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Sea Research Part II: Topical Studies in  
Oceanography*

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09 September 2024  
Version 1.34

## Title word cross-reference

**\$#** [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>  
[AFB<sup>+</sup>94, CAFK03b, YKS03]. <sup>12</sup> [ZQ97]. <sup>13</sup>  
[BCWT00, BW99a, BOP95, CHL<sup>+</sup>15, CSL<sup>+</sup>07, CMVS<sup>+</sup>10, DKN<sup>+</sup>97,  
DBMI17, GOH<sup>+</sup>15, HFK<sup>+</sup>02, MSJS08, QW15, SRFR07, SBN<sup>+</sup>15, TA01,  
WMH<sup>+</sup>07, WKM<sup>+</sup>07a, WCSA<sup>+</sup>16, ZQ97]. <sup>137</sup>  
[HA03, Ike03, LLLP<sup>+</sup>03, NP03, OHT12, PFG<sup>+</sup>03, PdBK<sup>+</sup>03, TKP<sup>+</sup>20]. <sup>14</sup>  
[CMT93, DTB<sup>+</sup>02, LLB<sup>+</sup>00, MGC<sup>+</sup>14, ME02, PDTS08, RTB02, ROPB03,  
WCSA<sup>+</sup>16]. <sup>15</sup> [BOP95, CHG15, DBMI17, HFK<sup>+</sup>02, JHHK14, KW00,  
MSJS08, MTMK<sup>+</sup>13, MGC<sup>+</sup>14, RLP<sup>+</sup>98, ROPB03, SBN<sup>+</sup>15, WMH<sup>+</sup>07]. <sup>18</sup>  
[CMVS<sup>+</sup>10, LLB<sup>+</sup>00, MBW<sup>+</sup>08]. <sup>210</sup>

[AFB<sup>+94</sup>, BBB94, CMG<sup>+12</sup>, CCZ<sup>+21</sup>, CCC<sup>+03</sup>, HBCC13, LMS09, MLG<sup>+04</sup>, NZT97, OHT12, RH99, RSB<sup>+15</sup>, SKC99, SSL98, STWW01, VMM<sup>+08</sup>, VMGO<sup>+09</sup>, WCL<sup>+15a</sup>, YA03, YCT<sup>+22</sup>, ZGW<sup>+23</sup>]. <sup>210</sup> [SRF95]. <sup>226</sup> [KL96c]. <sup>228</sup> [CBB<sup>+00</sup>, KLKB95, LKK<sup>+95</sup>, RKS<sup>+95</sup>]. <sup>230</sup> [AFB<sup>+94</sup>, CAFK03b, FA03, HAF<sup>+15</sup>, LKK<sup>+95</sup>, OOG<sup>+07</sup>, SvdLM95, SFV<sup>+01</sup>, SSL98, YCT<sup>+22</sup>]. <sup>231</sup> [AFB<sup>+94</sup>, CAFK03b, FA03, HAF<sup>+15</sup>, SvdLM95, VvdLS11]. <sup>234</sup> [ACH02, BCH<sup>+96</sup>, BMK<sup>+13</sup>, CM99a, CMB99, CBB<sup>+00</sup>, CMA<sup>+09</sup>, DMY<sup>+97</sup>, FS02, GAC<sup>+02</sup>, MDTS08, MES97, MSTT07, MYN<sup>+96</sup>, NKB95, PDSS96, RFB97, STJ<sup>+08</sup>, SSL98, SSH<sup>+11</sup>, SRF95, SCM<sup>+09</sup>, TTLP06, VMGO<sup>+09</sup>, YA03, YHL<sup>+12</sup>, vdLCS<sup>+11</sup>]. <sup>238</sup> [ACH02, MES97, TTLP06, VMGO<sup>+09</sup>]. <sup>239,240</sup> [HA03, LLLP<sup>+03</sup>, MPS<sup>+03</sup>, PFG<sup>+03</sup>]. <sup>241</sup> [LLL<sup>+03</sup>, MPS<sup>+03</sup>]. <sup>270</sup> [NZT97]. <sup>3</sup> [JML08, KLLO98, MPS<sup>+03</sup>]. <sup>32</sup> [WBM96]. <sup>33</sup> [WBM96]. <sup>39</sup> [SKS<sup>+16</sup>]. <sup>40</sup> [SKS<sup>+16</sup>]. <sup>7</sup> [CLGM05]. <sup>90</sup> [Ike03, LLLP<sup>+03</sup>, MPS<sup>+03</sup>, PFG<sup>+03</sup>]. <sup>2</sup> [AAG06, AKBD13, ALT<sup>+13</sup>, BBL<sup>+13</sup>, Bat01, BCWT00, BCM02, BTR95, BDO00, CSW<sup>+18</sup>, CG07, CB09a, CFT<sup>+04</sup>, CCK<sup>+16</sup>, CSL<sup>+07</sup>, CBB<sup>+95</sup>, CMNM16, CMB02, CJM<sup>+22</sup>, DHW98, DOBH02, DVPR06, DLF<sup>+09b</sup>, DTR<sup>+09</sup>, DWW<sup>+02</sup>, DCF<sup>+11</sup>, ECD<sup>+17</sup>, FWC<sup>+95</sup>, FBC<sup>+02</sup>, FSL<sup>+01</sup>, Hei02, IIM02, IIM<sup>+09</sup>, ITMG18, KRF01, KLLO98, KOLA<sup>+18</sup>, KGdC<sup>+18</sup>, LSF<sup>+01</sup>, LBM09, MLVM02, MCJ<sup>+99</sup>, Mun07, MLS<sup>+15</sup>, MKS<sup>+02</sup>, NBSM01, NMW<sup>+09</sup>, NSvH<sup>+11</sup>, OLG<sup>+01</sup>, PWF03, PHD<sup>+18</sup>, PNS<sup>+09</sup>, PGK15, RBJW16, RWL<sup>+93</sup>, SMCA01, SWB<sup>+09</sup>, SMP<sup>+15</sup>, SLB13a, SDCH99, SZB<sup>+19</sup>, TSS<sup>+02</sup>, TSW<sup>+09</sup>, TLP<sup>+12</sup>, WTL<sup>+06</sup>, YKS<sup>+19</sup>, ZNM<sup>+02</sup>, Zon07, vHHH<sup>+11</sup>]. <sup>2</sup> [PHD<sup>+18</sup>]. <sup>3</sup> [BZvHH00, ESA<sup>+09</sup>, EAS<sup>+09</sup>, KSS00a, SMCA01]. <sup>3</sup> [MBL<sup>+15</sup>, PHD<sup>+18</sup>]. <sup>4</sup> [GOH<sup>+15</sup>, KLLO98]. <sup>30</sup> [MBL<sup>+15</sup>]. <sup>6</sup> [LML<sup>+01</sup>, TOF04]. <sup>exc</sup> [STWW01]. <sup>org</sup> [WWW<sup>+02</sup>]. <sup>TCO<sub>2</sub></sup> [CSL<sup>+07</sup>]. <sup>a</sup> [BBDL98, SMZ<sup>+08</sup>]. <sup>α</sup> [BSW<sup>+13</sup>, JKB04]. <sup>≈</sup> [CDJM04, MFG<sup>+04</sup>, MF09, MAA<sup>+04</sup>, MAA<sup>+05</sup>, NGM<sup>+05</sup>]. <sup>β</sup> [Abr19, BSW<sup>+13</sup>]. <sup>C</sup> [BDNS03]. <sup>:</sup> [MBL<sup>+15</sup>]. <sup>Δ</sup> [TLP<sup>+12</sup>, ZNM<sup>+02</sup>, BCWT00, BW99a, CHL<sup>+15</sup>, CSL<sup>+07</sup>, CHG15, CMVS<sup>+10</sup>, DKN<sup>+97</sup>, DBMI17, GOH<sup>+15</sup>, HFK<sup>+02</sup>, JHHK14, KW00, MBW<sup>+08</sup>, MSJS08, MTMK<sup>+13</sup>, QW15, RTB02, RLP<sup>+98</sup>, SRFR07, SBN<sup>+15</sup>, TA01, WMH<sup>+07</sup>, WKM<sup>+07a</sup>]. <sup>f</sup> [ALT<sup>+13</sup>, CFT<sup>+04</sup>, GG93, SMS<sup>+07</sup>, WO99, WTL<sup>+06</sup>]. <sup>μ</sup> [RMCAR06, SBE<sup>+99</sup>]. <sup>p</sup> [BTR95, DHW98, ECD<sup>+17</sup>, Hei02, IIM02, PNS<sup>+09</sup>, SMP<sup>+15</sup>, TSS<sup>+02</sup>, YKS<sup>+19</sup>, ZNM<sup>+02</sup>]. <sup>t</sup> [WH98]. <sup>ε</sup> [MW05a].

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

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

**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°** [TBBM03]. **10-year** [NLDJ14]. **107C** [Mun16]. **109** [ENM<sup>+</sup>16]. **1093** [GPK02]. **10°** [CM99b, PRMM<sup>+</sup>17, SHD<sup>+</sup>96]. **11** [FCP99]. **110°** [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°** [SvdMC<sup>+</sup>16]. **123°** [PDB<sup>+</sup>20]. **128°** [WMP<sup>+</sup>11]. **12°** [LKC96]. **130°** [OVKN11]. **132** [CM16a]. **135** [DTWW21]. **140°** [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°** [WDG<sup>+</sup>02]. **14°** [GCB04]. **150°** [BRW00, DNA97, HSK<sup>+</sup>00, NPBS00, NKK<sup>+</sup>00, PNH<sup>+</sup>00, SGW<sup>+</sup>00, TCG00, WvdEM00]. **152°** [NPF<sup>+</sup>09]. **153** [RDC<sup>+</sup>18a]. **155°** [INTS02, TNIW02]. **165°** [DNA97]. **16°** [MGK<sup>+</sup>17]. **16S** [MGT16, XGL15]. **170** [HiII<sup>+</sup>20]. **170°** [AF01, BL01b, BBA<sup>+</sup>01, BBD<sup>+</sup>03, CWTJ03, DURP03, HFM<sup>+</sup>00, ILWH03, LSB<sup>+</sup>02, MAB<sup>+</sup>01, MGC<sup>+</sup>01, SMCA01]. **175°** [IHI<sup>+</sup>97]. **17°** [MGK<sup>+</sup>17]. **180** [RTI<sup>+</sup>16]. **180°** [GLLC04]. **1816** [GIPLL<sup>+</sup>14]. **1888** [DHST13]. **18°** [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].

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

**2004** [Ano11b, CCM15, GGF<sup>+08</sup>, PC08, SAM<sup>+13</sup>, SBK08]. **2004/2005** [FWP<sup>+07</sup>, LSS<sup>+07</sup>, SLMP07]. **2005** [CTBNL08, ZHB<sup>+07</sup>]. **2006** [BPRS11, GR10, JKK<sup>+10</sup>, SKH10b, WRBS10]. **2007** [LTW<sup>+11</sup>, SMH<sup>+11</sup>, WSL<sup>+11</sup>]. **2009-410** [RAB<sup>+17</sup>]. **2010** [CSG<sup>+13</sup>, GW15, MHFM15, OM14, TWA<sup>+12</sup>]. **2010/2011** [MHFM15]. **2011** [MHFM15]. **2012** [HSR<sup>+16</sup>]. **2012/2013** [KNK15]. **2013** [ACG<sup>+17</sup>, DSW20]. **2014** [BSN18]. **2015** [KOLA<sup>+18</sup>, KGdC<sup>+18</sup>]. **2016** [Ano19l, MDSA19, VPK<sup>+19</sup>]. **2017** [KAM<sup>+20</sup>]. **2021** [Ano21a, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m]. **2022** [Ano22a, Ano22b, Ano22n, Ano22p, Ano22r, Ano22q, Ano22s, Ano22t, Ano22u, Ano22v, Ano22o, Ano22w]. **2023** [Ano23a, Ano23b, Ano23c, Ano23j, Ano23k, Ano23l]. **2024** [Ano24a, Ano24b, Ano24h, Ano24i, Ano24j]. **20°** [CMT93, DMJ93, DJR<sup>+01</sup>, GRWW01, GG93, LDFS93, MH93, MF09, Pfa93, RWL<sup>+93</sup>, Yu03, ZSB01]. **20'** [MWB<sup>+09</sup>]. **20th** [PL04, VNBW18]. **21°** [BZvHH00, HM93, ZBvH<sup>+00</sup>]. **24-years** [LBJ<sup>+13</sup>]. **24.5°** [MBW<sup>+03</sup>]. **25-year** [AAL<sup>+17</sup>]. **26.5°** [LBB11, MJG<sup>+13</sup>]. **265** [WPB<sup>+16</sup>]. **26°** [Bae11, MWB<sup>+09</sup>]. **29** [Ano00k]. **29°** [AMN<sup>+02a</sup>]. **2°** [AAB<sup>+97</sup>].

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

**4** [Kyt02b, Kyt02c, PPR02]. **40-year** [BA02]. **40°** [MWB<sup>+09</sup>]. **40'** [MWB<sup>+09</sup>]. **42** [Ano95b, Ano96f]. **43** [Ano96g, Ano97b]. **44** [Ano97c]. **44°** [INTS02, TNIW02]. **467** [MP94]. **47** [CC00, WJD<sup>+00a</sup>]. **47°** [CMT93, DMJ93, LDFS93, MH93, MHA<sup>+01</sup>, PDA<sup>+20</sup>, Pfa93]. **48°** [ARB<sup>+13</sup>, BZvHH00, HM93, ZBvH<sup>+00</sup>]. **49** [LLM<sup>+03</sup>, MCS<sup>+03</sup>, PNLFS03, RVJG<sup>+05</sup>, SMGB03]. **49°** [LAJP13]. **4MS** [FSP<sup>+16</sup>, COS<sup>+16</sup>, MPM<sup>+16</sup>].

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

**6** [RSD<sup>+97</sup>, SDB<sup>+97</sup>]. **60°** [RWL<sup>+93</sup>]. **62°** [GCB04, KNK15]. **6500** [KFS<sup>+17</sup>]. **65°** [Bol08]. **66°** [JPM99]. **67°** [KR95]. **6°** [CAÖT04, FG97, TBBM03, VPS97, Yu03].

**70°** [TCJ+11]. **71°** [Bol08]. **75°** [BKD06]. **76** [GAL+20]. **76°** [OA11]. **78°** [Bol08].

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

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

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

[FCG18, AHGCNM+04, ASF+12, DNA97, MTBB00, MNSMN+04].

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

BCNS15, BCE18, BSCE15, BFB<sup>+18</sup>, CCBL14, CAK15, CMH<sup>+20</sup>, Dau18, DND04, DJ15, DBS98, DGB<sup>+98</sup>, DBBWH20, DBH<sup>+20</sup>, EGMB13, EMG<sup>+15</sup>, EBGCL08, FHR<sup>+11</sup>, FB15, FBBW<sup>+10</sup>, FSM93, Gol15, GC15, GRB<sup>+17</sup>, GARVK04, HSC<sup>+07</sup>, JT07, Jaž15, JSSW14, KPML20, Kam13, Kam15, Kam18, KWPB15, KME18, KGS23, KKVP15, LSST20, LNJ<sup>+00</sup>, LMS15, LdSN<sup>+18</sup>, LBB<sup>+07</sup>, LS18, MA15, Mar18, MMWM00, MCD<sup>+09</sup>, MMM<sup>+00</sup>, PWCL98, PGF<sup>+09</sup>, PDY20, PRSS23, RJT11, RLB18b, RKB18, RCCP13, RJP18, SS13a, San13, SA18, SW09, SA15b, SBB<sup>+11</sup>, SBE<sup>+07</sup>, SM15]. **abyssal** [SRAL<sup>+17</sup>, SHD<sup>+96</sup>, SBD<sup>+97</sup>, SBG<sup>+98</sup>, SD98, SHM<sup>+20</sup>, SHR20, SPB<sup>+10</sup>, SC15, TWG00, WP00, WCB98, WZB<sup>+14</sup>, ZV13]. **abyssalis** [SM15]. **AbyssBox** [SRS<sup>+15</sup>]. **Abyssorchomene** [DHST13]. **abyssorum** [AM15, DHST13]. **Acanthocope** [MFB18]. **Acantholaimus** [LdSN<sup>+18</sup>]. **ACC** [VPS97, YLD09]. **accelerated** [RFF<sup>+02</sup>]. **acceleration** [GBC<sup>+13</sup>]. **accommodate** [HM14]. **according** [VSV<sup>+97</sup>]. **account** [BSCE15]. **accounts** [GMR<sup>+05</sup>, MK19]. **Accumulation** [CZP<sup>+08</sup>, CAFK03a, MHK<sup>+03</sup>, ZEGB97, ASH<sup>+11</sup>, BMD<sup>+17</sup>, BAD<sup>+97</sup>, BD94, DPLB94, DeM02, DTP<sup>+05</sup>, HTD00, HFM<sup>+02</sup>, IMP<sup>+02</sup>, bLHsL<sup>+13</sup>, MISC<sup>+02</sup>, MLG<sup>+04</sup>, OMY<sup>+03</sup>, OHT12, RV00, SBH<sup>+02</sup>, TDKA05, ZCP<sup>+08</sup>]. **accuracy** [AGHS04]. **acerata** [LPAR24]. **acid** [BTV<sup>+11</sup>, BBB<sup>+11b</sup>, CHM<sup>+17</sup>, CSW<sup>+17</sup>, FBCN00, GRSW00, KWPB15, KME18, KYKJ16, MSW<sup>+13</sup>, MAB<sup>+01</sup>, MKKF18, NCE<sup>+23</sup>, ÖCB<sup>+04</sup>, PPYN15, PGFP<sup>+08</sup>, RKM23a, RN96, TYBY06, VVTM97, VCSM09, WPFB11, WPSB11, WPB11]. **acidification** [BJF16, BSN<sup>+15</sup>, GGCM17, HWK<sup>+14</sup>, JFM<sup>+17</sup>, KGdC<sup>+18</sup>, PTM<sup>+16</sup>, PCH<sup>+22</sup>, RBJW16, TPW<sup>+16</sup>, TTL<sup>+16</sup>, VHM17]. **acids** [EPPR09, GGO<sup>+14</sup>, GK02, Har94, ILWH03, KCZ<sup>+19</sup>, Kha18, PRC<sup>+09</sup>, SNIT02, SJSI00, WWH<sup>+10</sup>]. **Acknowledgment** [Ano09c]. **acorn** [APT11, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>]. **Acoustic** [BCT21, BWWG98, BOH<sup>+04</sup>, FWC<sup>+12</sup>, GR10, JKK<sup>+10</sup>, KOO<sup>+24</sup>, KSB<sup>+03</sup>, MSM10, SCPP05, WH01a, ADBW16, ATLD<sup>+20</sup>, BH03, BdBj<sup>+14</sup>, BSX<sup>+15</sup>, BWS<sup>+98</sup>, BMM<sup>+99</sup>, BTLC98, CDM<sup>+16</sup>, CLB13, DWG<sup>+15</sup>, DTWW17, DO19, DTWW21, DME<sup>+18</sup>, GWP<sup>+98b</sup>, GWP<sup>+98a</sup>, HVBO08, JOD98, KGE<sup>+04</sup>, LWSA08, LDHO<sup>+14</sup>, LCG03, MOT98, MS18, MWB95, OMG<sup>+11</sup>, RDW<sup>+12</sup>, SC10, SWC<sup>+02</sup>, SCGB18, TSSR20, TBPS22, UGSK<sup>+20</sup>, UW99, WGR<sup>+95</sup>, WWB04, WCS07]. **Acoustical** [WMS<sup>+96</sup>, Ano97b]. **Acoustically** [LWA<sup>+04</sup>, PMGH01, ASFI02]. **Acoustically-inferred** [LWA<sup>+04</sup>]. **acoustics** [GSPT13, MGJ<sup>+18</sup>, ŠH11b]. **acquire** [MCH<sup>+13</sup>]. **across** [ADGA01, BTR20, BN04, BBR<sup>+18</sup>, BSRB17, BG09a, BLW<sup>+09</sup>, CG21, CWS05, CL09, Cra97, CHSVB<sup>+19</sup>, DSB<sup>+18</sup>, DHM<sup>+22</sup>, DKGT04, EZB<sup>+20</sup>, EWA<sup>+03a</sup>, EWA<sup>+03b</sup>, ECM<sup>+06</sup>, FWC<sup>+12</sup>, GPCT23, HWS<sup>+07</sup>, HLL<sup>+09</sup>, HWJ20, HLM<sup>+01</sup>, JM15, KBB07, KFHR05, KMK<sup>+20</sup>, KWW<sup>+12</sup>, KHL<sup>+17</sup>, LEP14, MBW<sup>+03</sup>, MY99, MAB<sup>+01</sup>, MWF<sup>+19</sup>, Mun14, Mun16, MKW11, OvdRvA<sup>+22</sup>, Pap05a, PJC19, PBO<sup>+11</sup>, PRMM<sup>+17</sup>, RGTv97, RJB<sup>+04</sup>, RGL<sup>+06a</sup>, SRHP23, SM00, SWK<sup>+23</sup>, SMS01, SLB18, SWC09, SHD<sup>+96</sup>, SLH<sup>+00</sup>, SBA<sup>+20</sup>, SKKM20, SBS<sup>+08</sup>, TSP<sup>+18</sup>, THJ<sup>+05</sup>, TNT<sup>+15</sup>, VCSM09,

