23, BSS<sup>+</sup>02, BVGE<sup>+</sup>06, CW22, CIMT19, CH19, DBG<sup>+</sup>16, GK04, Hen19, HGM<sup>+</sup>11, Hol06, KVPK20, LH06, MV19, Pap05a, San13, SVKT20, SPD<sup>+</sup>11, WCL22]. **Wax** [PTWM12]. **way** [AS02a]. **WE92** [SSK<sup>+</sup>07, SSK<sup>+</sup>05]. **Weather** [SBG<sup>+</sup>03, BG08, LSH<sup>+</sup>24, PGS14, RBH<sup>+</sup>20]. **web** [ADV<sup>+</sup>01, AM07, COV<sup>+</sup>08, CNOC13, DRD06, DIM<sup>+</sup>12, DGK10, DSN<sup>+</sup>20, EMV09, FHT<sup>+</sup>14, GGH<sup>+</sup>00, HS01, HFK<sup>+</sup>02, HAM<sup>+</sup>15, IBD10, JCF<sup>+</sup>06b, JSM<sup>+</sup>16, KYW20, MD17, NA13, PCP<sup>+</sup>17, SVR<sup>+</sup>00, SAM<sup>+</sup>12, SCSMT20, Thi05, TVL<sup>+</sup>00, VS99, VSR<sup>+</sup>00, WMH<sup>+</sup>07, WWH<sup>+</sup>10, WAV<sup>+</sup>12]. **web-based** [DIM<sup>+</sup>12]. **webs** [AMK<sup>+</sup>05, BFM<sup>+</sup>14, CS20, FTT<sup>+</sup>17, HWCT11, MMTT<sup>+</sup>20, PTO<sup>+</sup>16, PDS<sup>+</sup>17, PDTS08, RJDR06, RWN<sup>+</sup>08, Row13, vOSG<sup>+</sup>11]. **Weddell**

[Dia04, HWS<sup>+</sup>07, JR11, TWD<sup>+</sup>08, VSC<sup>+</sup>11, ASMH08, BG08, BN04, CMK<sup>+</sup>18, CL06, CG04, DFMW13, DAGK<sup>+</sup>17, FHR<sup>+</sup>11, FHvFM08, FMWD07, GMS<sup>+</sup>02, GBH<sup>+</sup>17, GHG<sup>+</sup>04, HNW<sup>+</sup>08, HAGW<sup>+</sup>13, HHW<sup>+</sup>08, HKSV11, Hil04, HdBB<sup>+</sup>02, HSD04, HHR<sup>+</sup>08, IGP<sup>+</sup>06, JTT04, JT07, KDMH18, KGB<sup>+</sup>14, KMM<sup>+</sup>08, KFHR05, LRH<sup>+</sup>11, LBB<sup>+</sup>07, MB07a, MGMP02, McP08, MDT<sup>+</sup>08, MPH02, RJT11, RVGF02, REWH11, SSMM<sup>+</sup>08, SSHM<sup>+</sup>08, SF99, SHA02, SRDV07, SRH<sup>+</sup>11, SWH08, VVV04b, ZHD<sup>+</sup>08, vHHH<sup>+</sup>11, vdLCS<sup>+</sup>11].