WJ02, Wir94, WOU06, WSB<sup>+09</sup>, YSMW05, vdLCS<sup>+11</sup>]. **across-shelf** [RGL<sup>+06a</sup>]. **Actiniaria** [SS13a, AD08, RLG07, SSK<sup>+23</sup>]. **Actiniidae** [MBD<sup>+17</sup>]. **Actinopoda** [PPC<sup>+07</sup>]. **actinopterygian** [DLB<sup>+11</sup>]. **Actionable** [RHD<sup>+18</sup>]. **Active** [AML01, MMM<sup>+13</sup>, ACBV<sup>+18</sup>, CPW<sup>+18</sup>, DDB<sup>+17</sup>, DNA97, FC15, GSPT13, GHD<sup>+18</sup>, HBCG14, HS93, HTT15, LVP13, LMKL09, LSA14, LCE<sup>+23</sup>, MWK<sup>+18</sup>, MZR<sup>+95</sup>, OSGS00, OCG<sup>+09</sup>, RVC<sup>+13b</sup>, RAL04, RCG18, RKM<sup>+23b</sup>, SSHB03, SSV02, SO98]. **active-passive** [HS93]. **activities** [Bec97, BGG<sup>+09</sup>, DCK01, JZ01, MORB<sup>+15</sup>, NKA<sup>+11</sup>, PSP<sup>+09</sup>, SLS<sup>+09</sup>, SLD<sup>+13</sup>, WBM96, ZDA<sup>+16</sup>]. **Activity** [NS93, BMRP02, BFL00, BSP00, BHSJ16, BVB<sup>+14b</sup>, BHS<sup>+10</sup>, BEJS93, CRJB08, CDJM04, DKT<sup>+01</sup>, DC08, DBDT03, DKGT04, ERR97, FC15, FD98, FMH<sup>+02</sup>, GQ09, GBVG<sup>+02</sup>, HMGD17, HMLS<sup>+06</sup>, Hol96, HD02, HLM<sup>+01</sup>, IAC<sup>+03</sup>, JBS<sup>+10</sup>, KN97, KSS00a, LWM<sup>+09</sup>, LWL<sup>+16</sup>, LRL<sup>+22</sup>, LNDH<sup>+17</sup>, MGS<sup>+10</sup>, MMSS14, MPTW11, OJK<sup>+10</sup>, PPR<sup>+20a</sup>, PJ99, RSR<sup>+19</sup>, SMGB02, SMGB03, SMB03, TB97, TGA<sup>+09</sup>, TOSH08, ULTL16, ZJA16, ZHB<sup>+07</sup>]. **acuminata** [VSGGPR14]. **acute** [TPW<sup>+16</sup>]. **acutorostrata** [LAP<sup>+17</sup>]. **acutus** [GIPL<sup>+14</sup>, HZL94, PTWM12]. **Adamussium** [SL06]. **Adaptation** [BLM<sup>+14</sup>, AH17, LCT<sup>+07b</sup>, PKZ93, RJP18, XZW<sup>+19</sup>]. **adaptations** [STB<sup>+17</sup>, SBM<sup>+13</sup>]. **Adapted** [VAMPR<sup>+17</sup>, BCN<sup>+17</sup>, PFW<sup>+09</sup>]. **adapting** [RHD<sup>+18</sup>]. **adaptive** [VPdP06]. **ADCP** [FK98, HVBO08, KF01, SMPSG<sup>+04</sup>, YXC<sup>+19</sup>]. **added** [BMF<sup>+01</sup>]. **addition** [CWTJ03, FSK<sup>+05</sup>, Had11, HNK<sup>+12</sup>, KTP<sup>+05b</sup>, KTB<sup>+05</sup>, LAW<sup>+05</sup>, LSS<sup>+11</sup>, LB98b, PST<sup>+05</sup>, PZK<sup>+05</sup>, SVD97, WN01]. **additions** [BTV<sup>+11</sup>, Thi05]. **Adelaide** [LPAR24]. **adeliae** [CHPF10, NCR<sup>+08</sup>]. **Adélie** [WLR<sup>+00</sup>, CHU<sup>+00</sup>, BHB<sup>+07</sup>, CHPF10, EBG<sup>+11</sup>, ERPF11, NCR<sup>+08</sup>, PCL22, WLR<sup>+00</sup>, WB03]. **Aden** [GOH<sup>+15</sup>]. **adjacent** [Ala15, Bea09, BPPJ15, BCE18, BMK09, CKFC18, CAK15, GC15, HSS<sup>+12</sup>, JT07, JLY<sup>+16</sup>, Kam15, KWPB15, KTF07, KKVP15, MN10, MA15, MA18a, MA18b, Mar18, MNR<sup>+11</sup>, NMC<sup>+07</sup>, NEN<sup>+07</sup>, OPV11, PWITH15, PW15, RLB<sup>+18a</sup>, SA18, SA15b, SKS<sup>+23</sup>, SNS<sup>+07</sup>, SC15, TAMTC<sup>+13</sup>, TLR<sup>+00</sup>, VVV04b, VD98, VT01, WKLM15, YNK07, YMMC11, ZBC<sup>+13</sup>]. **adjoining** [HHNK<sup>+04</sup>]. **adjoint** [BMRTL93, SOW01]. **adjustment** [DGR02, PN93, WGB01]. **Admiralty** [NKA<sup>+11</sup>, SJD<sup>+11</sup>]. **adopted** [dLWFB08]. **Adriatic** [AAG19, AGM<sup>+93</sup>, KMG<sup>+20</sup>, KLC<sup>+19</sup>, TŠŠ<sup>+19</sup>]. **Adult** [SGI<sup>+19</sup>, CRJ<sup>+08</sup>]. **Adult-mediated** [SGI<sup>+19</sup>]. **Advanced** [MV23, RFF<sup>+02</sup>, PMLM<sup>+02</sup>]. **Advances** [CHS17, HAE<sup>+15</sup>, JFC18, ELP13, MDS<sup>+16</sup>, Pal19, YHC<sup>+15</sup>]. **Advancing** [RBG18]. **Advection** [KCA05, MMHB98, SNFK20, AVS<sup>+20</sup>, BMT20, CAFK03b, CK10, HCG<sup>+01</sup>, SFG98, SHB14, TLW<sup>+94</sup>]. **advective** [DGS<sup>+05</sup>, HSR<sup>+23</sup>, WPLN96]. **Aegean** [DFA<sup>+20</sup>, PVK<sup>+20</sup>, STD<sup>+20</sup>, TGLN93, TKP<sup>+20</sup>, Uys06, VPA<sup>+20</sup>]. **aeglefinus** [BD06]. **aeolian** [VOK<sup>+24</sup>]. **aequalis** [FARLR<sup>+13</sup>]. **Aequorea** [MCCM<sup>+98</sup>]. **Aerial** [BBS14, MRE<sup>+11</sup>, KI18, LPK<sup>+17</sup>, PLD<sup>+17</sup>]. **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]. **Africanacetus** [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, 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>+09</sup>, LSC05, LCH<sup>+09</sup>, LC16, LCS16, LB18, LDGH16, LBD<sup>+22</sup>, LSWH07, MMS<sup>+19</sup>, MPC99, MHTZ19, MHPS19, MC18b, MCH22, MD14, MHSV18, MOA<sup>+18</sup>, MSK<sup>+19</sup>, MBC<sup>+09b</sup>, MZH16, OMS06, OMAA18, OBH<sup>+19</sup>, PHH<sup>+16</sup>, PWH05, PSZ<sup>+19</sup>, PDC<sup>+21</sup>, RHD<sup>+18</sup>, RDSA<sup>+21</sup>, Roy05, SCD14, SHB14, SDB<sup>+19</sup>, SMBL19, SCB<sup>+16</sup>, SRN02, SBC<sup>+16</sup>, SGM<sup>+14</sup>, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, SMB<sup>+18</sup>, SFB16, SFB19]. **Alaska** [SPP22, TBH09, TMW<sup>+05</sup>, VBM<sup>+19</sup>, WDR05, YSMW05, Zim19, ZDO19]. **Alaskan** [FTT<sup>+17</sup>, BRD<sup>+18</sup>, CBK<sup>+22</sup>, LPM<sup>+19</sup>, OCP18, PAUB19, RHD<sup>+18</sup>, RSC07, RNB07, SBK<sup>+16</sup>, VSM17, ZRG16]. **albacares** [BSN<sup>+15</sup>, DABMAMA04, DWM<sup>+15</sup>, LCW20, WLT20]. **albacore** [DKP<sup>+17</sup>, GDA<sup>+15</sup>, LSNH15, PPYN15, RSB<sup>+17</sup>, SA14, SLHS20, WAN<sup>+15</sup>, ZKSS06]. **albatross** [PWB<sup>+06</sup>, WSP19]. **albatrosses** [KRLH14, SSB<sup>+06</sup>]. **albatrus** [PWB<sup>+06</sup>]. **Alboran** [LGR<sup>+14</sup>, CV17, SABP<sup>+16</sup>]. **Aleutian** [BZMC20, NHCL14, PHH<sup>+16</sup>, RBO07]. **Alexandrium** [ASK<sup>+05</sup>, AKK<sup>+05</sup>, AKM<sup>+05</sup>, AKK<sup>+14</sup>, AJG<sup>+10</sup>, Ano05a, ABS<sup>+14</sup>, BFG<sup>+10</sup>, BKS<sup>+10</sup>, BFK<sup>+14</sup>, BAD<sup>+14</sup>, CTCD05, DPS<sup>+14</sup>, DTP<sup>+05</sup>, EPK<sup>+10</sup>, ESAG10, ER05, GTTKB14, GKQ<sup>+05</sup>, KCMA05, KCA05, KTP05a, LLK05, LTH05, MPH<sup>+05</sup>, MLH14, MTK05, MAST05, MALT05, MTK<sup>+14</sup>, MBC<sup>+14</sup>, PTD<sup>+14</sup>, PHK<sup>+14</sup>, PAM<sup>+14</sup>, PKA05, SKM14a, SMSA05, TFR<sup>+10</sup>, TBT05, TPT05, TMTR14, TB05, TDKA05, VCM<sup>+14</sup>]. **Alexandrium-imposed** [LTH05]. **algae** [BMS<sup>+18</sup>, BMR<sup>+14</sup>, EWBW99, Gra09, RPZ<sup>+14</sup>, Ste10]. **algae-degrading** [RPZ<sup>+14</sup>]. **Algal** [AHHCR23, CCBL14, RVS11, BBL14, BSG<sup>+02</sup>, DB97a, FMS08, GSMB01, GLW<sup>+97</sup>, Gra09, PLGCL09, RBMY14, RCF<sup>+16</sup>, SM96a, SLT<sup>+14</sup>, SMLS02, TRWB99]. **Algerian** [IFFGL<sup>+04</sup>]. **algorithm** [PW15]. **Algorithms** [COJ<sup>+09</sup>, BMML06, CC15, GG95, KKD06, LMvDA16, PG18, RD97, WPAP01]. **Alicella** [JLL<sup>+13</sup>]. **Alicellidae** [JLL<sup>+13</sup>]. **Alien** [SAKP<sup>+22</sup>]. **Aliphatic** [MRP<sup>+17</sup>, HTPM14, ULH<sup>+21</sup>]. **alissae** [CP18a]. **alkalic** [SWB<sup>+18</sup>]. **alkaline** [KN97]. **Alkalinity** [HM06, Che02, CSL<sup>+07</sup>]. **Alkane** [HT17]. **alkenone** [SBR<sup>+97</sup>]. **Alle** [KH02]. **allocation** [Arm06, SHM13, SH16]. **ALOHA** [CBT01, AML01, BGS<sup>+08</sup>, CTGD08, Chi96, DK96, FSL<sup>+01</sup>, KCD<sup>+96</sup>, KBD<sup>+01</sup>, LAMS<sup>+01</sup>, LDWK96, PLT<sup>+13</sup>]. **Alone** [EGMB13]. **along** [ABC<sup>+04</sup>, AMN<sup>+02a</sup>, AAG02, ADE22, AHVB<sup>+17</sup>, BRG<sup>+19</sup>, BJB<sup>+06</sup>, BK96a, BHS<sup>+19</sup>, BFH<sup>+11</sup>, Ber24, BHSJ16, BFB<sup>+18</sup>, BL01b, BSS15, BBA<sup>+01</sup>, BBD<sup>+03</sup>, BCF<sup>+04</sup>, ÇYB<sup>+18</sup>, CFT<sup>+04</sup>, CGR<sup>+96</sup>, CWTJ03, CRMI18, CMB02, CG04, CAÖT04, DRH<sup>+09</sup>, DONF08, DJR<sup>+01</sup>, Duc08, Dud06, ERPF11, ECS<sup>+17</sup>, FHR<sup>+11</sup>, FCW<sup>+15</sup>, FG97, GRWW01, GPÇ18, GLLC04, GARVK04, HHH<sup>+15</sup>, HBCG14, HZMH07, HFM<sup>+00</sup>, HSY08, ILWH03, JWO<sup>+09</sup>, JLL<sup>+15</sup>, JBS<sup>+10</sup>, JNB17, KNK15, KR95, KRB95, KT02, KDG<sup>+97</sup>, LHD<sup>+22</sup>, LWSA08, LWAS08, LOB<sup>+09</sup>, LSM<sup>+06a</sup>, LWSZ13, LBB95, LBE06, LKK<sup>+95</sup>, MS09, MY99, MPZ04, MGNB96, MKS<sup>+20</sup>, MCD<sup>+09</sup>, MLBB14, MRD13, MLG<sup>+04</sup>, NFD<sup>+02</sup>, NTH10, OBC<sup>+14</sup>, OB22a, OB22b, PHM06, PDA<sup>+20</sup>, PH96, PFC19, PSK<sup>+00b</sup>, PHDK11, PGK14, RHL<sup>+22</sup>, RV00, RSB<sup>+15</sup>, RP05, RPZ<sup>+14</sup>,