**Weekly** [CRP<sup>+</sup>05]. **Weibe** [Ano97b]. **Weichselian** [SSR<sup>+</sup>14]. **weight** [BMHR08, GEP<sup>+</sup>16]. **weight-dependent** [BMHR08]. **Weisberg** [HLHW24]. **Weiss** [IFFGL<sup>+</sup>04]. **well** [Joy16, JBÖ<sup>+</sup>16, PWMC01, PFAZL09, RKB18, SSAF02]. **well-mixed** [PWMC01]. **well-preserved** [SSAF02]. **Wellhead** [CDM<sup>+</sup>16]. **WEST** [Ano06f, CHM<sup>+</sup>17, CG21, DHS<sup>+</sup>14, DNR20, DRR17, HNM<sup>+</sup>20, KFS<sup>+</sup>17, LBM<sup>+</sup>17, MS18, NMR10, NRH<sup>+</sup>20, RTM<sup>+</sup>20, RAB<sup>+</sup>17, Rog17, SBBP<sup>+</sup>15, SBC17, VTD<sup>+</sup>20, VM01, Bol08, CKH<sup>+</sup>08, Dal04, DNK<sup>+</sup>08, DK04, Duc08, DEK<sup>+</sup>08, GRWW01, HVVH09, HTA<sup>+</sup>17, JGM09, KB95, KHB<sup>+</sup>04, LWA<sup>+</sup>04, MDH08, MT11, MAR<sup>+</sup>15, MSV<sup>+</sup>17, MS12, MTMH11, MFS<sup>+</sup>23, Pin93, RAL04, RQNO04, RQM<sup>+</sup>08, SSWM18, SG99, SZV<sup>+</sup>19, SK02, TBW<sup>+</sup>11, TWPP07, VMI<sup>+</sup>08, WMB<sup>+</sup>08, WZL<sup>+</sup>16, WNA<sup>+</sup>10, WRS99, ZRC<sup>+</sup>11, ZGGF22, LLR<sup>+</sup>06, LWDH06, VLK06, WLD<sup>+</sup>06, AJR<sup>+</sup>15, BMG<sup>+</sup>17, BMGC09, DKS11, DT08, DFK<sup>+</sup>06, GFK24, GSM<sup>+</sup>08, IYM10, JFK<sup>+</sup>10, JFM<sup>+</sup>17, KKS19, LWL<sup>+</sup>24, LDBS<sup>+</sup>17, LWZ<sup>+</sup>23, LGR<sup>+</sup>14, MCD<sup>+</sup>09, MSJS08, NWZL23, NMR10, PMJW10, PPZ93, PHS<sup>+</sup>17b, SMCA01, SV09, SWLL23, SBS<sup>+</sup>08, SKH10b, TFR<sup>+</sup>10, VJP<sup>+</sup>10, WB09, WGMW10, WNA<sup>+</sup>10, WRBS10].

**westerly** [ERR97, RMCAR06]. **Western** [BLO<sup>+</sup>17, BLI<sup>+</sup>09, CDT11, FJF<sup>+</sup>11, HDR<sup>+</sup>11, JDBP<sup>+</sup>05, LOA13, LPAR24, MDTS11a, ORFA<sup>+</sup>14, PLD<sup>+</sup>17, PDA<sup>+</sup>17, SS99a, SDGH14, TCJ<sup>+</sup>11, ASMH08, AV97, ACBV<sup>+</sup>18, Ala13, AKH<sup>+</sup>02, ATLD<sup>+</sup>20, ACR<sup>+</sup>20, AHV<sup>+</sup>17, BKKK24, BRCFP23, BFD<sup>+</sup>23, BG08, BMCF97, BLO04, BBN97, Ber24, BS21, BPM18, BCDV02, BSZ99, BLS<sup>+</sup>97, BSW<sup>+</sup>13, BG09b, CSA<sup>+</sup>09, CBCT09, CZP<sup>+</sup>08, CDRA08, CMB<sup>+</sup>97, CWP<sup>+</sup>15, CW97, CCC<sup>+</sup>03, CRR01, CG04, CMTS97, CNM17, CCFL01, CC01, DSB<sup>+</sup>18, DBJ97, DB05, DDB<sup>+</sup>97, EBG<sup>+</sup>22, EMB<sup>+</sup>22, FL02, FHvFM08, FKH13, GP08, GBH<sup>+</sup>17, GDAMS19, GGLP02, GWDP11, GVD<sup>+</sup>97, GNB<sup>+</sup>17, GMC97, GK02, HNW<sup>+</sup>08, HHH<sup>+</sup>15, HOD<sup>+</sup>09, HHH<sup>+</sup>93, HTS<sup>+</sup>09, HHW<sup>+</sup>08, HWCT08, HHP04, HZN<sup>+</sup>16, HPK<sup>+</sup>97, HHR<sup>+</sup>08, INTS02, IIM<sup>+</sup>09, JCP05, JYM<sup>+</sup>15, JLJ<sup>+</sup>12, KM05a, KSH<sup>+</sup>09, KOS<sup>+</sup>16, KNG02, KCA05, KBVM13, KMM<sup>+</sup>08, KYI10a, KHC<sup>+</sup>09, KY17, KTSI07].

**western** [KSU<sup>+</sup>08, KT02, KNI<sup>+</sup>05, LLD<sup>+</sup>17, LDHI93, LLH<sup>+</sup>15, LSGM02, LIS<sup>+</sup>02, LLK<sup>+</sup>09, LSA14, LRDS18, LLK05, LAT<sup>+</sup>18, MN10, MPH<sup>+</sup>95, MPG<sup>+</sup>97, MGR<sup>+</sup>03a, MDTS11b, MM97, MCPA02, MCSF15, MAK<sup>+</sup>16, MES<sup>+</sup>23, McP08, MPJ<sup>+</sup>13, MSvL17, MLBT25, MDT<sup>+</sup>08, MSS<sup>+</sup>02, MHVM<sup>+</sup>08, MSM10, MR08, MQD06, MBTM97, MST<sup>+</sup>14, MHM<sup>+</sup>14, NHS<sup>+</sup>09, NOT<sup>+</sup>09, NSLAP<sup>+</sup>17, NTF01, NPF<sup>+</sup>09, NTK<sup>+</sup>09, NMWH19, OE06, OYK15, OKY<sup>+</sup>17, OTN16, PAVGBG02, PKA95, PPT<sup>+</sup>10, PBN10,

PHDK11, PGK14, PRSS23, PHKW10, RR96, RV00, RMC<sup>+</sup>08, RF99, RHPC<sup>+</sup>19, RHI00, RTM14, RL97, RFLW00, RN96, SSSN19, STK02, STN<sup>+</sup>09, SiSA<sup>+</sup>02, STF09, SSMM<sup>+</sup>08, SSHM<sup>+</sup>08, SNIT02, SSK<sup>+</sup>07, SDB<sup>+</sup>19, SGA97, SE95, SMS<sup>+</sup>08, SMD08, SFH<sup>+</sup>18, SMSI08, SGM<sup>+</sup>14, SWH08, SYZ<sup>+</sup>24, SAM96, SMSA05, SLB<sup>+</sup>15, SKF<sup>+</sup>10, SFP<sup>+</sup>09, TT05, TRF<sup>+</sup>97, TNIW02, VMB17, VKM13, WT14, WLZ<sup>+</sup>19, WZW<sup>+</sup>22]. **western** [WTCB09, WYL<sup>+</sup>20, WC07a, YWI<sup>+</sup>02, YTF02, YHK15, YWW23, YKO15, YOI<sup>+</sup>09, ZCG<sup>+</sup>12, vWMR<sup>+</sup>17, Ano05b, ANI09, BIP<sup>+</sup>02, BTP<sup>+</sup>18, Bat01, BLBW<sup>+</sup>11, BOB20, BSR<sup>+</sup>18, BCF<sup>+</sup>04, CHG20, CB18, CPS05, DCA09, DBL<sup>+</sup>19, DGS<sup>+</sup>05, ERPFF11, ECD<sup>+</sup>17, ECS<sup>+</sup>17, FMZ15, FMFW07, GCS<sup>+</sup>12, GCR<sup>+</sup>02, Gau07, GOM<sup>+</sup>09, GH05, GHS09, HWTP07, HBT<sup>+</sup>08, HZL<sup>+</sup>12, HC05, HM06, HFM<sup>+</sup>00, IBK<sup>+</sup>11, IABR<sup>+</sup>17, KNV<sup>+</sup>10, KMC05, LPA<sup>+</sup>17, LWSA08, LWAS08, LJL<sup>+</sup>12, LFKF<sup>+</sup>17, MSI<sup>+</sup>08, MISC<sup>+</sup>02, MORB<sup>+</sup>15, MJG<sup>+</sup>13, Men23, MM15, MMMC07, PIP<sup>+</sup>02, PDT11a, PKW07, PWP<sup>+</sup>05, RMBG11, RBCG10, SAKP<sup>+</sup>22, SAG<sup>+</sup>10, SSH09, SSK<sup>+</sup>05, ŠHW<sup>+</sup>04, ŠH11b, SABP<sup>+</sup>16, SKW07, SYK<sup>+</sup>13, TCM<sup>+</sup>04, TWD<sup>+</sup>08, VNBW18, VKM<sup>+</sup>10, WGNH15, WAL<sup>+</sup>11, WDC<sup>+</sup>15, WCL<sup>+</sup>15b, YKJ<sup>+</sup>15, ZCP<sup>+</sup>08, TMP<sup>+</sup>13]. **WESTPAC** [ZMYS13]. **Westward** [SWO10, MRC05, RSC07]. **westward-propagating** [MRC05]. **wet** [LT16]. **whale** [ALSF<sup>+</