RDC<sup>+18a</sup>, RDC<sup>+18b</sup>, RYT01, SMCA01, SH99c, SLB18, SWL<sup>+18</sup>, SHB14].  
**along** [SZV<sup>+19</sup>, SGB<sup>+08</sup>, SKMDR02, SIFS10, SBK08, SBH<sup>+02</sup>, SSJ<sup>+22</sup>, SKSW02, SSR<sup>+14</sup>, SHY<sup>+08</sup>, SWGPK17, SLP<sup>+17</sup>, SB22, TŠŠ<sup>+19</sup>, TBSP<sup>+18</sup>, TMP<sup>+13</sup>, VKC09, VCDAL14, WLR<sup>+00</sup>, WNA<sup>+10</sup>, WS11, WZB<sup>+14</sup>, Yu03, ZSB01, dChdOF<sup>+18</sup>, vHHH<sup>+11</sup>]. **along-shelf** [VCDAL14]. **along-slope** [CRMI18]. **alongshelf** [SMS01]. **Alongshore** [HZN<sup>+16</sup>]. **alpha** [Car07]. **alpha/beta** [Car07]. **alteration** [TGG<sup>+09</sup>, WOM<sup>+16</sup>]. **Alterations** [DPK<sup>+14</sup>, LLK<sup>+09</sup>]. **altered** [DAA<sup>+20</sup>]. **alternations** [OCT<sup>+19</sup>]. **Alternative** [MMTT<sup>+20</sup>, TCEW07]. **Altimeter** [SJ00, BB03, BSS<sup>+02</sup>, HFKY05, WEB93]. **Altimeter-derived** [SJ00]. **altimetric** [Mit96]. **altimetry** [KFH01, LM13, MMXS02, SMS03, SMPSG<sup>+04</sup>, WH01b, XAY<sup>+11</sup>]. **Aluminium** [VVTM97, MvSdBL11]. **aluminum** [CW97, KAI21, PCDM11]. **alutus** [CM16a, CM16b, SCH<sup>+19b</sup>]. **ALVIN** [RSH10, NKB<sup>+18</sup>]. **Alvinella** [DCA<sup>+98</sup>]. **alvinellid** [PZL<sup>+09</sup>]. **Am** [LLL<sup>+03</sup>, MPS<sup>+03</sup>]. **Amazon** [HMSMK04]. **ambient** [NSvH<sup>+11</sup>, TGRB02, UW99]. **amendments** [JMN<sup>+15</sup>, MAT<sup>+12</sup>, RJM<sup>+15</sup>]. **America** [BMK05, PPM02, SW09]. **American** [RSCFT<sup>+16</sup>, WLM23, DKP<sup>+14</sup>, FBS94, RSCFT<sup>+13</sup>]. **americium** [LGP<sup>+03</sup>]. **Amino** [GK02, VCSM09, GGO<sup>+14</sup>, ILWH03, KCZ<sup>+19</sup>, PRC<sup>+09</sup>, SJSI00]. **Ammodytes** [SLLT10]. **ammonia** [YLD09]. **ammonia-oxidizing** [YLD09]. **ammonium** [BFT<sup>+97</sup>, BCDV02, CCK<sup>+16</sup>, GMT<sup>+09</sup>, GMLB99, HSS<sup>+18</sup>, MF09, MSRM08, RWJ06, SFW08, SGD14b, WR01]. **ammonium-oxidizing** [HSS<sup>+18</sup>]. **amo** [YLD09]. **AMOC** [CH11, MZD<sup>+11</sup>]. **among** [BSR<sup>+18</sup>, BRBD17, Bro19, CDM23, DFD<sup>+11</sup>, DSC<sup>+19</sup>, IGN<sup>+10</sup>, KCM<sup>+14</sup>, KCL20, MBDB<sup>+24</sup>, NLSL09, OCP18, PKHH17, SW09, SVJ<sup>+08</sup>, WCS07]. **amongst** [CAGL13]. **Ampelisca** [SR08b]. **ampeliscid** [SW08]. **Amperima** [BBR<sup>+10</sup>]. **Ampharetidae** [KEA<sup>+17</sup>, QRE<sup>+17</sup>]. **Amphimelissa** [MA05]. **Amphipod** [CBK<sup>+07</sup>, BVL04, DHST13, JLL<sup>+13</sup>, Jaž15, LMLJ18]. **Amphipoda** [HNS<sup>+11</sup>, BV04, DHST13, KGS23, LJB18, SR08b, WT12]. **amphipods** [AGD96, DEJ08, DYEJ08, HP08, HTD13, KBF<sup>+08</sup>, RJP18, SW08]. **amplification** [GPC14]. **Amplified** [MN10]. **amplitude** [LH06]. **AMSR** [MS12, OCKA<sup>+11</sup>]. **AMSR-E** [MS12, OCKA<sup>+11</sup>]. **AMT** [BMML06, RPH<sup>+06</sup>, CMB09]. **Amundsen** [AMvD<sup>+12</sup>, ALvD12, BLB<sup>+11</sup>, CKJ<sup>+16</sup>, CCK<sup>+16</sup>, GAL<sup>+12</sup>, GAL<sup>+20</sup>, HKY<sup>+16</sup>, JLY<sup>+16</sup>, KAW<sup>+16</sup>, KCY<sup>+16</sup>, KLJ<sup>+16</sup>, KHL<sup>+16</sup>, KYKJ16, LLK<sup>+16</sup>, LPJ<sup>+16</sup>, MDS<sup>+16</sup>, MAT<sup>+12</sup>, SKK<sup>+16</sup>, TAL<sup>+12</sup>, TLP<sup>+12</sup>, YJL16]. **anaerobic** [CCK<sup>+16</sup>, GMT<sup>+09</sup>, HSS<sup>+18</sup>, HFL<sup>+15</sup>, TCG<sup>+18</sup>, WJS<sup>+10</sup>]. **analog** [AWL<sup>+09</sup>]. **analogues** [MR15]. **Analyses** [PPR<sup>+20b</sup>, BS05, BS06, DCC<sup>+13</sup>, GBP00, GKB<sup>+18</sup>, HSHM02, KOS<sup>+16</sup>, KHT<sup>+20</sup>, MC18a, MKKF18, OTNT05, OSCS00, PGFP<sup>+08</sup>, PSK00a, PCP<sup>+17</sup>, RKM23a, WMH<sup>+07</sup>, WPFB11, WPSB11]. **Analysis** [BES11, DCL<sup>+21</sup>, FGH<sup>+13a</sup>, HA03, KCTG16, MPM<sup>+16</sup>, SMPSG<sup>+04</sup>, BBS<sup>+20</sup>,

BGB08, BK96b, BOJ<sup>+</sup>10, 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, HiII<sup>+</sup>19, HiII<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, 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, GPC<sup>+</sup>18]. **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, WTWC07]. **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>+04</sup>, ŠH11b, SBS<sup>+08</sup>, TCM<sup>+04</sup>, VFS02, VNBW18, WAL<sup>+11</sup>, dCHdOF<sup>+18</sup>, BDG<sup>+04</sup>, ARLB00, ARNB01, ADBW16, AS02a, AF01, AGW<sup>+13</sup>, AE02, AAMF<sup>+02</sup>, ACSG15, AHV<sup>+17</sup>, Ano06b, ASMM11, ASH<sup>+11</sup>, AHB<sup>+17</sup>, ASF<sup>+12</sup>, BCE<sup>+07</sup>, Bai09, BDE07, BFF<sup>+07</sup>, BLO04, BSS20, BVL04, BV04, Ber07, BCVCHW04, BRW00, BSZ99, Bol08, BSR<sup>+18</sup>, BSCR11, BKPA06, BKCVC10, BBB13, CEG<sup>+11</sup>, CVF11, CHPF10, CMG<sup>+11</sup>, CSW<sup>+17</sup>, CSP05, CMNM16, CWTJ03, CBC02, CKH<sup>+08</sup>, CWD<sup>+10</sup>].

**Antarctic** [DSB<sup>+18</sup>, DURP03, Dal04, DNM<sup>+16</sup>, DVS<sup>+97</sup>, DND04, DDS11, DO01, DK04, DPS<sup>+11</sup>, DKGT04, DLB02, Duc08, DEK<sup>+08</sup>, ETDB11, ECD06, EWA<sup>+03b</sup>, FCG18, Fig02, FG97, FWM<sup>+11</sup>, FMWD07, Gag04, GTSC08, GHM18, GMS<sup>+02</sup>, GSK02, GP08, GAP<sup>+06</sup>, GD07, GJ11, GWDP11, GS06b, GDC11, GBVG<sup>+02</sup>, Gut06, GBD<sup>+11</sup>, HNS<sup>+11</sup>, HTA<sup>+17</sup>, HWN<sup>+04</sup>, HKN<sup>+04</sup>, HCWH00, HH03, HWCT08, HWCT11, HKO<sup>+17</sup>, HHP04, HRM<sup>+11</sup>, HPM02, JKK<sup>+10</sup>, JSM<sup>+16</sup>, JBS<sup>+13</sup>, JCM<sup>+13</sup>, JHS<sup>+17</sup>, JSSW14, JH04, JVL<sup>+16</sup>, KGB<sup>+11</sup>, KNK15, KRS<sup>+11</sup>, KKM<sup>+10</sup>, KMB11, Kla97, KHB<sup>+04</sup>, KSM<sup>+11</sup>, KBF<sup>+08</sup>, LCVV06, LSB<sup>+02</sup>, LBR<sup>+11</sup>, LCvdM<sup>+16</sup>, Lar04, LL01, LSS<sup>+11</sup>, LWA<sup>+04</sup>, LT16, LB93, LCG03, LWC05, Lin04, LGBC06, LBE06, LZL<sup>+22</sup>, LRM<sup>+02</sup>, LPAR24, LDD<sup>+97</sup>, MAH<sup>+12</sup>, Mal04, MB07b, MDH08, MDTS11b, Mar19, MGJ<sup>+18</sup>, MOT98, MKB<sup>+10</sup>, MNG<sup>+11</sup>, MTK<sup>+18</sup>, MTD<sup>+18</sup>].

**Antarctic** [MAB<sup>+01</sup>, MSV<sup>+17</sup>, MSvL17, MBOvL08, MHVM<sup>+08</sup>, MBT97, MGC<sup>+01</sup>, MS11, MPTW11, NKK<sup>+00</sup>, NTS<sup>+11</sup>, NRBO<sup>+05</sup>, OMG<sup>+11</sup>, OPDM11, OA11, OSHB07, OCKA<sup>+11</sup>, PHOM09, PH17, PG97, PNH<sup>+00</sup>, PBG07, PDT<sup>+11b</sup>, PB13, PAVGBG02, PHS<sup>+11b</sup>, PG18, PHD<sup>+11</sup>, PHDK11, Pör06, PRMM<sup>+17</sup>, PDTS08, RTB02, RDW<sup>+22</sup>, RPMS95, RAF<sup>+11</sup>, RHPC<sup>+19</sup>, RVS11, RLG07, RQNO04, RQM<sup>+08</sup>, RPZ<sup>+14</sup>, RFB97, SWR<sup>+95</sup>, SM00, SGGW11, SSWM18, SvdMC<sup>+16</sup>, SL06, SH11a, SAVP12, SBB<sup>+11</sup>, SBE<sup>+07</sup>, SLA<sup>+01</sup>, SBM<sup>+18</sup>, SRB<sup>+11</sup>, SK07, SPEPS18, SDB<sup>+97</sup>, SKMDR02, SK02, SMD06, SMS<sup>+08</sup>, SMD08, SMSI08, SMH<sup>+11</sup>, SHW<sup>+16</sup>, SSG<sup>+11</sup>, SGB<sup>+02</sup>, SGP<sup>+02</sup>, SBvdL<sup>+02</sup>, SWGPK17, SLP<sup>+17</sup>, SP06, SKH10b, TGU<sup>+06</sup>, THT11, TNBL95, UWvdE<sup>+16</sup>, URDP01, VMBS03, VBM97, VGBGPA02, VK04, VKGP<sup>+11</sup>, VMB17, VPdP06, VMI<sup>+08</sup>, VPSL15, WMB<sup>+08</sup>, WTS08, WSE<sup>+16</sup>, WBCB06, WGMW10]. **Antarctic** [WGWW11, WGST08, WNA<sup>+10</sup>, WS11, WRBS10, WMA11, WvdE00, WBA03, WPFB11, WZB<sup>+14</sup>, YKY<sup>+07</sup>, You99, dSEDW11, vFvdBB<sup>+02</sup>, vWMR<sup>+17</sup>, vdLBB<sup>+02</sup>, vdLCS<sup>+11</sup>, vGFGS02]. **Antarctica** [CR06, Can06, CDT11, DBDT03, HVBO08, IMP<sup>+02</sup>, MISC<sup>+02</sup>, PIP<sup>+02</sup>, RJGBF02, VSGM03a, AvD04, ALvD12, BS03, BFC<sup>+06</sup>, BS01, BLB<sup>+11</sup>, BN04, BCDV02, BAKF03, CHPS00, CDL<sup>+00</sup>, CCZ<sup>+21</sup>, CHU<sup>+00</sup>, CKJ<sup>+16</sup>, CCK<sup>+16</sup>, CA06b, CMW<sup>+08</sup>, CB01, CMK<sup>+18</sup>, Cri95, CKL03, DBD03, Dia04, DÁSCP02, DDK<sup>+00</sup>, DCC<sup>+01</sup>, EBG<sup>+11</sup>, FMS08, GZGH22, GRS00, GR10, GUSB03, GCJ<sup>+00</sup>, HCL<sup>+22</sup>, HDR<sup>+11</sup>, HB03, HBBD03, HMAW11, HSR<sup>+16</sup>, HSK<sup>+00</sup>, HSD04, HWS<sup>+07</sup>, HWTN22, HZL94, HKY<sup>+16</sup>, JKB04, JR11, JKK<sup>+10</sup>, JCP<sup>+22</sup>, JLY<sup>+16</sup>, JFK<sup>+10</sup>, KFG<sup>+03</sup>, KRW03, KGB<sup>+14</sup>, KCY<sup>+16</sup>, KLJ<sup>+16</sup>, KHL<sup>+16</sup>, KL03, KMD<sup>+01</sup>, LRR<sup>+04</sup>, LPJ<sup>+16</sup>, LXWC21, LCDS00,

LT03, MMTT<sup>+20</sup>, MBS<sup>+13</sup>, MGH<sup>+16</sup>, MLH<sup>+22</sup>, NPBS00, NKK<sup>+00</sup>, NVK<sup>+04</sup>, NCR<sup>+08</sup>, OVKN11, PNH<sup>+00</sup>, PDT<sup>+10</sup>, PEC<sup>+04</sup>, PBO<sup>+11</sup>, PDBH03, RJT11, RCF<sup>+08</sup>, RCF<sup>+16</sup>, RBS<sup>+17b</sup>, RHZ<sup>+03</sup>, SCM<sup>+02</sup>, SRS<sup>+20</sup>, SMV<sup>+03</sup>, SFW08, SLS<sup>+10</sup>, SHWW22, SRF95, SMHB00]. **Antarctica** [SDKH03, SBKS03, SBG<sup>+03</sup>, SGW<sup>+00</sup>, SGD<sup>+03</sup>, SHC<sup>+00</sup>, SSH<sup>+00</sup>, TCG00, TWD<sup>+08</sup>, TLP<sup>+12</sup>, TMT<sup>+11</sup>, TML<sup>+16</sup>, TKF16, VSGM03b, VMF<sup>+16</sup>, WvdEM00, WT12, WLA11, WLR<sup>+00</sup>, WNRM08, WMP<sup>+11</sup>, WSL<sup>+11</sup>, YJL16, ZGGF22, bsBD<sup>+20</sup>, vdMLB<sup>+11</sup>, BTFB12, BTC13, CWEHT22, LPAR24, SDMC03, VVM<sup>+12</sup>, ZDW<sup>+20</sup>]. **antarcticum** [OMG<sup>+11</sup>]. **antarcticus** [LZL<sup>+22</sup>, NCL13, PB13]. **ANTARES** [DRBM97, Gai97, PPRLO2]. **Antares-4** [PPRLO2]. **ANTARES-I** [DRBM97, Gai97]. **Antartica** [GSK96]. **Anthozoa** [SS13a, Dau18, MBD<sup>+17</sup>, RLG07, dMGPT<sup>+14</sup>]. **Anthropogenic** [AAW<sup>+16</sup>, DCC<sup>+17</sup>, MDTG13, PDG<sup>+03</sup>, SZB<sup>+19</sup>, Wal94a, Aar03, AAG06, Ano96f, AAL<sup>+17</sup>, BCWT00, BFM<sup>+14</sup>, CHL<sup>+95</sup>, FPB<sup>+14</sup>, IPTH03, MHK<sup>+03</sup>, OGJ<sup>+19</sup>, PWF03, RPF01, ZMYS13, KGdC<sup>+18</sup>]. **anticipated** [ML20]. **anticyclonic** [EMW<sup>+08</sup>, IFFGL<sup>+04</sup>, LML<sup>+01</sup>, MRLLO1, MML06, PWH05, RSC07, WR01]. **Antifreeze** [CDT11]. **Antimony** [CCFL01, RZS<sup>+16</sup>]. **antioxidant** [TTDR13]. **Antipatharia** [ROS<sup>+17</sup>, YBRT17, dMGPT<sup>+14</sup>]. **Antipathella** [ROS<sup>+17</sup>, dMGPT<sup>+14</sup>]. **ANTXXIV** [VvdLS11]. **ANTXXIV-3** [VvdLS11]. **any** [PHH<sup>+16</sup>]. **AOAC** [DRR<sup>+14</sup>]. **AOL** [YAS<sup>+93</sup>]. **AOSN** [FH09, RDL<sup>+09</sup>, DJCF09]. **AOSN-II** [FH09, RDL<sup>+09</sup>, DJCF09]. **aperture** [JLAD95]. **aphyonid** [MGN<sup>+18</sup>]. **aplacophoran** [SI09]. **Aplustridae** [CC13]. **apparent** [BHS<sup>+10</sup>]. **appendicularians** [ADS<sup>+02</sup>]. **appendix** [Ano96d, CDB94]. **applicability** [SJL05]. **applicable** [Ano17f, Ano17g, Ano17h]. **Application** [CAJE15, GGP<sup>+14</sup>, KBE<sup>+04</sup>, YKN07, AS02a, DLR<sup>+01</sup>, DRR<sup>+14</sup>, FSG02, FCP99, KS10, PDC<sup>+21</sup>, RSC<sup>+09</sup>, SAM96, XSL<sup>+17</sup>, ZRG16]. **Applications** [DGN96, GBS<sup>+22</sup>, PAR<sup>+08</sup>, BL06, RAF<sup>+14a</sup>, RAF<sup>+14b</sup>, SS05b]. **applied** [FNYK02]. **apply** [PTO<sup>+16</sup>]. **Applying** [HCJ<sup>+22</sup>, SOW01]. **appraisal** [Sha01]. **Appreciation** [Ano12, Ano13a, Ano13b, Ano16, SYR<sup>+11</sup>]. **approach** [AST07, ATLD<sup>+20</sup>, AGN<sup>+02</sup>, BdBJ<sup>+14</sup>, BDL<sup>+14</sup>, BCH<sup>+19</sup>, DWW<sup>+02</sup>, EHB19, FSP<sup>+16</sup>, GMB13, HFM<sup>+02</sup>, HGK<sup>+18</sup>, HAM<sup>+15</sup>, HD14, KYS94, KYW20, KRAS24, LDHO<sup>+14</sup>, LVP13, LS17, MYN<sup>+96</sup>, PCDM11, PWL07, PK03, PCB<sup>+17</sup>, QED<sup>+14</sup>, RN06, STB<sup>+17</sup>, SRAs<sup>+24</sup>, SBL<sup>+18</sup>, SZB<sup>+19</sup>, SSB<sup>+06</sup>, SSB<sup>+07</sup>, TTLP06, TVL<sup>+00</sup>, TBSP<sup>+18</sup>, TTL<sup>+16</sup>, ZMYS13]. **Approaches** [SDGH14, ETP<sup>+16</sup>, NB10, DHS<sup>+14</sup>]. **approch** [CTH<sup>+98</sup>]. **approximation** [SJL05]. **April** [Ano98m, BSMV03, DTP<sup>+05</sup>, IF95, TDKA05, Ano00m, Ano22a, Ano23a, Ano24a, BCI02, CRD01, MLG<sup>+02</sup>, VPK<sup>+19</sup>]. **Apulia** [BFT10]. **Apulian** [Di 10, MTR<sup>+10</sup>, SC10]. **Aqaba** [BKP<sup>+19</sup>]. **Aqua** [CWP<sup>+15</sup>]. **aquaculture** [OSM<sup>+20</sup>]. **aquaria** [LPdR<sup>+14</sup>]. **aquarium** [KKM<sup>+10</sup>]. **aqueous** [PFAZL09, SLS<sup>+09</sup>]. **Aquitanian** [ERB<sup>+99</sup>, dMCNC99]. **ARABESQUE**

[Bur99]. **Arabian**

[BG09a, CL09, GBSL98, GNHS05, HLL+09, JJVH18, KFH01, KRG+01, LG00, LG09, LMB+98, LGML00, Men23, MCG+98, PPZ93, PSAY20, RRMM05, SMBM99, SW00, WJD+00a, ZB00, AYN19, AYMSAS19, ASFI02, BN05, BDF00, BRM18, BRJM18, BE00, BEGC04, BMB+01, BMC99, BL99, BCBF03, BH19a, BDM+03, BFL00, BSP00, BL00, BSS+00, BSS+02, BDR+03, BLW+09, BLB+99, BLC+02, BBA+98, BGH+19, BBB+01, CLC+98, CD99, CWB02, CB00a, CM00, CDA98, CLH+00, CML+09, DC00, DCM+99, DMS+98, DOB+01, DG18, DSC+01, EBS99, EOB03, FLTV97, FL02, FWR+02, FK98, FHW06, GGRW99, GGH98, GGH+00, GMR+05, GMLB99, GBL00, GBBS00, GW98, GRSW00, GGRW98, HP98, HML99, HLS+02, HDPI99, HKMS03, HXC+22, JTW00, JPZ93, JLB+99, KMD+99, KMDW01, KBSS93, KSS00a, KW00, KN05, KSS+00b, LRGH+05, LBC+98].

**Arabian** [LB98a, LLB+00, LMB+98, LJBF00, LL00, LCL+98, LWGS00, LOFC00, MGHN01, MDH+98, MTBB00, MPS+21, MGN99, MMWM00, MV99, MDO+98, MBM+00, ML20, MCS+99, MFM+18, MPS+03, MMM+00, MBG09, NISG05, NS93, OHFW93, PLdL97, PL00, PSK00a, PMGH01, PTA+99, PJ99, PS05, PDS00, PVT+21, RSR05, RJDR06, RSF+99, RHI00, RI05, RIBW99, RSW+00, RNP93, RBB+97, Sam01, SSI+99, SBS+00, SBD05, SWC09, SOS01, SW01, SRP+98, SLH+00, Smi01, SSR96, SP00, SBE+99, SZS+07, SBS+02, SJSI00, TBEW99, TLF97, Tho24, TP99, TLR+00, TWG00, VJF23, WPHL02, WBJ+98, WFR+02, WJD+00b, WMM02, WDMEL01, WGG98, WP00, Wit00, WLL00, WLC99, WRS99, Zon97, dSG09a].

**Arabian/Persian** [PSAY20]. **aragonite** [MCM+14]. **Arc** [Lin04, TTD13].

**Archaea** [TGA+09, WLM23, MTDK98]. **archaeal**

[BRJM18, LTG+09, NKA+11, QLU09, SPEPS18, XGL15]. **archaeobacterial**

[GD07]. **archaeological** [BOC18, DCS+18]. **archaic** [GAP+06, BSCR11].

**Archipelago** [CSS+10, ES04, NCT13, CHH+22, FPGH02, MDG13, RVC+13b, ATI+23, BNM+07, DAN23, GBL+08, TRM+07, VFFM13].

**archipelagos** [CSM13b]. **Archipiélago** [SCC98]. **archival**

[CFK15, TCEW07]. **archived** [LSL+15]. **Arctic**

[Ano05b, CGG+12, GCS+12, GH05, GHS09, HD07, LJL+12, LGK15, MORB+15, MBL+15, MWFS17, ORFA+14, PSA14, RGS+97, SSF97, SSH09, YKJ+15, Arr15, Arr16, ATN+12, BFL+20, BKP+20, BDL+22, BFD+23, BBLS14, BCWT00, BIH10, BH97, BHK+10, CFK15, CSA+09, CAS+97, CMNO23, CDM23, CWP+15, CLQ+18, CAC+97, CLGM05, CGG+19, Cra97, CMPB18, CJM+22, DBJ97, DTWF17, DTWW17, DTWW21, DLWW23, DBMI17, DSW20, DCF+18, DGS+05, DGT17b, DSYH09, EAF+17, FPLB+08, Fer06, FNS20, FTT+17, GMD07, GVW+19, GGCM17, GLW+97, GBI10, GNB+17, GMCF19, GKBG17, GF97, HHH+15, HMGD17, HTPM14, HCAK17, HM14, HC05, HALV18, HK07, HPK+97, HEW15, INTS02, JYM+15, JDL+12, JLJ+12, KM05a, KCZ+19, KB95, KMC05, KHC+09, KEA+17, KH10, KCO+19, LKD+15, LCS+06, LKJ+15, LDG+23, LMvDA16, LLM+17, Liv95, LPMS09, LWJR22, MBI+10, MEB+23]. **Arctic**

[MGK19, MS12, MSGO18, MSV18, MES97, MKH<sup>+05</sup>, MWFS17, NPF<sup>+09</sup>, NED09, OACA19, PLL<sup>+06</sup>, PWP<sup>+05</sup>, PLGCL09, PFPJ<sup>+09</sup>, PDE<sup>+16</sup>, PHKW10, RLB<sup>+18a</sup>, RHK<sup>+10</sup>, RFF<sup>+02</sup>, RWRS08, RHD<sup>+18</sup>, RFQ99, RKS<sup>+95</sup>, SSLP95, SvLM95, SE95, SFPH<sup>+08</sup>, SCGB18, SBSW07, SFP<sup>+09</sup>, TCH<sup>+16</sup>, VSFF09, WHF<sup>+19</sup>, WLM23, WBO07, WYOS18, WWH97, Whe97, WWN<sup>+22</sup>, WTT<sup>+20</sup>, WCJ97, YHK15, YBHM05, ZCG<sup>+12</sup>, ZWL<sup>+22</sup>].

**Arctocephalus** [AHB<sup>+17</sup>]. **Arcturoid** [GMB18]. **Area** [BJK<sup>+22</sup>, DKC<sup>+17</sup>, GASGB<sup>+14</sup>, AMJRD19, AAMF<sup>+02</sup>, BM17, BCNS15, BCE18, BEM<sup>+15</sup>, BFG<sup>+10</sup>, BVGE<sup>+06</sup>, COV<sup>+08</sup>, CSGV13, CWJ99, CDJM04, DJC<sup>+14</sup>, EMG<sup>+15</sup>, FB15, FEB<sup>+15</sup>, FSG02, FS14, GHIM04, HH93, HDF<sup>+01</sup>, IMP<sup>+02</sup>, LUV99, LWDH06, LMS15, LGO08, LVP15, Mah16, MB15, MXC15, MQACB08, MHM<sup>+14</sup>, PWMC01, PAUB19, PFAZL09, SdS01, SP09, WSP19, vGCM00]. **Areas** [LVP<sup>+17</sup>, PRDB<sup>+17</sup>, Ala13, AE02, BCVCHW04, CSM<sup>+13a</sup>, CLQ<sup>+18</sup>, DC12, HD17, HSC<sup>+19</sup>, HWCT08, HON<sup>+13</sup>, JT07, KCD<sup>+17</sup>, KGB16, LCWJI<sup>+19</sup>, LPAR24, LPS14, MBDB<sup>+24</sup>, OMAA18, RNP93, SAG<sup>+10</sup>, SKS<sup>+23</sup>, SNS<sup>+07</sup>, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, VGBGPA02, VVV04b, WLZ<sup>+19</sup>, WCS07, YLG<sup>+18</sup>, YNK07]. **Argentina** [RDdL<sup>+13</sup>, FSCC07, HZS00, MP17, PRP15, SGB14]. **Argentine** [AFM93, AHK99, BW93, EI193, FSM93, Led93, MF93a, OA11, RWG93, WEB93, Wea93]. **Argo** [PVT<sup>+21</sup>, CWS<sup>+23</sup>, DS24, Fre13, Gou05, JBC<sup>+21</sup>, KK20, MPS<sup>+21</sup>, PK13, PPR<sup>+20b</sup>, WXL<sup>+23</sup>]. **ARGOS** [RTC<sup>+07</sup>]. **armatus** [MSW<sup>+13</sup>, RCCP13]. **aromatic** [HTPM14, HT17, LTS<sup>+97</sup>, WSS<sup>+08</sup>]. **array** [ARLB00, GMCF19, KCO<sup>+19</sup>, MT98, WWB04]. **arrowtooth** [DDAH<sup>+14</sup>, DMH19, SCH<sup>+19a</sup>]. **Arsenic** [BSE<sup>+16</sup>, CCFL01, PSP<sup>+09</sup>, RZL<sup>+10</sup>, RZS<sup>+16</sup>, TD16, WSLC15].

**Artedidraconidae** [LCVV06]. **Artic** [Ano96f, CHL<sup>+95</sup>]. **articulata** [JR11]. **artificial** [AS01a, STF09, Tho97]. **artisanal** [TMGLM19]. **ASAR** [OCKA<sup>+11</sup>]. **ascertained** [LMLC<sup>+17</sup>]. **Asellota** [EGMB13, KBK<sup>+18</sup>, Gol15, Gol18, GM22, MB07b, MB15, MB18, MG22, RHW04, RMBW07]. **asexual** [TGU<sup>+06</sup>]. **Asia** [GKB19]. **Asian** [JRK<sup>+17</sup>, WKM<sup>+07b</sup>, WKM<sup>+07c</sup>, Bro19, BH19b, LP19, PH19, SPDW19, Sum19]. **Aspects** [BCP<sup>+15</sup>, KBSS93, OVKN11, ASB<sup>+02</sup>]. **asperum** [WZC<sup>+19</sup>]. **asphalt** [FYS<sup>+17</sup>, NMN<sup>+17</sup>]. **assay** [EPK<sup>+10</sup>, PBG<sup>+10</sup>]. **assemblage** [ILCCC07, CSGV13, DSE<sup>+14</sup>, GVW<sup>+19</sup>, GAP<sup>+06</sup>, KRHS20, LS14a, LHZJ13, MKKB14, MSK<sup>+06</sup>, MSS<sup>+02</sup>, MBO07, WAP<sup>+18</sup>]. **assemblages** [ATJ05, Ala22, AAG02, AFC<sup>+17</sup>, ARB<sup>+13</sup>, ANS<sup>+11</sup>, AKHR<sup>+20</sup>, BAS00, BHS<sup>+19</sup>, BH94, BSCR11, BBW<sup>+15</sup>, CBNR<sup>+09</sup>, CPF<sup>+14</sup>, CJA<sup>+06</sup>, CG21, CDM23, CD20, CHR97, CPA<sup>+11</sup>, DHS<sup>+14</sup>, FKS18, FS14, GCCG13, GPCT23, GDAMS19, GMBL10, GSdS<sup>+14</sup>, HNM<sup>+20</sup>, Hec94, HSR<sup>+22</sup>, Hus16, IMG<sup>+19</sup>, IKR<sup>+12</sup>, JTW00, JBD<sup>+09</sup>, KBG<sup>+10</sup>, KNI<sup>+05</sup>, LWDH06, LWSZ13, LBB<sup>+07</sup>, MBI<sup>+10</sup>, MRMP09, NSWY20, NHBM10, OKY<sup>+17</sup>, OT12, PWCL98, PMS<sup>+20</sup>, PZL<sup>+09</sup>, QSA<sup>+09</sup>, RVZ02, SKdS<sup>+14</sup>, Sor99, SPB<sup>+10</sup>, SB22, SRS11, Tan03, TT05, TVLB08, TMP<sup>+13</sup>, VGBGPA02, VH99, VT01, WAM<sup>+18</sup>, WRBS10, ZBC<sup>+13</sup>]. **assess** [FSP<sup>+16</sup>, MBP<sup>+20</sup>]. **Assessing**

[BS21, BHS<sup>+10</sup>, CMG<sup>+11</sup>, CNOC13, FA03, GWP<sup>+98b</sup>, HPWP07, Hei02, PSUH<sup>+16</sup>, Pas18, SSSN19, SMH<sup>+06</sup>, SSP<sup>+09</sup>, TBPS22, Vri09, DTB<sup>+02</sup>, TBSP<sup>+18</sup>]. **Assessment** [COS<sup>+16</sup>, CWP<sup>+15</sup>, DM16a, LL13, MB96, MFN<sup>+02</sup>, PPR<sup>+20a</sup>, SHS<sup>+12</sup>, STP<sup>+16</sup>, VTA<sup>+11</sup>, ATI<sup>+23</sup>, APB<sup>+09</sup>, BFH<sup>+23</sup>, CDM23, CML<sup>+14</sup>, DMC<sup>+17</sup>, DBG<sup>+16</sup>, EHB19, FBP<sup>+17</sup>, GGP<sup>+14</sup>, HCBP97, HIA<sup>+16</sup>, KFW01, LTG<sup>+09</sup>, LTF<sup>+19</sup>, LCL<sup>+22</sup>, Lip01, NP03, RP18, RDSA<sup>+21</sup>, TRF<sup>+97</sup>, WSL07, WPW<sup>+14</sup>, YKSI19, BKS<sup>+16</sup>, ESW<sup>+16</sup>, Mah16]. **assessments** [IHPA16, SPW<sup>+22</sup>]. **assimilated** [FHW06]. **Assimilation** [Fri01, SP09, CFZ<sup>+18</sup>, FM03c, HDGM19, HFKY05, LHS96, LDWK96, MD14, OBM<sup>+93</sup>, SRA<sup>+09</sup>, SJL05, SS01, TDC08, WO99]. **assimilative** [CLF<sup>+09</sup>, MHB<sup>+23</sup>]. **assist** [AKZL16]. **associated** [Ala22, AP22, dSVC<sup>+14</sup>, BW04, Ber24, BPKJ15, BCKH07, BRBD17, BAKF03, BPR<sup>+10</sup>, BVGE<sup>+06</sup>, BLC<sup>+08</sup>, CBNR<sup>+09</sup>, CR06, CdST<sup>+17</sup>, CH24, Cha03, CSG<sup>+15</sup>, CKJ<sup>+16</sup>, CCK<sup>+16</sup>, COQ<sup>+18</sup>, CCM15, CTT09, EHL02, ERR97, EHK09, FR10, FSK<sup>+02</sup>, GLCU<sup>+17</sup>, HDR<sup>+11</sup>, HLL<sup>+10</sup>, HMA20, JCF<sup>+06b</sup>, KLLO98, KKK<sup>+17</sup>, LBV<sup>+08</sup>, LSUB94, LSM<sup>+06a</sup>, LPPCF10, LXS<sup>+13</sup>, LMLC<sup>+17</sup>, MCS<sup>+09</sup>, NMN<sup>+17</sup>, OGG<sup>+15</sup>, OB22a, OLP<sup>+20</sup>, PLRV22, Pas16, PHD<sup>+18</sup>, PZL<sup>+09</sup>, PRSS23, SMZ<sup>+08</sup>, SYT<sup>+10</sup>, SL94, SAVP12, SBBP<sup>+15</sup>, SZH<sup>+04</sup>, SSAL<sup>+17</sup>, SS02, SSI19, SM03, SSS<sup>+11</sup>, Sot09, TSS<sup>+21</sup>, Thu06, TLR<sup>+00</sup>, WPD22, WCH<sup>+93</sup>, WCB98, ZPG14, ZPT<sup>+13</sup>, ZA16]. **associates** [BVL04]. **association** [ALH<sup>+01</sup>, AHVB<sup>+17</sup>, ADG<sup>+08</sup>, ACG<sup>+17</sup>, BDL<sup>+14</sup>, GS06a, NKA<sup>+11</sup>, PGPP<sup>+13</sup>, SPH<sup>+08</sup>, YBC<sup>+17</sup>, TTU01]. **associations** [BWH<sup>+17</sup>, HSY08, KFW01, LWAS08, MBB<sup>+02</sup>, NYH<sup>+20</sup>, OMS06, SJJ19, YSMW05, YSBH06]. **assumptions** [GLF<sup>+03</sup>]. **asteroid** [FSG02, MMD15]. **Asteroidea** [Mah16]. **Astrid** [DKdS<sup>+03</sup>, vAvVV<sup>+03</sup>]. **asymmetry** [DWW<sup>+02</sup>, MS12]. **asymptotic** [CJ19, Mar19]. **At-sea** [CFGR07, WJR<sup>+16</sup>]. **Atheresthes** [DDAH<sup>+14</sup>, DMH19, SCH<sup>+19a</sup>]. **athesphatos** [BG10]. **Atlantic** [AFB<sup>+94</sup>, ARK<sup>+94</sup>, Ang10, Ano96g, BBB94, BMK96, Bea09, BDL<sup>+14</sup>, BA94, Bis94, BRP<sup>+13</sup>, BY04, BHLS15, BAC<sup>+15</sup>, BWH<sup>+17</sup>, BJ15, BSS15, BOJ<sup>+10</sup>, CFJL96, CAGL13, CdST<sup>+17</sup>, CMT93, CRR01, CPH01, CNM17, CWdE99, DMJ93, DKT<sup>+01</sup>, DOBH02, DGN96, DSE<sup>+14</sup>, DKQ<sup>+93</sup>, FBS94, FS05, FHR<sup>+14</sup>, FCW<sup>+15</sup>, FPW02, FKH13, GG93, GdSP11, GNT<sup>+17</sup>, GOP<sup>+01</sup>, HCBL<sup>+17</sup>, HAH<sup>+01</sup>, HC13, HS93, HM93, HFP94, JKB04, JLL<sup>+15</sup>, JPM99, KM96, KFF<sup>+94</sup>, KD01, LRFK99, LSUB94, LDBvdB17, LDHI93, LDFS93, LL13, LTS<sup>+13</sup>, LN01, MHS01, MP17, MK96, MRD13, MTM<sup>+13</sup>, NTF01, NKB<sup>+18</sup>, NESB<sup>+15</sup>, OLG<sup>+01</sup>, QW15, RTFB09, ROL<sup>+15</sup>, RSB<sup>+15</sup>, RDFS93, SH00, SSUB15, SBP13, SSAL<sup>+17</sup>, SLB13a, SKdS<sup>+14</sup>, SE14, SPB<sup>+10</sup>, SGL99, SS99a, SJST13, Ste04, SCB<sup>+01</sup>, 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>, KBC<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>+17</sup>, TZS<sup>+01</sup>, THZ06, THM<sup>+13</sup>, TTLP06, TGK<sup>+11</sup>, TSPH09, TBBM03, TLK<sup>+02</sup>, TLP<sup>+19</sup>, TCH<sup>+16</sup>, VKG93, VALM17, VSS<sup>+93</sup>, VCRDF99, VM01, VCR02, VCO<sup>+15</sup>, WH01a, WCJ<sup>+11</sup>, WW04a, WHNS04, Wat09, WB01, dLWFB08, WBM<sup>+10</sup>, Wil98, WR01, WR15, WW04b, Wun13, Yal01, YSC<sup>+20</sup>, YSHS08, YS01, ZV13, ZBvH<sup>+00</sup>, dMGPT<sup>+14</sup>, vdLBB<sup>+02</sup>, 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, 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, WGWW11, 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, HMH<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]. **bachei** [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>+14</sup>, GSM<sup>+08</sup>, LDG94, MDC<sup>+10</sup>, ADGA01, ABB<sup>+01</sup>, AGD96, BDW<sup>+96</sup>, BBR<sup>+96</sup>, BSM01b, BHC<sup>+01</sup>, BL04, BD06, BK96b, BGMH01, CRD01, CPF<sup>+14</sup>, CBF01, CHV09, CBS<sup>+01</sup>, DVC14, DPS<sup>+14</sup>, DL01, DC06, FC01, GDE<sup>+96</sup>, GTTKB14, GNG<sup>+22</sup>, HSR<sup>+23</sup>, HRSJ23, HLNO96, HF01, HNCW23, IAA96, JRJ<sup>+22</sup>, JKJ<sup>+22</sup>, JCF<sup>+06a</sup>, JCF<sup>+06b</sup>, LCD01, LMDW06, LB96, LM96, LCR<sup>+96</sup>, LM01, LBB<sup>+06</sup>, LPS14, LLW01, MRRG23, MB96, MS01, MC06, MB01, MPH<sup>+22</sup>, MLW<sup>+01</sup>, MTK<sup>+14</sup>, MO96, MT96, NLHB01, NDE14, NDG96, NPA<sup>+22</sup>, PWMC01, PTD<sup>+14</sup>, PMG<sup>+22</sup>, RPJ<sup>+06</sup>, RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TMTR14, TLW<sup>+94</sup>, WPLN96, WMS<sup>+96</sup>, WB96, WBBM01, WBML06, WBI<sup>+01</sup>, WOU06, YO96]. **Banks** [DPK<sup>+14</sup>, DKP<sup>+14</sup>, PDK<sup>+14</sup>, DMS<sup>+10</sup>, SMD06]. **Banzare** [WMP<sup>+11</sup>]. **Baranof** [SBK<sup>+16</sup>]. **Barbara** [GBG15, KTL<sup>+00</sup>, MPB<sup>+18</sup>, OS04, Thu98]. **barbatus** [CBK<sup>+22</sup>]. **barcode** [ABE<sup>+11</sup>, BOJ<sup>+10</sup>, JBOH10]. **Barcoding** [DLB<sup>+11</sup>, OBPY10, BHK<sup>+10</sup>, HNS<sup>+11</sup>, WBCB06]. **Barents** [PTP09, PKA95, AI09, CZP<sup>+08</sup>, CDRA08, DEJ08, DYEJ08, HK08, KBE<sup>+04</sup>, LSHB09, LD07, MA09, MR08, NVBJ08, ODR<sup>+09</sup>, PAR<sup>+08</sup>, RRWR08, RMC<sup>+08</sup>, RWRS08, SEN<sup>+95</sup>, SNW08, SESS08, TRH<sup>+08</sup>, TOSH08, WCB08, YD09, Ynd09, ZCP<sup>+08</sup>, ZNPR09]. **Barite** [HZMH07, PG07]. **Barite-forming** [HZMH07]. **Barium** [DJS<sup>+08</sup>, GF97, DSO<sup>+97</sup>, DC96, NISG05, PHS<sup>+17b</sup>]. **Barkley** [JMM<sup>+13</sup>]. **Barnard** [RMBW07]. **Baroclinic** [PN93, AGHS04, KAW<sup>+16</sup>, LH08, LBB11, SHA04]. **barotropic** [AGHS04, KAW<sup>+16</sup>, SJL05]. **barred** [WYL<sup>+20</sup>]. **barriers** [BHC<sup>+17</sup>, GGI03, YSC<sup>+20</sup>]. **Barrow** [LMM<sup>+17</sup>, LRDS18, OACA19, PNL<sup>+19</sup>, PPL<sup>+19</sup>, RLB<sup>+18a</sup>, SP19b]. **base** [BBS<sup>+20</sup>, NCSB<sup>+98</sup>]. **Based** [SSH<sup>+11</sup>, AH17, ALH<sup>+01</sup>, Arm06, BCBB12, BLBW<sup>+11</sup>, BSN18, BJP<sup>+22</sup>, BGMH01, CDDC03, CDM23, CC03, DIM<sup>+12</sup>, DGT<sup>+17a</sup>, DFMW13, DW15b, Eks07, EHB19, EMV09, GMCR18, GSC<sup>+19</sup>, GKB19, GAHD<sup>+17</sup>, HLC<sup>+16</sup>, HPH<sup>+16</sup>, HIN<sup>+02</sup>, HXC<sup>+22</sup>, HAD19, ITM<sup>+12</sup>, ITK<sup>+16</sup>, JBOH10, JDL<sup>+22</sup>, JBD<sup>+09</sup>, KOS<sup>+16</sup>, KR11, KY17, KHT<sup>+20</sup>, LXWC21, LPM<sup>+19</sup>, LCL<sup>+10</sup>, MGJ<sup>+18</sup>, MDTS08, MPH<sup>+16</sup>, MARFP08, MBMGK08, MRM<sup>+12</sup>, MLG<sup>+04</sup>, NKE11, NAT<sup>+12</sup>, NGF09, NHS<sup>+13</sup>, OTNT05, PCT18, PTD<sup>+17</sup>, PJLO<sup>+17</sup>, PCP<sup>+17</sup>, PFAZL09, QQJ<sup>+21</sup>, ROPB03, RSB<sup>+17</sup>, RSW<sup>+13</sup>, RTC<sup>+07</sup>, RDSA<sup>+21</sup>, SIA<sup>+05</sup>, STJ<sup>+08</sup>, SAA<sup>+17</sup>, Sch02a, SRAs<sup>+24</sup>, SNMH18, SLP<sup>+09</sup>, STP<sup>+16</sup>, SVS<sup>+20</sup>, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, TSS<sup>+02</sup>, TCM<sup>+22</sup>, TT05, TTU01, TSSR20, TdFAL19, TTL<sup>+16</sup>, VSGGPR14, VvdLS11, WMH<sup>+07</sup>, WZC<sup>+19</sup>, WLC99, WCL<sup>+15b</sup>, WPFB11, ZQ97, ZHM<sup>+24</sup>, ANL13, CTW<sup>+20</sup>, GDD<sup>+09</sup>, PBG<sup>+10</sup>]. **Baseline** [MAH<sup>+12</sup>, CM99b, HRM<sup>+18</sup>, MPB<sup>+18</sup>]. **baselines** [LGP<sup>+15</sup>]. **Basin** [Ano96f, Ano05b, ASV18, BSM01a, BTP<sup>+18</sup>, CSG<sup>+15</sup>, CHL<sup>+95</sup>, DLL<sup>+15</sup>, Gol18, GH05, GHS09, GC18, HAH<sup>+01</sup>, HB19, MB18, MML06, MW05b, MTMK<sup>+13</sup>, MPB<sup>+18</sup>, NRH<sup>+06</sup>, OGG<sup>+20</sup>, PUP<sup>+07</sup>, PFAZL09, SBQ<sup>+02</sup>, Sot09, Thu98, ZT00, ZB00, ACBV<sup>+18</sup>, BMD<sup>+17</sup>, BGS09, CKH<sup>+05</sup>, CHN<sup>+10</sup>,