sup>17, AGW<sup>+</sup>13, BJK<sup>+</sup>22, BCKH07, BFS<sup>+</sup>17, BOH<sup>+</sup>04, CdST<sup>+</sup>17, DBL<sup>+</sup>19, DCF<sup>+</sup>18, EF98, ESWL20, ECM<sup>+</sup>06, FRH<sup>+</sup>98, LAP<sup>+</sup>17, MGJ<sup>+</sup>18, MHSV18, OCP18, SSAL<sup>+</sup>17, SRAL<sup>+</sup>17, ŠHW<sup>+</sup>04, ŠH11b, SMB<sup>+</sup>98, SCGB18, TCM<sup>+</sup>04, TSSR20, TMBTS09, ZFP<sup>+</sup>16]. **whale-fall** [ALSF<sup>+</sup>17, SSAL<sup>+</sup>17, TMBTS09]. **Whales** [LCD<sup>+</sup>24, BRG17, BCT21, BEC<sup>+</sup>96, Ber07, COQ<sup>+</sup>18, CBK<sup>+</sup>07, LSHB09, MBG18, MML07, MT98, MSM10, MHM<sup>+</sup>14, OMAA18, PTS17, RHB<sup>+</sup>04, SGB<sup>+</sup>08, SFH<sup>+</sup>18, SMB<sup>+</sup>18]. **Where** [BBG15, BY09, BCBB12]. **Whirl** [HKM00, WWS02]. **whisker** [GHM18]. **white** [MDC<sup>+</sup>10, RAT<sup>+</sup>13]. **white-beaked** [RAT<sup>+</sup>13]. **Whittard** [MTM<sup>+</sup>13]. **whole** [DVC14, SBL<sup>+</sup>18]. **Wicksten** [SR08b]. **Wide** [STM04a, STM04b, ATI<sup>+</sup>23, DLL<sup>+</sup>15, MW05b, XSL<sup>+</sup>17]. **widely** [KGB<sup>+</sup>14]. **Widening** [RJB<sup>+</sup>04]. **Widespread** [KDSR19]. **wild** [WWB04]. **wildlife** [EBM<sup>+</sup>18]. **Wilkes** [EWA<sup>+</sup>03a, EWA<sup>+</sup>03b, BCA<sup>+</sup>03, DBD03, DBDT03, WLR<sup>+</sup>00]. **William** [Cam18, CBA<sup>+</sup>05, GKR<sup>+</sup>18, LB18, LMH<sup>+</sup>18, MC18b, MOA<sup>+</sup>18, SNMH18]. **Williams** [Ano97c, DCBS98]. **williamsae** [KMA<sup>+</sup>18]. **Wind** [LDG94, VLSS<sup>+</sup>04, AGGdC14, AAG19, BV98, DBG<sup>+</sup>16, DRVVS<sup>+</sup>14, DDLK06, DKI<sup>+</sup>00, ERR97, FLLGR04, HH05, HWL06, HNB<sup>+</sup>13, KKD06, LLR<sup>+</sup>06, LCD01, LPM<sup>+</sup>19, LDW22, MBNB<sup>+</sup>08, NI10, NR00, OACA19, PN93, PPL<sup>+</sup>19, PF06, RMCAR06, SCL<sup>+</sup>04, SP19a, SRW<sup>+</sup>10, SSSC19, SGW<sup>+</sup>15, WLD<sup>+</sup>06, YAOW05, Ano06f]. **wind-driven** [LLR<sup>+</sup>06, LPM<sup>+</sup>19, MBNB<sup>+</sup>08, NR00]. **wind-energy** [HWL06]. **wind-event** [DRVVS<sup>+</sup>14]. **wind-forced** [PPL<sup>+</sup>19]. **Wind-induced** [VLSS<sup>+</sup>04]. **wind-stress** [AAG19, KKD06, YAOW05]. **Winds** [MS01, AVS<sup>+</sup>20, BLD<sup>+</sup>06, KB99, LC16, LCS16, LWL<sup>+</sup>24, LPPK14, MZG<sup>+</sup>24,