DM16a, DC08, DKP<sup>+17</sup>, EFR<sup>+19</sup>, Ell93, GKH<sup>+07</sup>, GBPB<sup>+13</sup>, GHD<sup>+18</sup>, HC05, HBV19, HBVG20, HBVG22, HWJ20, IFFGL<sup>+04</sup>, iTT<sup>+15</sup>, KM05a, KK20, KMO09, LMS09, MGE13, Mar13, PNLFS02, PNLFS03, SVKT20, SMG<sup>+07</sup>, WC06a, YHK15, DSW20, ABG<sup>+20</sup>, AZK<sup>+20</sup>, AFM93, AHK99, ALT<sup>+13</sup>, AKHR<sup>+20</sup>, BW93, BN04, BIH10, Bor01, BCP<sup>+15</sup>, BLP<sup>+15</sup>, BRSB16, CHW<sup>+12</sup>, CB00b, DB05, DH97, DZL<sup>+17</sup>, DQSF02, EMV09, FSM93, FKW01, GBG15, GBO01, GMC<sup>+12</sup>, HKR<sup>+01</sup>, HZL<sup>+12</sup>, HFM<sup>+02</sup>, HO99, JSP<sup>+17</sup>, KNK15, KWA<sup>+20</sup>, KME18, KKK<sup>+17</sup>, KTL<sup>+00</sup>, KHL<sup>+01</sup>, KVPK20]. **Basin** [Kos01, KFW01, KH10, KWH<sup>+05</sup>, KHH<sup>+17</sup>, LF07, Led93, LWL<sup>+16</sup>, LKTS01, MWS<sup>+15</sup>, MBI<sup>+10</sup>, MA18a, MF93a, MySHD01, MAR<sup>+17</sup>, MWW<sup>+05</sup>, MKKF18, MKVT<sup>+04</sup>, MSBS01, ÖHÜ<sup>+93</sup>, PG97, PPRLO2, PVRA07, RBA<sup>+01</sup>, RWG93, RSN01, SMB<sup>+93</sup>, SdS01, SA18, SLM<sup>+20</sup>, SSI19, SM01, STWW01, TSP<sup>+18</sup>, TTW<sup>+05</sup>, TCG<sup>+18</sup>, ULH<sup>+21</sup>, WWL02, WEB93, Wea93, Wei15, dSSB<sup>+01</sup>]. **Basin-scale** [HAH<sup>+01</sup>, NRH<sup>+06</sup>, SMG<sup>+07</sup>]. **Basin-wide** [DLL<sup>+15</sup>, MW05b]. **Basins** [DLHH11, CRS<sup>+19</sup>, GK16, KMK<sup>+20</sup>, KMKA20, LVJC17, MS11, PVK<sup>+20</sup>, SvdLM95, SKKM20, SJA<sup>+97</sup>, TKP<sup>+20</sup>, vCHM18, VVTM97]. **Basinwide** [DSC<sup>+01</sup>]. **basis** [Tho04]. **bassana** [GMD07]. **batch** [MNB02]. **batch-culture** [MNB02]. **Bathyal** [BJA13, CSCP13, CLJ<sup>+13</sup>, FS14, LAJP13, PP13, ARB<sup>+13</sup>, BGB08, CC13, CBW01, Dau18, DND04, EGMB13, GM22, GBBS00, Gri13, HSR<sup>+22</sup>, HTD13, JT07, Kam13, KCM<sup>+14</sup>, KPBK08, LG98, LBB<sup>+07</sup>, LPS14, Mar18, MCD<sup>+09</sup>, PHS17a, PRSS23, RJT11, SW09, WSF<sup>+24</sup>]. **bathyal-abyssal** [Dau18]. **Bathycallisoma** [LMLJ18]. **Bathyconchoecetta** [CB18]. **Bathylagus** [LZL<sup>+22</sup>]. **Bathymetric** [MC15, PC98, RE98, RHM13, CLW<sup>+23</sup>, CSF<sup>+12</sup>, GJ11, MBMM<sup>+99</sup>, OBKA17, QSA<sup>+09</sup>]. **Bathymetry** [PS03, Bol08, MP94, RCF<sup>+08</sup>, RKB18, SC10, ZDO19]. **bathypelagic** [BHS<sup>+10</sup>, CHN<sup>+10</sup>, GD07, KSS00a, LTG<sup>+09</sup>, NTA<sup>+10</sup>, OGBF08, RSR10, SNS10, YLD09]. **BATS** [Ano96g, BMK96, CRR01, DGN96, GOP<sup>+01</sup>, KM96, MHS01, OLG<sup>+01</sup>, SCB<sup>+01</sup>, SMB03, AL13, HBCO01, HA96, Lip01, SMA01]. **Bay** [ARW<sup>+04</sup>, ADG<sup>+08</sup>, BLO<sup>+17</sup>, CHM<sup>+17</sup>, CCZ<sup>+21</sup>, CLW<sup>+23</sup>, CMW<sup>+08</sup>, CWJ99, CDT11, DDLK06, DTP<sup>+05</sup>, DWHM06, FJF<sup>+11</sup>, FMS08, FS14, GBDM<sup>+14</sup>, GSF<sup>+19</sup>, GSF<sup>+20</sup>, HLR<sup>+09</sup>, HWTN22, HVBO08, HBO11, JCP<sup>+22</sup>, KL06, KKD06, KC00, KD00, LBM<sup>+17</sup>, LPAR24, LPS14, MDTS11a, MMTT<sup>+20</sup>, MBW<sup>+08</sup>, MLH<sup>+22</sup>, NKA<sup>+11</sup>, OC00, PLRV22, PC00, PC18, PEC<sup>+04</sup>, PKA05, RAC<sup>+20</sup>, RLP<sup>+98</sup>, RCF<sup>+08</sup>, RBS<sup>+17b</sup>, SRS<sup>+20</sup>, SHD<sup>+14</sup>, SFW08, SRC98, SJD<sup>+11</sup>, SAB<sup>+07</sup>, TDKA05, UPS04, WCD<sup>+09</sup>, WDKC00, ZHY<sup>+13</sup>, TMC<sup>+14</sup>, ZGW<sup>+23</sup>, AML<sup>+19</sup>, ARWM13, Ake19, AGGdC14, AVS<sup>+20</sup>, AHV<sup>+17</sup>, BSMV03, BLO04, BH99a, BPF<sup>+03</sup>, BS21, BFG<sup>+10</sup>, BMT20, CFR<sup>+14</sup>, CFL<sup>+99</sup>, CMP14, CCP<sup>+18</sup>, CRF04, Cha03, CRP<sup>+05</sup>, CWL<sup>+23</sup>, DAKR20, DHCV19, DGP20, DS24, DT08, EHB19, EWP<sup>+99</sup>, EEAA<sup>+19</sup>, ERB<sup>+99</sup>, ER05, FGF<sup>+14</sup>, FCP99, GSP14, GMR<sup>+05</sup>, GLM04, GSM<sup>+20</sup>]. **Bay** [GGT<sup>+02</sup>, HdVGHM02, HHH<sup>+14</sup>, HdMR<sup>+99</sup>, HKFL03, HTW14, HCG19,

IDSM04, IKQU03, JLM20, JRKR19, JCP05, JMW+20, JWCC99, KWF+19, KCA05, KSB+03, KVL+19, KDSR19, LCD+24, LUV99, LFPC14, LAB+17, LCL+22, MGR+03a, MDTS11b, MPH+05, MLH14, MDSA19, MSB+03, NSKG96, NWZL23, PCT18, PLRV22, PDT11a, PS20, PLA+17, PS19, PLPS98, Pin93, PGS14, PWJF20, PFW+20, PPM02, PP20, PSWF19, RH99, RDL+09, RHPC+19, RRS+98, RSSM19, RBCG10, SSSN19, SP19a, SSSC19, SLP+09, SGJ+20, SP09, SRA+09, SGI+19, SWDB+14, SMS03, Sor99, SE14, UIS+03, VLSS+04, VJP+10, VMB17, VDS+20, VLP+17, WMB+08, WTJ+19, Yu03, ZP04, dLC+14, dMCNC99, vdBGM+17]. **Bay/California** [HLR+09]. **Bayesian** [KG20, Pas18, PFAZL09, SVS+20]. **be** [CHG15, EBG+15, KBB07, OSM+20, AFB+94, CAFK03b, CLGM05, YKS03]. **beaches** [LMH+18]. **beaked** [BCT21, RAT+13]. **Beam** [CGR+96, CWD+10, DBBWH20, DO96, MP94, NCSB+98, SWR+95]. **beamforming** [MT98]. **bearded** [CBK+22]. **bearing** [AS01a, CC13, LCK+18, NCK+22, OCG+09, PBVC+16]. **Beaufort** [AGP05, BHMC05, BBH05, CMV+20, EGG+05, FNS20, Gra09, HCS05, LGC+12, LPM+19, LFC16, OCP18, PCAS05, PPF+15, CMNO23, DB05, GNB+17, LRDS18, MSM10, SFH+18, WDM+05, WCC05]. **Béchervaise** [NCR+08]. **bed** [HvH04, LB14, Zim09]. **Bednarsek** [PTMH16]. **beds** [BBS+20, KBFH14]. **Before** [Joy16, JR04, ULTL16]. **Behavior** [ANI09, RZL+10, BCF+04, BHBC08, CHPF10, CW97, CP05, DFMW13, EWG94, NSBL94, PP13, RSCFT+13, RSCFT+16, RQNO04, RG06a, RG06b, SMA+17, TLW+94, TT17, VF08, WAN+15, ZWQ+19, ZD04]. **Behavioral** [PCL22, SM12, SFMG13, MT98, VALW23]. **Behaviors** [KPML20, NOT+09, TMH+08, TNS+09]. **behaviour** [ATM+07, BCE+07, BFDB17, BGOL01, CRS+19, CW15, ELP13, EPHE18, GMD07, GSPT13, GJC98, HAGW+13, KKM+10, KYS94, KBR18, MBTM97, PBD+02, RAR04, RTC+07, RCKCK07, TCEW07, UGSK+20, WH01a, WMB+08, WLR+00, YKN07]. **Behavioural** [MCB+15, WHLR13]. **behaviours** [FKW01]. **behind** [AGL+19]. **Belgica** [LDBvdB17, WLA11]. **Belief** [Pas18]. **Bellingshausen** [Ano95b, PAM+04, SMS+08, WLA11, Ald95, AS95, BTR95, BRSIW95, BES95, BOP95, Cri95, Kyt02a, LTW+11, MAH+12, MWB95, OCKA+11, PRA+95, RAF+11, RHB+95, SHGB95, SRF95, TO95, TOP95, WAPL95, WGR+95, WPW95, XAY+11]. **Belt** [OSCS04]. **Beluga** [SFH+18, EF98, SCGB18]. **belyaevi** [SC15]. **benchmark** [XA09]. **beneath** [ADBW16, APP+14, BW99b, HSM11, LGML00, SvdMC+16, SHM+11]. **benefit** [WTT+20]. **Bengal** [Ake19, EHB19, GSF+19, GSF+20, AML+19, AVS+20, BSMV03, BPF+03, BS21, BMT20, Cha03, CRP+05, DAKR20, DGP20, DS24, GMR+05, GSM+20, GGT+02, HKFL03, HCG19, IKQU03, JLM20, JRKR19, JMW+20, KWF+19, KSB+03, KVL+19, KDSR19, MGR+03a, MDSA19, MSB+03, NSKG96, PLRV22, PS20, PS19, PWJF20, PFW+20, PP20, PSWF19, RAC+20, RSSM19, SSSN19, SP19a, SSHB03, SSSC19, SGJ+20, SMS03, SAB+07, UIS+03, VDS+20, WTJ+19, Yu03].

**Benguela** [Ber24, GBP00, RG03, SGD<sup>+14a</sup>, SCGDU09]. **Bentart** [Can06]. **Benthic** [AAG02, BGB08, BG94, BN04, BJSH14, CR06, Can06, CDRA08, CLO9, DDB<sup>+97</sup>, DJC<sup>+14</sup>, EWP<sup>+99</sup>, Har11, HBT<sup>+08</sup>, IBD10, KCZ<sup>+19</sup>, KGB16, KRHS20, MBI<sup>+10</sup>, MS09, MFG<sup>+04</sup>, Pfa93, PHK<sup>+14</sup>, QSA<sup>+09</sup>, RWG93, SMCA01, VSR<sup>+10</sup>, WLM23, vWDB<sup>+01</sup>, AKI<sup>+16</sup>, BGS98, BS98, BB98, BAD<sup>+97</sup>, BW99a, Bla94, BMOW09, BBR<sup>+18</sup>, BFM<sup>+14</sup>, BSP00, BNKJ23, BEZ<sup>+22</sup>, BVV14a, BDG<sup>+04</sup>, BVV<sup>+14b</sup>, BW14, BFS<sup>+17</sup>, CMP14, CDM23, CB18, CBW01, CBS<sup>+01</sup>, CRM<sup>+16</sup>, CSG<sup>+13</sup>, CG04, CKB<sup>+07</sup>, DGN<sup>+17</sup>, DC08, DCR94, DFA<sup>+20</sup>, DGS<sup>+05</sup>, DGT14, FHT<sup>+14</sup>, Gag04, GMR<sup>+09</sup>, GCCG13, GBSL98, GGT<sup>+02</sup>, GRSW00, GHM02, GSB<sup>+03</sup>, GG02, HDK08, HDR<sup>+11</sup>, HT17, HDF<sup>+01</sup>, HZS00, HSM<sup>+01a</sup>, Hil94, HRM<sup>+18</sup>, HWS<sup>+13</sup>, HSC<sup>+07</sup>, JBD<sup>+09</sup>, KPML20, KCTG16, KBKW13, KCY<sup>+16</sup>, KMA<sup>+18</sup>, KSS<sup>+00b</sup>, LEP14, LWM<sup>+09</sup>, LBE06, LCT<sup>+07b</sup>, LRDS18, LT03, LWGS00, Lut09, MRRG23]. **benthic** [MMS<sup>+16</sup>, MC18a, MSD<sup>+18</sup>, MGK19, MSJS08, MGK<sup>+17</sup>, MKH<sup>+05</sup>, MR08, MB08, NCSB<sup>+98</sup>, PDK<sup>+14</sup>, PHS17a, PSK00a, PGPP<sup>+13</sup>, PBO<sup>+11</sup>, PDTS08, RBA<sup>+01</sup>, RdGM<sup>+09</sup>, RMC<sup>+08</sup>, RSN01, RLG07, RPZ<sup>+14</sup>, SSSN19, SCD14, SNPS01, SS09, SKdS<sup>+14</sup>, SBD<sup>+97</sup>, SHM<sup>+20</sup>, SHM<sup>+01</sup>, SLZ<sup>+16</sup>, SSR<sup>+14</sup>, SP06, SBS<sup>+08</sup>, SNK07, TDCV<sup>+06</sup>, WHF<sup>+19</sup>, WSF<sup>+24</sup>, WWC<sup>+19</sup>, WACGH11, Wil08, WGMC14, WTA<sup>+18</sup>, WP00, WSB<sup>+09</sup>, WZB<sup>+14</sup>, XSM<sup>+19</sup>, Sor99]. **benthic-pelagic** [CBS<sup>+01</sup>]. **bentho** [CA06b, DBBWH20, SMD06]. **bentho-pelagic** [CA06b, DBBWH20, SMD06]. **Benthocometes** [GPCC<sup>+17</sup>]. **benthopelagic** [CM00, CMH09, PCP<sup>+17</sup>]. **Benthos** [BHMK08, RK08, SJD<sup>+11</sup>, CA06b, CLGM05, DSD12, JMM<sup>+13</sup>, MBP<sup>+20</sup>, SL94, GG02]. **Benthosema** [WL20]. **berglax** [PK08]. **Bering** [CSE<sup>+22</sup>, CCL<sup>+14</sup>, CCS<sup>+16</sup>, CHH<sup>+21</sup>, CBSS02, DTWF17, DKZP16, ENM<sup>+16</sup>, GCCG13, HCAK17, KKSA19, LS12, Lin16, LWJR22, LMC<sup>+12</sup>, MG22, MiSW08, MSRM08, RKM23a, RD02, SKS<sup>+16</sup>, SSDA13, SH02, SDK<sup>+16</sup>, SWSL14, SWG14, VSM17, WSB13, ZFP<sup>+16</sup>, AM22b, ATJ05, Ala22, AP22, ASF<sup>+16</sup>, ATN<sup>+12</sup>, AKI<sup>+16</sup>, AM07, BDR16, BH14, BFD<sup>+23</sup>, BZ20, BMK<sup>+13</sup>, Blo02, BA02, BEZ<sup>+22</sup>, BZMC20, BWC<sup>+02</sup>, BOKA16, CHW<sup>+12</sup>, CAS<sup>+16</sup>, CMNO23, CG07, CP22, CDRB16, CMC<sup>+05</sup>, Cok16, CKS05, CLPL<sup>+09</sup>, CJF<sup>+12</sup>, CSG<sup>+13</sup>, CGG<sup>+19</sup>, CP02, CBK<sup>+07</sup>, CKB<sup>+07</sup>, CPEN08, CBK<sup>+22</sup>, CMB12, CML<sup>+14</sup>, DF16, DEL<sup>+17</sup>, DAA<sup>+20</sup>, DSD12, DDAH<sup>+14</sup>, DC12, DGK<sup>+22</sup>, DABF<sup>+16</sup>, ENM<sup>+14</sup>, EGL<sup>+16</sup>, EZB<sup>+20</sup>, EBG<sup>+22</sup>, ESWL20, ESDM13, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, FBB<sup>+13</sup>, FHAH16, FMC<sup>+20</sup>, FJR<sup>+20</sup>, FWZM12, FZW<sup>+13</sup>, FAMY20, GEP<sup>+16</sup>, GdRGH<sup>+14</sup>, 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]. **Betamorpha** [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>, 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** [DS24]. **BGC-Argo** [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>+18</sup>, HFP94, LSUB94, MBG18, OGRdO18, Pas18, PHE<sup>+18</sup>, RTFB09, SPF<sup>+94</sup>, VCR02, Wal94a, WAM<sup>+18</sup>, Wir94, vRPD<sup>+18</sup>]. **bights** [PMM<sup>+94</sup>]. **bijuga** [RRS<sup>+98</sup>]. **billed** [TMH<sup>+08</sup>, WTI<sup>+20</sup>]. **billfish** [CWSH20, YHC<sup>+11</sup>]. **billfishes** [LH15]. **Bimodal** [LL14]. **binding** [BBB13, GBL<sup>+08</sup>, Sei13]. **Bio** [Ano07c, BRPI02, FCG18, Fig02, FWM<sup>+11</sup>, HBM<sup>+07</sup>, KGB06, MAA<sup>+04</sup>, MAA<sup>+05</sup>, Pon07, PVT<sup>+21</sup>, RTM<sup>+20</sup>, SWO<sup>+01</sup>, dCHdOF<sup>+18</sup>, AL98, ARLB00, ANS<sup>+11</sup>, BBLs14, DMS<sup>+98</sup>, DNK<sup>+08</sup>, ELP13, HWS<sup>+98a</sup>,



IHSS<sup>+10</sup>, JBB<sup>+13</sup>, KMD<sup>+99</sup>, KFS<sup>+17</sup>, KBE<sup>+04</sup>, LBV<sup>+08</sup>, MFH04, NTK<sup>+09</sup>, PTA<sup>+99</sup>, SSI<sup>+99</sup>, SCM<sup>+08</sup>, WMC06, WTSP07, MPS<sup>+21</sup>, PPR<sup>+20b</sup>]. **bio-**[LBV<sup>+08</sup>]. **Bio-Argo** [PVT<sup>+21</sup>, MPS<sup>+21</sup>, PPR<sup>+20b</sup>]. **bio-availability** [NTK<sup>+09</sup>]. **bio-diversities** [KFS<sup>+17</sup>]. **bio-loggers** [JBB<sup>+13</sup>]. **Bio-logging** [Ano07c, HBM<sup>+07</sup>, Pon07, ELP13]. **Bio-optical** [BRPI02, FCG18, Fig02, FWM<sup>+11</sup>, KGB06, MAA<sup>+04</sup>, MAA<sup>+05</sup>, SWO<sup>+01</sup>, AL98, ARLB00, DMS<sup>+98</sup>, DNK<sup>+08</sup>, IHSS<sup>+10</sup>, KMD<sup>+99</sup>, KBE<sup>+04</sup>, MFH04, PTA<sup>+99</sup>, SSI<sup>+99</sup>, SCM<sup>+08</sup>, WTSP07]. **bio-optics** [BBLS14, HWS<sup>+98a</sup>]. **Bio-physical** [RTM<sup>+20</sup>, dCHdOF<sup>+18</sup>, ANS<sup>+11</sup>, WMC06]. **Bioaccumulation** [BIP<sup>+02</sup>, KSDE16]. **Bioactive** [BLO<sup>+17</sup>, NEN<sup>+07</sup>]. **Bioavailability** [GWZ16, DB05, NKF<sup>+10</sup>]. **bioavailable** [Rai11]. **biochemical** [ABC<sup>+04</sup>, BHS<sup>+10</sup>, CKJ<sup>+16</sup>, CKL03, DM16a, FLLGR04, HJS<sup>+10</sup>, HPL<sup>+12</sup>, JKP<sup>+17</sup>, KJL<sup>+17</sup>, MiSW08, PVK<sup>+20</sup>]. **Biocomplexity** [NL11]. **biodegradability** [BS01]. **Biodegradation** [SKD<sup>+16</sup>, LAPL<sup>+16</sup>]. **Biodiversity** [AFC<sup>+17</sup>, CPA<sup>+11</sup>, DCH04, GLMB18, GBD<sup>+11</sup>, LGBC06, MB13, MCB18, MDC<sup>+10</sup>, MBG<sup>+24</sup>, NG10, SLdB<sup>+15</sup>, ALSF<sup>+17</sup>, BDG<sup>+04</sup>, BBB<sup>+07</sup>, BE09, BEB11, BM15, CHS17, EMG<sup>+15</sup>, EAB<sup>+20</sup>, GCKC07, GDC11, LMG17, LdSN<sup>+18</sup>, Lut09, MWF<sup>+19</sup>, NG07, OFV09, OPDM11, PGZ<sup>+09</sup>, RE98, RKB18, Rog00, SGB14, SO98, SV09, Sig17, SLM98, TDCV<sup>+06</sup>]. **Bioenergetic** [MBC<sup>+09b</sup>]. **bioenergetics** [DSBS20, KKUK10]. **bioerosion** [BFT10]. **biofilms** [BGCH20, OGG<sup>+15</sup>]. **Biogenic** [BAD<sup>+97</sup>, Cri95, KNB11, QB02, RGTV97, VQ97a, VQ97b, ZWC<sup>+15</sup>, AAMF<sup>+02</sup>, BSB<sup>+99</sup>, BBA<sup>+01</sup>, CAFK03a, CDH<sup>+00</sup>, DURP03, DeM02, DBN<sup>+11</sup>, FBS94, FGW02, FPB04, GRD<sup>+08</sup>, GBP00, HTML98, HML99, HM93, ITK<sup>+16</sup>, JDS<sup>+08</sup>, KBV<sup>+97</sup>, KWW<sup>+12</sup>, KLD21, LGHD20, LSST20, LQF<sup>+02</sup>, MHB<sup>+95</sup>, MDT<sup>+08</sup>, NAB<sup>+02</sup>, NW01, NRM<sup>+99</sup>, PSK00a, RBP<sup>+94</sup>, RSR<sup>+00</sup>, SSH<sup>+02</sup>, SVC<sup>+08</sup>, SVR<sup>+00</sup>, SMCA01, SL94, SNIT02, STD<sup>+20</sup>, SBD<sup>+97</sup>, SAB<sup>+07</sup>, TRWB99, VSR<sup>+00</sup>, WKM<sup>+07a</sup>]. **Biogeochemical** [Ano99a, Ano05c, AMN<sup>+02b</sup>, BMO93, CGG<sup>+12</sup>, CMW<sup>+05</sup>, CW97, CVM<sup>+01a</sup>, CVM<sup>+01b</sup>, DCSV19, GHGMI05, HWC07, JBS<sup>+10</sup>, MGS<sup>+10</sup>, QTPS97, STN<sup>+09</sup>, SDKH03, SHC<sup>+00</sup>, SMB03, TIKS03, ZHX<sup>+16</sup>, BSG<sup>+11</sup>, Bat01, BTFB12, BNM08, BGS<sup>+08</sup>, CM03, CLMK13, CWS<sup>+23</sup>, CL09, DRD06, DZY<sup>+01</sup>, DGR19, DGT14, FML<sup>+93</sup>, Gai97, Gre01, GGSC03, HKR<sup>+01</sup>, HMGD17, HLL<sup>+10</sup>, Hat02b, Hei02, HLM<sup>+01</sup>, JBC<sup>+21</sup>, KHL<sup>+15</sup>, LWLS98, LCS<sup>+06</sup>, LPSS03, LCL<sup>+10</sup>, LBJ<sup>+13</sup>, MGH<sup>+16</sup>, MDTG13, NC97, PMJ20, PLR02, RTFB09, SKM01, SSP<sup>+06</sup>, SH10, SLP<sup>+17</sup>, TVL<sup>+00</sup>, TO95, TCH<sup>+16</sup>, VGZ<sup>+19</sup>, VCG<sup>+20</sup>, WCMB06]. **biogeochemistries** [GMLB99]. **Biogeochemistry** [Bau02, HC01, MGR<sup>+03a</sup>, NG07, WSLC15, XGF18, AF01, BBLS14, Boy02, BG09a, BAR<sup>+02</sup>, CVM<sup>+01b</sup>, CW09, CCFL01, DGK<sup>+22</sup>, DKS03, DWJ<sup>+15</sup>, GAL<sup>+12</sup>, GAL<sup>+20</sup>, JAM<sup>+14</sup>, KGHA<sup>+01</sup>, KGB06, LCvdM<sup>+16</sup>, MSD<sup>+18</sup>, MNPT06, NTA<sup>+10</sup>, NL11, PLS<sup>+10</sup>, PL00, RZS<sup>+16</sup>, RSA<sup>+10</sup>, SM96a, SDB<sup>+97</sup>, SCB<sup>+01</sup>, SBvdL<sup>+02</sup>, VCSM09, WWW<sup>+02</sup>, WKM<sup>+07c</sup>, WRS99].

**Biogeographic** [Wat09, CPF<sup>+14</sup>, PB08, WSF<sup>+24</sup>, WAP<sup>+18</sup>].  
**Biogeographical** [STD<sup>+20</sup>, AM22b, BVB14a]. **Biogeography** [CHG20, JNBJ17, KB15, PWN<sup>+11</sup>, RLGG07, SO98, BCVCHW04, BTM<sup>+98</sup>, BKS<sup>+10</sup>, GO10, GCKC07, GAJ<sup>+13</sup>, HPN<sup>+12</sup>, HXC<sup>+22</sup>, LGBC06, OA11, TB98].  
**biogeography-based** [HXC<sup>+22</sup>]. **Biography** [EG96]. **Biological** [CGG<sup>+19</sup>, DPLB94, Dia04, EMB<sup>+22</sup>, EDF<sup>+04</sup>, ECD<sup>+17</sup>, GMCF19, Hin09, KTP<sup>+20b</sup>, KCO<sup>+19</sup>, LMDW06, MQ01, MPH<sup>+95</sup>, MLS<sup>+06</sup>, MK19, PST<sup>+05</sup>, SID19, SVS<sup>+20</sup>, SBB<sup>+19</sup>, TRM<sup>+07</sup>, AST<sup>+05</sup>, ACFS02, ANS<sup>+11</sup>, ARF<sup>+13</sup>, BNM<sup>+07</sup>, BL99, BLSW05, BB09, BNM08, BCW03, BLD<sup>+06</sup>, BL08, BHS<sup>+10</sup>, CCG04, CHU<sup>+00</sup>, CBSS02, CWTJ03, CPC<sup>+03</sup>, CL09, CJM<sup>+22</sup>, DLR<sup>+01</sup>, Dan95, DSN<sup>+10</sup>, DHS<sup>+14</sup>, DP07, DP99, DGN96, DGT14, DJC<sup>+14</sup>, DC96, ELB<sup>+02</sup>, Eck94, FVSR14, FC01, GMR<sup>+05</sup>, GLF<sup>+03</sup>, GFW07, GHB<sup>+05</sup>, HV98, HBC<sup>+23</sup>, HIA<sup>+16</sup>, HIN<sup>+02</sup>, HKMS03, HBM<sup>+07</sup>, HAD19, JCD<sup>+03</sup>, JAM<sup>+14</sup>, KSBK01, KBVM13, KRG<sup>+01</sup>, KND<sup>+08</sup>, LBSB<sup>+17</sup>, LR97, LBD<sup>+02</sup>, LAP<sup>+17</sup>, LMG17, LDG94, LNDH<sup>+17</sup>, MSF<sup>+22</sup>, MALT05, MBLM03, MKS<sup>+20</sup>, MNR<sup>+11</sup>, MPH<sup>+16</sup>, MFE<sup>+02</sup>, MWB95, NKD<sup>+08</sup>, NPBS00, NW01, NZT97, PBFS06, PWITH15, PWMC01, PPRHLF02, PGK14, RLB<sup>+18a</sup>, RPB02].  
**biological** [RB06, RSB<sup>+17</sup>, RD16, SM00, SH99c, SRC98, SNMH18, SFV<sup>+98</sup>, SMSA05, SCQ<sup>+09</sup>, SYB<sup>+11</sup>, TSS<sup>+02</sup>, Tho04, TLMT97, WRZ<sup>+19</sup>, WHNS04, WB96, WBBM01, YHC<sup>+11</sup>]. **biological-physical** [DGN96, LDG94].  
**biological/oceanographic** [CHU<sup>+00</sup>, NPBS00]. **biological/physical** [DP99]. **biologically** [CWWB04, FLTV97]. **Biology** [BKPA06, CG15, DCA<sup>+98</sup>, GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>, MBD<sup>+17</sup>, PDH<sup>+11</sup>, Urb20, CHS17, FARLR<sup>+13</sup>, GTSC08, HSBT19, KP10, LH08, MT11, MEB<sup>+23</sup>, NB10, Phi17, QRE<sup>+17</sup>, ROS<sup>+17</sup>, SCB<sup>+01</sup>, TPW07, VAM97, WYL<sup>+20</sup>].  
**Bioluminescence** [MBC<sup>+09a</sup>, HIK<sup>+08</sup>]. **bioluminescent** [GDD<sup>+09</sup>].  
**biomagnification** [FHT<sup>+14</sup>, FTT<sup>+17</sup>]. **Biomarker** [LLH<sup>+15</sup>, BNP<sup>+09</sup>, PDS00, SHS<sup>+12</sup>, WPHL02]. **Biomarker-derived** [LLH<sup>+15</sup>]. **biomarkers** [BGG<sup>+09</sup>, FBBW<sup>+10</sup>, SNIT02, WHL<sup>+97</sup>, WLP<sup>+09</sup>, YBHM05]. **Biomass** [GLLC04, HWN<sup>+04</sup>, HKY<sup>+16</sup>, KRB95, LDHI93, MSK<sup>+06</sup>, NMC<sup>+07</sup>, RHB<sup>+04</sup>, TLY11, VALM17, WDKC00, Ake19, ACBMQ08, AGAB19, ALR<sup>+14</sup>, ASFI02, BMHR08, BPD<sup>+11</sup>, BSK<sup>+97</sup>, Bec97, BWS<sup>+98</sup>, BGB08, BDL<sup>+14</sup>, BSSK<sup>+08</sup>, BL00, BH97, BSL08b, BFS<sup>+17</sup>, BL01b, CTBNL08, CSW<sup>+17</sup>, CLSS15, CAC<sup>+97</sup>, CJF<sup>+12</sup>, CBK<sup>+07</sup>, CPEN08, CBA<sup>+05</sup>, DLLK15, DLR11, Dem04, DC08, DCM<sup>+99</sup>, DB97a, DKI<sup>+00</sup>, ESK06, EGL<sup>+16</sup>, FLLGR04, FMS08, FPB04, FC09, GVW<sup>+19</sup>, GGC19, GS08, GFS99, Gra09, HAH<sup>+01</sup>, HHH01, HZL<sup>+12</sup>, HKN<sup>+04</sup>, HHNK<sup>+04</sup>, HP08, HSZS17, KFG<sup>+03</sup>, KMDW01, KLM<sup>+02</sup>, KMK<sup>+20</sup>, KWW04, KWW<sup>+12</sup>, KSM<sup>+11</sup>, KSS<sup>+00b</sup>, LB07, LAMS<sup>+01</sup>, LDS<sup>+08</sup>, LHD<sup>+22</sup>, LJHAA19, LWSA08, LWAS08, MPZ04, MC05, MPH<sup>+95</sup>, MGHN01, MHS01, MC09, MBMM<sup>+99</sup>, MGK19, MNSMN<sup>+04</sup>, MAT<sup>+12</sup>, MNV<sup>+20</sup>, MPTW11, NMK<sup>+20</sup>, OHK<sup>+02</sup>, PF02, PAVGBG02, Pee97, PHH<sup>+06</sup>, RRMM05, RVJG<sup>+02</sup>].  
**biomass** [RVJG<sup>+05</sup>, RWN<sup>+08</sup>, SCD14, SOS01, SBSH99, SBP13, SMHB00,