PBS06, RAC<sup>+</sup>20, SF11, SMH<sup>+</sup>11, ZG15]. **Winners** [LWJR22]. **Winter** [AHB<sup>+</sup>17, ARW<sup>+</sup>04, BFH<sup>+</sup>11, BCF<sup>+</sup>04, GBP21, KHB<sup>+</sup>04, PEC<sup>+</sup>04, SLC<sup>+</sup>20, SP19b, SBS<sup>+</sup>02, TT01, ZZM<sup>+</sup>13, ZNPR09, ADG<sup>+</sup>08, BSM01a, CRF04, CMB02, DNM<sup>+</sup>16, DJFK<sup>+</sup>22, DC06, ERPFF11, FGW02, FMS08, GKR<sup>+</sup>18, GSdS<sup>+</sup>14, HLL<sup>+</sup>10, HMS<sup>+</sup>13, HAGW<sup>+</sup>13, HH20, HHX<sup>+</sup>10, HZN<sup>+</sup>16, HPS<sup>+</sup>11, JH04, KSM<sup>+</sup>11, LCD01, LTW<sup>+</sup>11, LHZ<sup>+</sup>16, LPM<sup>+</sup>15, MBHP99, MCBC08, MNG<sup>+</sup>11, MBC<sup>+</sup>20, NSY04, NVK<sup>+</sup>04, OVKN11, PF02, PMLM<sup>+</sup>02, PWP<sup>+</sup>05, PMM<sup>+</sup>16, PFX<sup>+</sup>02, RCF<sup>+</sup>08, RBO07, RQNO04, RFHL99, SCGDU09, SvDMC<sup>+</sup>16, Sco05, SMP<sup>+</sup>15, SKF<sup>+</sup>10, Tho24, TMT<sup>+</sup>11, THT11, TML<sup>+</sup>16, UWvdE<sup>+</sup>16, VMF<sup>+</sup>16, WSE<sup>+</sup>16, WMP<sup>+</sup>11, YH10, ZZP04]. **winter-early** [OVKN11]. **winter-spring** [MNG<sup>+</sup>11, UWvdE<sup>+</sup>16]. **winter-transformed** [PWP<sup>+</sup>05]. **winter/spring** [DC06, PFX<sup>+</sup>02, SvDMC<sup>+</sup>16]. **wintering** [SMB<sup>+</sup>18]. **Wintertime** [KFJ<sup>+</sup>05, WB03, ST13, WMM02]. **WIOURI** [RT20]. **wise** [BRJM18]. **within** [BPKJ15, BHSJ16, BNFS01, BAR<sup>+</sup>02, CAS<sup>+</sup>97, CCW<sup>+</sup>08, DNM<sup>+</sup>16, DCF<sup>+</sup>18, FRBB10, GGI03, GK16, HA10, HO99, JLY<sup>+</sup>16, JTDG13, KFG<sup>+</sup>03, KCMA05, KRW03, KGB16, KCO<sup>+</sup>19, LVJC17, LPA<sup>+</sup>17, LAB<sup>+</sup>17, LDHO<sup>+</sup>14, LGF03, LGML00, LMKL09, MBNB<sup>+</sup>08, MASVB<sup>+</sup>19, MRL01, MR01, NS93, NSKG96, NRSL17, NOFP14, NSMBN08, NMWH19, PSE<sup>+</sup>93, RMBW07, RLVF02, RJWD01, SLDL93, SSHB03, SBA<sup>+</sup>20, Sor99, SGD<sup>+</sup>03, SAL95, VKGQ<sup>+</sup>09, VMM<sup>+</sup>08, VVV04b, VMI<sup>+</sup>08, VD98, WDM<sup>+</sup>05, Wit00]. **WOCE** [BTRL99, FM03c, SWCB02, WSFB02]. **WOCE-SVP** [BTRL99]. **WOD** [CMR<sup>+</sup>18]. **wollastoni** [ROS<sup>+</sup>17]. **Wood** [SBBP<sup>+</sup>15, ACD<sup>+</sup>17, BPKJ15, KB15, NMS09]. **Wood-associated** [SBBP<sup>+</sup>15, BPKJ15]. **Woodfall** [Sig17]. **Woodward** [Ano97c]. **work** [OAH<sup>+</sup>16, ROY13, Ver13]. **works** [Row13]. **Workshop** [Ano05c, WHLR13]. **world** [BSCR11, LKLK17, Aar03, HWL06, MDGF01, NP03, RDP<sup>+</sup>02, CMR<sup>+</sup>18]. **worldwide** [NCSO13]. **worm** [BAKF03, DCA<sup>+</sup>98, PGC<sup>+</sup>11]. **worms** [ALSF<sup>+</sup>17, APT11, BTM<sup>+</sup>98, ELG<sup>+</sup>22a, ELG<sup>+</sup>22b, MA13, MA18b, QNL<sup>+</sup>16]. **wrong** [BHS<sup>+</sup>10].