SDKH03, SMS<sup>+08</sup>, SWSL14, SNW08, SPH<sup>+08</sup>, TOSH08, TSW<sup>+12</sup>, TLSW15, TRB98, UKM16, VSGM03a, VSGM03b, VGBGPA02, VFS02, VSS<sup>+93</sup>, WSE<sup>+16</sup>, WMW<sup>+20</sup>, WZW<sup>+95</sup>, WJD<sup>+00a</sup>, WJD<sup>+00b</sup>, WGG98, Yal01, YCA<sup>+20</sup>, YBC<sup>+17</sup>, ZJH08, ZSKL19, ZWJ<sup>+19</sup>, ZXLL10, vC97]. **biomes** [SDB<sup>+18</sup>]. **biomimetic** [AWL<sup>+09</sup>]. **biominerals** [ILWH03]. **BioOptics** [SWO<sup>+01</sup>]. **Biophysical** [GWR93, SRW<sup>+10</sup>, YSC<sup>+20</sup>, DS24, HHD<sup>+09</sup>, HGB<sup>+13</sup>, HGB<sup>+16</sup>, HCG<sup>+09</sup>, JRG<sup>+22</sup>, Rai14, SS05a, SS05b, SHB14, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>]. **Biopolymer** [TGRB02]. **bioproductivity** [MT15]. **bioregional** [FKS18]. **Bioregionalization** [HSR<sup>+22</sup>]. **bioregions** [WAV<sup>+12</sup>]. **Biosonar** [RAT<sup>+13</sup>]. **biosphere** [GFK24, LWWF18]. **biostratigraphy** [Hus16, IOTS16, OSHB07, TSOT16]. **biota** [GFS99, HTPM14, HDF<sup>+01</sup>, MS18, PSK00a, PFG<sup>+03</sup>, SRB<sup>+11</sup>]. **biotag** [BKST13]. **biotic** [JB01, MPB<sup>+18</sup>]. **biotopes** [DHS<sup>+14</sup>, MG22]. **BIOTRANS** [Pfa93]. **Bioturbation** [GAC<sup>+02</sup>, MMWM00, SKM14a, STWW01, TWG00, CAC<sup>+97</sup>, DCR94, ESDM13, GSW99, MDTs08, PDSS96, SMB<sup>+98</sup>, SLH<sup>+00</sup>, YCT<sup>+22</sup>]. **biovolume** [CLB13, ZSZ<sup>+19</sup>]. **biramosa** [Gol18]. **bird** [CRI18, JVDH08, KRW03, ZPG14]. **birds** [CTH<sup>+98</sup>, GSK96, HDJP05, MK19, SBA18, YSBH06]. **Birstein** [Mal15]. **birsteini** [BPKJ15, GMB18]. **Biscay** [CMP14, CWJ99, FGF<sup>+14</sup>, GBDM<sup>+14</sup>, LPS14, Sor99, AGGdC14, BH99a, CFR<sup>+14</sup>, CFL<sup>+99</sup>, EWP<sup>+99</sup>, EEAA<sup>+19</sup>, ERB<sup>+99</sup>, FCP99, FS14, GSP14, GLM04, HHH<sup>+14</sup>, HdMR<sup>+99</sup>, JWCC99, LUV99, LFPC14, LAB<sup>+17</sup>, PLA<sup>+17</sup>, Pin93, PGS14, RH99, SHD<sup>+14</sup>, SGI<sup>+19</sup>, SWDB<sup>+14</sup>, SE14, VLP<sup>+17</sup>, WC01b, WC01a, dLC<sup>+14</sup>, dMCNC99, vdBGM<sup>+17</sup>]. **Bivalve** [Kam18, BBS<sup>+20</sup>, GGC19, MGK19, TMBTS09]. **bivalves** [BLM<sup>+10</sup>, BSW<sup>+13</sup>, CMVS<sup>+10</sup>, GGCM17, Kam13, Kam15, KCD<sup>+17</sup>, Lin04, SW09, YBC<sup>+17</sup>]. **Bivalvia** [SGB14, BBAL<sup>+20</sup>, KKVP15, LVJC17, vCO09]. **biweekly** [RSSM19]. **Black** [HM06, KBE<sup>+04</sup>, MCK<sup>+19</sup>, CCM<sup>+20</sup>, EWF<sup>+18</sup>, HZWW16, KFTE14, LAÁ<sup>+14</sup>, RVC<sup>+13a</sup>, ROS<sup>+17</sup>, VM13, WSP19, CBBM12, ÇYFB<sup>+06</sup>, ÇYAYT06, ESK06, GLK<sup>+06a</sup>, GLK<sup>+06b</sup>, KFK06, KMLT06, KOR06, MQD06, Mur06, OE06, POI17, RTC06, UFAK06, Uys06, WYPY06, YCD<sup>+06</sup>, YET06, YÇYTKB06]. **black-footed** [WSP19]. **black-legged** [VM13]. **Blake** [SS99a, WMB<sup>+13</sup>]. **Blanco** [BPS00, vGTG<sup>+00</sup>]. **Blanes** [AFC<sup>+17</sup>]. **bleaching** [SYK<sup>+13</sup>]. **Bleeker** [SNH<sup>+23</sup>, SWK<sup>+23</sup>]. **Bligh** [NHH<sup>+13</sup>]. **block** [FR10, MP94]. **Blocking** [SWO10]. **Blood** [Sei13]. **Bloom** [DMJ93, GG93, LDFS93, PSLs07, ARLB00, APL<sup>+23</sup>, AKM<sup>+05</sup>, AS95, BBLS14, BEGC04, BMGF93, BCDV02, BFG<sup>+10</sup>, BM07, BFK<sup>+14</sup>, BL01b, BNFS01, BAR<sup>+02</sup>, CTBNL08, CGM<sup>+07</sup>, CCS<sup>+16</sup>, CKJ<sup>+16</sup>, CWS<sup>+23</sup>, CFL<sup>+16</sup>, CCH95, DD95, DKGT04, DH93, DKQ<sup>+93</sup>, DCC<sup>+01</sup>, FD01, FS02, FBPC01, GWR93, GSB<sup>+23</sup>, HBSL01, HOD<sup>+09</sup>, HHH<sup>+93</sup>, HKY<sup>+16</sup>, IGN<sup>+10</sup>, IHSS<sup>+10</sup>, IPH<sup>+17</sup>, JCF<sup>+06a</sup>, JCF<sup>+06b</sup>, JBM<sup>+08</sup>, KAHS20, KYI10a, KYI10b, KUN10, KIN<sup>+10</sup>, KMO<sup>+10</sup>, KS10, LS14a, LMG93, LDHI93, LL95, LYN<sup>+13</sup>,

LDGH16, LHZJ13, LXS<sup>+13</sup>, LSS<sup>+07</sup>, MSF<sup>+22</sup>, MH93, MFG<sup>+93</sup>, MLH14, MMT08, MSH<sup>+07</sup>, MHP<sup>+07</sup>, MZR<sup>+95</sup>, MSTT07, MKS<sup>+02</sup>, NKF<sup>+10</sup>, NSY04, NRS14, NKB95, NED09, OM14, OCL<sup>+08</sup>, OE06, OHS10, OT10, OS02, ORFA<sup>+14</sup>, PSA14, PA95, PVRA07, RWR<sup>+02</sup>, RMC<sup>+93</sup>, RWZ<sup>+02</sup>, RMPI<sup>+17</sup>, STN<sup>+06</sup>, SLS<sup>+07</sup>, SVC<sup>+08</sup>, SF10, SVS93, SSLA95, SLT<sup>+14</sup>, SPB<sup>+14</sup>, SMGB02, SMGB03, SFB16]. **bloom** [SDLZ13, SKH<sup>+10a</sup>, TS93, TFR<sup>+10</sup>, TSN<sup>+06</sup>, VPA<sup>+20</sup>, VKGP<sup>+11</sup>, VPP07, VSS<sup>+93</sup>, WCH<sup>+93</sup>, WGR<sup>+95</sup>, WABW02, WLD<sup>+06</sup>, WTZ02, WLH<sup>+16</sup>, Wya14, YOK<sup>+10</sup>, YOO<sup>+10</sup>, YK04, YOI<sup>+09</sup>, ZZX<sup>+13</sup>, vdLBB<sup>+02</sup>, BFF<sup>+10</sup>, KCMA05, RFB97]. **bloom-forming** [SKH<sup>+10a</sup>]. **bloom-recurrent** [BFG<sup>+10</sup>]. **Blooms** [Ano05a, KCA05, AMvD<sup>+12</sup>, AGPR95, AKK<sup>+14</sup>, APP<sup>+14</sup>, BLB<sup>+02</sup>, CMBPM04, DLG<sup>+14</sup>, DRD06, DVS<sup>+97</sup>, DPS<sup>+14</sup>, DTP<sup>+05</sup>, GAL<sup>+12</sup>, GAL<sup>+20</sup>, HK08, HKO<sup>+17</sup>, JLR<sup>+13</sup>, LLK05, LvDA14, LPM<sup>+15</sup>, LG15, MPS<sup>+21</sup>, MTK<sup>+14</sup>, OS04, PTD<sup>+14</sup>, PGS14, PSAY20, RBMY14, SAVP12, SSE<sup>+14</sup>, SMSA05, SNW08, SBH<sup>+01</sup>, SFW<sup>+13</sup>, SFZ<sup>+13</sup>, TSZT13, TAL<sup>+12</sup>, TPT05, TMTR14, TB05, TDKA05, VABCR<sup>+24</sup>, YNG<sup>+16</sup>, ZAC<sup>+15</sup>, ZZZ<sup>+16</sup>, ZXH<sup>+13</sup>]. **blowout** [HSB<sup>+16</sup>, Joy16, JBÖ<sup>+16</sup>, LAPL<sup>+16</sup>, WPB<sup>+16</sup>, YNG<sup>+16</sup>]. **blubber** [FPHH<sup>+09</sup>]. **Blue** [BCB<sup>+18</sup>, FRH<sup>+98</sup>, BRG17, BOH<sup>+04</sup>, ECM<sup>+06</sup>, MGJ<sup>+18</sup>, SHW<sup>+04</sup>, SH11b, TSSR20]. **Bluefin** [KHT<sup>+20</sup>, BFDB17, EMEP18, EPHE18, GLCU<sup>+17</sup>, HHMF11, IABR<sup>+17</sup>, KOT<sup>+20</sup>, NDD<sup>+14</sup>, PHE<sup>+18</sup>, RSB<sup>+17</sup>]. **bluntnose** [CW15]. **BNL** [BSP00]. **Board** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, DB16, BM15, HZK<sup>+05</sup>, 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, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g]. **Bodega** [DDLK06, DWHM06, KL06, KKD06]. **Bodies** [Bro19]. **Body** [BZMC20, LBE06, MCBC08, DKP<sup>+14</sup>, GEP<sup>+16</sup>, RE98, VM13]. **Bohai** [NLS<sup>+10</sup>, XZM<sup>+23</sup>]. **boiling** [BAC<sup>+02</sup>]. **boiling-water** [BAC<sup>+02</sup>]. **Bomb** [KMS<sup>+02</sup>, DTB<sup>+02</sup>]. **bombs** [KCTG16]. **Bone** [ALSF<sup>+17</sup>, ACD<sup>+17</sup>]. **Bone-eating** [ALSF<sup>+17</sup>]. **bones** [QRE<sup>+17</sup>]. **boobies** [YKN07]. **border** [YLG<sup>+18</sup>]. **Borderland** [HZMH07, WCK<sup>+18</sup>, HHH<sup>+15</sup>]. **boreal** [DSW20, PFPJ<sup>+09</sup>]. **boreal/Arctic** [DSW20, PFPJ<sup>+09</sup>]. **borealis** [AI09, MHM<sup>+14</sup>, NA09]. **Boreogadus** [CMNO23, CSS<sup>+22b</sup>, DTWF17, EG0022, HTPM14, HCAK17, MEB<sup>+23</sup>, ODR<sup>+09</sup>]. **Börje** [EG96]. **Bornholm** [BRSB16]. **Boston** [MS09]. **both** [HHKH<sup>+04</sup>]. **bottle** [LLB<sup>+00</sup>, LCL<sup>+09</sup>, SGP<sup>+11</sup>, TRM<sup>+15</sup>, ZOB<sup>+96</sup>]. **bottles** [GRC<sup>+03</sup>, SHF<sup>+95</sup>]. **Bottom** [ACSG15, DGN<sup>+17</sup>, GZGH22, GMS<sup>+02</sup>, LB93, NGS<sup>+15</sup>, PHOM09, PG97, SFW<sup>+13</sup>, ABS<sup>+14</sup>, BN05, BRSB16, CBCT09, CIMT19, CMH<sup>+20</sup>, DPK<sup>+14</sup>,

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, LN<sup>+</sup>J00, 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, 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]. **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>+94</sup>, AL13, CMG<sup>+12</sup>, CMT93, CWS<sup>+23</sup>, CML<sup>+14</sup>, DeM02, EOB03, FCG18, FWR<sup>+02</sup>, HXF<sup>+23</sup>, JCD<sup>+03</sup>, JBM<sup>+08</sup>, JWCC99, KMLT06, LTS<sup>+97</sup>, MQ01, RCL<sup>+09</sup>, RH99, SAM96, VGF02, vWMR<sup>+17</sup>]. **budgets** [BAD<sup>+97</sup>, BHS<sup>+10</sup>, CBJ<sup>+23</sup>, DRS10, GSB<sup>+23</sup>, KLKB95, LLLP<sup>+03</sup>, MC13, NAB<sup>+02</sup>, OMY<sup>+03</sup>, RJWD01, SJM02, TWN<sup>+06</sup>, ZQ97]. **buffer** [FHR<sup>+11</sup>]. **build** [DDB<sup>+17</sup>, DSE<sup>+14</sup>]. **build-up** [DDB<sup>+17</sup>, DSE<sup>+14</sup>]. **building** [GIPL<sup>+14</sup>, HSSH23, PSB14]. **Bulk** [CCH95]. **bungii** [KTSI07]. **Buoy** [DDLK06, AGGdC14, KKD06, NMW<sup>+09</sup>]. **buoyancy** [BY09]. **buoyant** [Gou05, Ou05]. **buoys** [Grü99, LMLC<sup>+17</sup>]. **burden** [DKP<sup>+14</sup>]. **burdens** [SW08]. **burial** [ASBM02, Cra97, DTB<sup>+02</sup>, IMP<sup>+02</sup>, KBV<sup>+97</sup>, SMCA01]. **buried** [SSAF02]. **Burnard** [Ano18]. **Bussol** [BAF<sup>+18</sup>]. **bycatch** [LS17, YLG<sup>+18</sup>]. **Bythitidae** [MGN<sup>+18</sup>].