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

**Yakutat** [JWO<sup>+</sup>09]. **Year** [Ano14, CBK<sup>+</sup>22, SGL99, WMA11, AAL<sup>+</sup>17, BEGC04, BA02, BSR08, CMC<sup>+</sup>02, DSC<sup>+</sup>01, DABF<sup>+</sup>16, FM03b, ITT12, JVDH08, JMM<sup>+</sup>13, KAHS20, KC04, LWO<sup>+</sup>09, LK98, LWL<sup>+</sup>16, NLDJ14, OAH<sup>+</sup>16, OWW<sup>+</sup>12, ROPB03, SBM16, SHR20, SGM<sup>+</sup>02, SLLT10, TMP<sup>+</sup>19, TWD<sup>+</sup>08, TTA<sup>+</sup>16, VMF<sup>+</sup>16, WAW05b]. **year-class** [LWO<sup>+</sup>09]. **Year-long**

[SGL99]. **Year-round** [CBK<sup>+</sup>22, DSC<sup>+</sup>01]. **year-to-year** [SBM16]. **Years** [MSS15, BIP<sup>+</sup>02, BM17, BFSK08, BSJ13, Bor01, CAFK03a, CCC<sup>+</sup>23, DPK<sup>+</sup>14, DKP<sup>+</sup>14, DZY<sup>+</sup>01, DFA<sup>+</sup>20, Fir96, FMH<sup>+</sup>02, GNT<sup>+</sup>17, GSB<sup>+</sup>03, IOTS16, IPLCHRM19, JBÖ<sup>+</sup>16, LTF<sup>+</sup>19, LJHAA19, LM13, LPM<sup>+</sup>19, LMH<sup>+</sup>18, LZZ<sup>+</sup>16, LBJ<sup>+</sup>13, MRB<sup>+</sup>14, MLH14, MTG18, NCR<sup>+</sup>08, PDK<sup>+</sup>14, PdBK<sup>+</sup>03, RRL<sup>+</sup>14, RMD<sup>+</sup>12, RLPF07, Sag18, SRY04, SSK<sup>+</sup>05, SSK<sup>+</sup>07, SKM<sup>+</sup>12, SDK<sup>+</sup>16, SGM<sup>+</sup>14, SFB16, YSBH06]. **Yelkouan** [POI17]. **Yellow** [LYN<sup>+</sup>13, LS10, NLY<sup>+</sup>13, SFW<sup>+</sup>13, SFZ<sup>+</sup>13, AIW03, GZZC10, HZZ10, JZX10, JLR<sup>+</sup>13, LHZJ13, LXS<sup>+</sup>13, RZL<sup>+</sup>10, SZG<sup>+</sup>13, SLZ<sup>+</sup>16, SDLZ13, SHY10, TSZ10, TSZT13, WWH<sup>+</sup>10, WSLP10, WYT19, YKSI19, YH10, ZSKL19, ZQW19, ZXLL10, ZZX<sup>+</sup>13, ZXH<sup>+</sup>13]. **yellowfin** [BSN<sup>+</sup>15, DABMAMA04, DWM<sup>+</sup>15, DKP<sup>+</sup>17, HHMF11, LCW20, LGP<sup>+</sup>15, WLT20]. **Yemen** [DDB<sup>+</sup>97]. **yield** [HWN<sup>+</sup>04, SS01, ZSKL19]. **yields** [Ake19, MTBB00, VMBS03]. **yongei** [SI09]. **York** [RGS<sup>+</sup>15]. **Yoron** [DAN23]. **young** [GK16, LCH<sup>+</sup>09, NMWH19, SLLT10, vAvVV<sup>+</sup>03]. **young-carrying** [GK16]. **young-of-the-year** [SLLT10]. **Yukon** [ARWM13, MHG<sup>+</sup>17, NAT<sup>+</sup>12]. **Yutu** [CW22].

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