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

DWHM06, DCSV19, FRH<sup>+98</sup>, FEB<sup>+13</sup>, GGAMV<sup>+23</sup>, GMCR18, GO15, GOGCDB18, GMPS04, HS98, HV98, HZMH07, dITGCAB<sup>+03</sup>, HGAB04, HBK<sup>+98</sup>, HV03, JR15, KMLC<sup>+04</sup>, KKMSM12, KLK<sup>+15</sup>, KGKS20, KL06, KKD06, KC00, KD00, KC04, KGB06, LLR<sup>+06</sup>, LO03, LJHAA19, MDB98, MML06, MC18a, MBLM03, MNSMN<sup>+04</sup>, NOLASZ04, NR00, NCSB<sup>+98</sup>, OC00, PBS06, PUP<sup>+07</sup>, PC00, PC18, PK03, PLPS98]. **California** [ROPB03, Reb03, RMB05, RB06, RAL04, RSC<sup>+09</sup>, SVAGRCS04, SLS17, SSL98, SBB06, SM03, SMPSPG<sup>+04</sup>, Sot09, SJ00, SB05, SN00, STS<sup>+15</sup>, TBH09, TB98, Thu98, TCEW07, TMC04, TdFAL19, TAB<sup>+05</sup>, WCD<sup>+09</sup>, WDKC00, WCK<sup>+18</sup>, YSBH06, YLG<sup>+18</sup>, ZT00]. **Callao** [DOLP<sup>+09</sup>]. **Callorhinus** [CRJ<sup>+08</sup>]. **calls** [ŠHW<sup>+04</sup>]. **calm** [MPV<sup>+11</sup>]. **Calocarides** [Mar18]. **Caloric** [WGMCI4, YBC<sup>+17</sup>]. **calorie** [HON<sup>+13</sup>]. **calorie-sheds** [HON<sup>+13</sup>]. **Camarinal** [BAC<sup>+02</sup>]. **Cambrian** [Cha07]. **camera** [BEB<sup>+13</sup>, BEM<sup>+15</sup>, CLJ<sup>+13</sup>, EFR<sup>+16</sup>, JSWB21, KCTG16, KJB<sup>+08</sup>, NCSB<sup>+98</sup>]. **campaign** [DJCF09, KFA<sup>+20</sup>, VJP<sup>+10</sup>]. **Campeche** [BSL08b]. **Campos** [PFAZL09]. **Can** [CHG15, DWG<sup>+15</sup>, DZL<sup>+17</sup>, LLW01, MES<sup>+23</sup>, OSM<sup>+20</sup>, BvGH<sup>+17</sup>, EBG<sup>+15</sup>, KBB07]. **Canada** [BHJ99, HZL<sup>+12</sup>, RSR<sup>+00</sup>, BIH10, BCP<sup>+15</sup>, BLP<sup>+15</sup>, CHW<sup>+12</sup>, DB05, DPK<sup>+14</sup>, DKP<sup>+14</sup>, DTJ<sup>+14</sup>, DCS<sup>+18</sup>, GMC<sup>+12</sup>, HBCG14, JMM<sup>+13</sup>, KH10, MBI<sup>+10</sup>, MPH<sup>+05</sup>, MLH14, MBD<sup>+17</sup>, MSG<sup>+00</sup>, NDE14, PDK<sup>+14</sup>, RSRL00, SJA<sup>+97</sup>, TLKT00, YHK15]. **Canadian** [Ano14, Har06, NLDJ14, SSM<sup>+00</sup>, SE95]. **Canaries** [TAB<sup>+02</sup>]. **Canary** [LRM<sup>+02</sup>, PNLFS03, VLR<sup>+02</sup>, AMN<sup>+02a</sup>, DNH<sup>+02</sup>, HFM<sup>+02</sup>, HGMA<sup>+02</sup>, JRGLJ<sup>+19</sup>, KHGL<sup>+02</sup>, MFN<sup>+02</sup>, PNLFS02, PNLF02, PMLM<sup>+02</sup>, SBH<sup>+02</sup>, ZLOR02]. **CANIGO** [PNLFS02, PNLF02, PNLFS03, BWAS02, LDV<sup>+02</sup>, TPGCCS<sup>+02</sup>]. **Cantabrian** [GASGB<sup>+14</sup>, GBDM<sup>+14</sup>, SGPD<sup>+14</sup>, LPS14]. **cantelli** [CAK15]. **Canyon** [BSL08b, CWJ99, GPMS<sup>+16</sup>, GBDM<sup>+14</sup>, GdSP11, LPS14, MBMM<sup>+99</sup>, MTM<sup>+13</sup>, NKB<sup>+18</sup>, PNL<sup>+19</sup>, PCF<sup>+18</sup>, SGPD<sup>+14</sup>, SW08, ULTL16, vOSG<sup>+11</sup>, DVS<sup>+14</sup>, HBCG14, HD14, KCM<sup>+14</sup>, KSB<sup>+03</sup>, MKKB14, MPV<sup>+11</sup>, MPPR14, MSB<sup>+03</sup>, MMSS14, OPV11, RGS<sup>+15</sup>, SGB14, Thu06, VD98, AFC<sup>+17</sup>, BJSH14, BVGE<sup>+06</sup>, DJC<sup>+14</sup>, EWP<sup>+99</sup>, FBP<sup>+17</sup>, FS14, GSW99, GSdS<sup>+14</sup>, HAC<sup>+14</sup>, JMM<sup>+13</sup>, LUV99, LMM<sup>+17</sup>, LRN<sup>+14</sup>, LRDS18, MS09, MHdS<sup>+11</sup>, dJMTGG11, OACA19, PPT<sup>+10</sup>, PGM<sup>+15</sup>, PPL<sup>+19</sup>, PPM02, RCL<sup>+09</sup>, RLB<sup>+18a</sup>, RSR10, SHD<sup>+14</sup>, SP19b, SR08b, Sor99, WC07a]. **Canyons** [BWH<sup>+17</sup>, BR14, CPA<sup>+11</sup>, DHS<sup>+14</sup>, DLKP14, FPB<sup>+14</sup>, HBCG14, IBK<sup>+11</sup>, KBI<sup>+11</sup>, LSA14, MT11, MM14, MTMH11, MSK<sup>+19</sup>, OBC<sup>+14</sup>, PGC<sup>+11</sup>, SDGH14, WGW<sup>+19</sup>, dSJB<sup>+11</sup>, vdBGM<sup>+17</sup>]. **Cap** [CWJ99, DJC<sup>+14</sup>, EWP<sup>+99</sup>, GSW99, LUV99, MBMM<sup>+99</sup>, SHD<sup>+14</sup>, Sor99]. **Cap-Ferret** [CWJ99, DJC<sup>+14</sup>, EWP<sup>+99</sup>, GSW99, LUV99, MBMM<sup>+99</sup>, SHD<sup>+14</sup>, Sor99]. **Capacity** [SH02, HSH<sup>+13</sup>, SRFR07, ZSKL19]. **Capbreton** [BJSH14, FS14]. **Cape** [WC07a, AAG02, ASBM02, BPS00, BH94, BD94, Bla94, BLS<sup>+03</sup>, CLT94, CDL94, DCR94, GZGH22, GAC<sup>+02</sup>, Hec94, JDBP<sup>+05</sup>, LF07, LRV<sup>+02</sup>, MDC<sup>+10</sup>, MBB<sup>+02</sup>, MP94, RLVF02, RH94, SGD<sup>+14a</sup>, SSV02,

TBA<sup>+02</sup>, Wal94b, vGTG<sup>+00</sup>]. **Capel** [DLHH11]. **Capel-Faust** [DLHH11]. **capelin** [ASF<sup>+16</sup>, LSHB09, LSWH07, MHTZ19, ODR<sup>+09</sup>]. **Caprellidae** [KGS23]. **Capsular** [LZS<sup>+18</sup>]. **capture** [LWB<sup>+07</sup>, ZSLL15]. **captured** [FCBD08, PWJF20, SRS<sup>+20</sup>]. **carangid** [STS11]. **carbohydrate** [HHP<sup>+96</sup>, ZA16]. **carbohydrates** [MZR<sup>+95</sup>]. **Carbon** [AZK<sup>+20</sup>, ARK<sup>+94</sup>, AT10, Ano08, BRG<sup>+19</sup>, BLS<sup>+97</sup>, ÇYAYT06, CBJ<sup>+23</sup>, CML<sup>+09</sup>, JLTD11, LSUB94, LLB<sup>+00</sup>, LFM02, LKJ<sup>+15</sup>, LKH<sup>+07</sup>, LCE<sup>+23</sup>, MTE<sup>+02</sup>, MYE<sup>+02</sup>, RJWD01, RFB97, SCGDU09, Sch02a, SSH<sup>+11</sup>, SSS<sup>+11</sup>, VBM97, WCB08, WTL<sup>+06</sup>, WCWW99, vGTG<sup>+00</sup>, AML01, AAG02, ASBM02, ÁRR02, ACH02, AE02, AKH<sup>+02</sup>, Ano96g, ATS<sup>+96</sup>, AHHCR23, ALH<sup>+01</sup>, BCH<sup>+96</sup>, BDB97, BWL01, BNM<sup>+07</sup>, BPD<sup>+11</sup>, BBL<sup>+13</sup>, BMK96, BBH05, BMD<sup>+17</sup>, BDW<sup>+98</sup>, Bau02, BLM<sup>+10</sup>, BPB<sup>+94</sup>, BFM<sup>+14</sup>, BAH<sup>+95</sup>, BBA<sup>+98</sup>, BBA<sup>+01</sup>, BHS<sup>+10</sup>, CTBNL08, CD95, CHN<sup>+10</sup>, CZP<sup>+08</sup>, CAGL13, CCP<sup>+18</sup>, CMB<sup>+97</sup>, CEG<sup>+11</sup>, CSGC03a, CM99a, CMB99, CSGC03b, CCW<sup>+08</sup>, CB09a, CMW<sup>+05</sup>, COJ<sup>+09</sup>, CMT93, CBW01, CWS<sup>+23</sup>, Cra97, CMB12, CML<sup>+14</sup>, CMRL11, DURP03, DZBR95, Dan95, DP07, DPLB94, DCA09, DJS<sup>+08</sup>, DRR17, DJR<sup>+01</sup>, DLF<sup>+09b</sup>, DÁSCP02, DGB<sup>+98</sup>, DKQ<sup>+93</sup>, EWBW99, EWP<sup>+99</sup>, ETD<sup>+11</sup>, FdBGP11]. **carbon** [FRW00, FGW02, FCA04, FCAD04, FPB04, FC07, GWZ16, GCS<sup>+12</sup>, GGRW99, GRS00, GRC<sup>+03</sup>, GMR<sup>+05</sup>, GSB<sup>+23</sup>, GdRGLS04, GCB04, GOP<sup>+01</sup>, GNHS05, HBSL01, HCBP97, HP98, HC01, HMGD17, HHH01, HBC<sup>+23</sup>, HMC09, HBCO01, HCRX16, HZWW16, HNRGL06, HDW<sup>+20</sup>, HWC07, IHI<sup>+97</sup>, IMP<sup>+02</sup>, JDS<sup>+08</sup>, JDD<sup>+11</sup>, JBVW12, JHS<sup>+17</sup>, JBM<sup>+08</sup>, KGKS20, KLL03, KH02, Kem94, KFF<sup>+94</sup>, KR95, KCD<sup>+17</sup>, KHL<sup>+16</sup>, Kli09, KSU<sup>+08</sup>, KSS00a, KWW<sup>+12</sup>, LRGH<sup>+05</sup>, LQF<sup>+02</sup>, LMB<sup>+98</sup>, LJL<sup>+17</sup>, LDWK96, LW15, LDFS93, LSB07, MBW<sup>+03</sup>, MPG<sup>+97</sup>, MRRG23, MSF<sup>+22</sup>, MFG<sup>+93</sup>, MISC<sup>+02</sup>, MHB05, MTT<sup>+12</sup>, Met09, MWK<sup>+18</sup>, MCJ<sup>+99</sup>, MDO<sup>+98</sup>, MES97, MLK<sup>+12</sup>, MSTT07, MC13, MSG<sup>+00</sup>, MKVT<sup>+04</sup>, MLS<sup>+15</sup>, MYN<sup>+96</sup>, NAB<sup>+02</sup>, NSvH<sup>+11</sup>, NVBJ08, NMS09, NKB95, NW01, NRM<sup>+99</sup>, OCL<sup>+08</sup>, OUK03, OENB01, PCB<sup>+00</sup>, PFP02, PW15, PKR<sup>+01</sup>, PUP<sup>+07</sup>, PH96, PHH<sup>+06</sup>, PABH07, PDE<sup>+16</sup>, PCB<sup>+17</sup>, PRMM<sup>+17</sup>, Qua97]. **carbon** [RTB02, RBDO17, RRRMM05, RSR05, RV00, RGH<sup>+24</sup>, RTC06, RWR<sup>+02</sup>, RRWR08, RvAH10, RJDR06, RPF01, RIHGS00, RW95, RMPI<sup>+17</sup>, RPF<sup>+16</sup>, RWN<sup>+08</sup>, RSR<sup>+00</sup>, RBH<sup>+20</sup>, SMY<sup>+98</sup>, SLS<sup>+07</sup>, SCGDL02, SdS01, SVR<sup>+00</sup>, SMCA01, SH99c, SFW08, SBHS20, SRFR07, SGC03, SSM<sup>+00</sup>, SDCH99, SSLA95, SMD08, SLZ<sup>+16</sup>, SS01, Sot09, SVS<sup>+20</sup>, SWGPK17, SLB<sup>+16</sup>, SUL<sup>+06</sup>, SUK<sup>+06</sup>, SP06, SHC<sup>+00</sup>, SSH<sup>+00</sup>, SCM<sup>+09</sup>, TTLP06, TBA<sup>+02</sup>, TVL<sup>+00</sup>, TTCD14, TP02b, TP02a, TLKT00, TA01, TDC08, TBB<sup>+08</sup>, TMW<sup>+05</sup>, TNIW02, VBF<sup>+02</sup>, VS99, VSR<sup>+00</sup>, VCR02, WKM<sup>+07a</sup>, WFA<sup>+95</sup>, WWH97, WCSA<sup>+16</sup>, WP00, WC01b, WWC<sup>+99</sup>, WC02, WWN<sup>+02</sup>, WAC<sup>+09</sup>, WDC<sup>+15</sup>, YÇYTKB06, YOI<sup>+09</sup>, YHL<sup>+12</sup>, ZHD<sup>+08</sup>, ZD97, ZQ97, ZX12, ZCG<sup>+12</sup>, ZWQ<sup>+19</sup>, ZWL<sup>+22</sup>, ZdBB<sup>+07</sup>, Zon07, dCHdOF<sup>+18</sup>, vOSG<sup>+11</sup>, vWDB<sup>+01</sup>, vdLBB<sup>+02</sup>]. **carbon-nitrogen** [MFG<sup>+93</sup>]. **carbon-rich** [KCD<sup>+17</sup>]. **carbon-to-chlorophyll-a** [CSGC03a]. **Carbonate**



[GW15, GNHS05, KOLA<sup>+18</sup>, KGdC<sup>+18</sup>, MYL<sup>+98</sup>, vdLEM<sup>+14</sup>, ASS02, ACBV<sup>+18</sup>, ÇYB<sup>+18</sup>, CB97, CMB02, EFR<sup>+19</sup>, GBP00, GPBV<sup>+07</sup>, GTB15, JFM<sup>+17</sup>, LBM<sup>+17</sup>, LAGK<sup>+18</sup>, LMF<sup>+21</sup>, LSB07, NEO<sup>+07</sup>, NRSL17, RHL<sup>+16</sup>, STD<sup>+20</sup>, SBH<sup>+02</sup>, THJ<sup>+17</sup>, TWL<sup>+15</sup>, TWC<sup>+07</sup>, TCH<sup>+16</sup>, WKM<sup>+07a</sup>, YZ00, ZHY<sup>+13</sup>, ZdBB<sup>+07</sup>, Zon07]. **carbonates** [FR10, FRC<sup>+10</sup>, FC15, LMG17, LSL<sup>+15</sup>, PBVC<sup>+16</sup>, RFJ10]. **carcass** [SRAL<sup>+17</sup>]. **carcasses** [YMC<sup>+22</sup>]. **carcinophaga** [MCBC08]. **Cardiovascular** [ECD06]. **career** [Ver13]. **Cariaco** [ALT<sup>+13</sup>, MTMK<sup>+13</sup>, MKVT<sup>+04</sup>, TSP<sup>+18</sup>]. **Caribbean** [HMSMK04, JPM99, Jur20, MCM06, Ric05]. **Caridea** [NCL13]. **Carlsberg** [MR15]. **Carnivorous** [DAGK<sup>+17</sup>, HRX17, FPGH02, JZX10]. **Carolina** [ASBM02, AAG02, BPB<sup>+94</sup>, BH94, Bla94, CLT94, CDL94, DPLB94, DCR94, GAC<sup>+02</sup>, Har94, Hil94, LRV<sup>+02</sup>, MP94, RLVF02, RH94, SL94, TBA<sup>+02</sup>, WR09]. **Carolinas** [BG94]. **carried** [NPBS00]. **Carrying** [SH02, GK16, HSH<sup>+13</sup>, ZSKL19]. **Cascais** [IBK<sup>+11</sup>, dSJB<sup>+11</sup>]. **Casco** [DTP<sup>+05</sup>, JCP05, KCA05, PKA05, TDKA05]. **Case** [TPS<sup>+15</sup>, ABE<sup>+11</sup>, BS21, CWWB04, DWG<sup>+15</sup>, DRR<sup>+14</sup>, DZL<sup>+17</sup>, EEAC<sup>+20</sup>, HGK<sup>+18</sup>, HAM<sup>+15</sup>, JTW00, KVB<sup>+09</sup>, KMA<sup>+18</sup>, LT16, LTL<sup>+23</sup>, MPM<sup>+16</sup>, MGT<sup>+20</sup>, MBB<sup>+02</sup>, MES<sup>+23</sup>, MTD<sup>+18</sup>, MS18, MQACB08, MSG<sup>+00</sup>, NC97, PLRV22, PP93, Rai14, RAC<sup>+20</sup>, RAS23, RBXM15, SCCG09, SBA<sup>+20</sup>, TSZ10, TSZT13, VAK<sup>+09</sup>, VAMPR<sup>+17</sup>, WKM<sup>+07a</sup>]. **Caspian** [KBE<sup>+04</sup>, PFG<sup>+03</sup>]. **Cassidaigne** [FBP<sup>+17</sup>]. **Castle** [KEA<sup>+17</sup>]. **catabolic** [GQ09]. **catalyzed** [FLTV97]. **Catch** [NA09, BRCFP23, BJP<sup>+22</sup>, DABMAMA04, JRG<sup>+22</sup>, LCW20, Loh08, MRSLM<sup>+19</sup>, OLP<sup>+20</sup>, SL12, ZKSS06]. **catches** [BHJ<sup>+14</sup>, DWM<sup>+15</sup>, GDA<sup>+15</sup>, MCL<sup>+19</sup>, RGIH<sup>+06</sup>, YHC<sup>+11</sup>]. **catchment** [vGCM00]. **Categorizing** [KAM<sup>+14</sup>]. **catenatum** [FRBB10]. **Cauchy** [Abr19]. **caught** [CAJE15, LFKF<sup>+17</sup>]. **Cauldron** [BLS<sup>+03</sup>]. **Causal** [YFL<sup>+23</sup>]. **causality** [YFL<sup>+23</sup>]. **Cause** [PS23, Sch07, WTI<sup>+20</sup>]. **caused** [GPC<sup>+04</sup>, KAW<sup>+16</sup>, VMB17]. **Causes** [LSdC<sup>+10</sup>, HS98, TYBY06]. **Cavibelonia** [OBH<sup>+18</sup>]. **CCAMLR** [BND<sup>+04</sup>, Dem04, HCWH00, JR04, KGE<sup>+04</sup>, KNV<sup>+10</sup>, NMR10, WGB<sup>+04</sup>, WHNS04]. **CCE** [GO15, MSS15]. **CCE-LTER** [GO15, MSS15]. **CCSM4** [VNBW18]. **CD** [Ano96d, CDB94, RSD<sup>+97</sup>, NOT<sup>+09</sup>, NEN<sup>+07</sup>]. **CD-ROM** [CDB94, RSD<sup>+97</sup>, Ano96d]. **CDOM** [CDA98, LPJ<sup>+16</sup>, MORB<sup>+15</sup>, NTS<sup>+11</sup>]. **CEAMARC** [DLB<sup>+11</sup>]. **Celebes** [MNN10, ODH<sup>+07</sup>]. **cell** [DO96, FVSRR14, JS14, LZS<sup>+18</sup>, MMJ<sup>+03</sup>, PW12, SOS01]. **celled** [HK08]. **cells** [PWMC01, TIS<sup>+13</sup>, ZOB<sup>+96</sup>]. **Celtic** [CWE<sup>+17</sup>, JWC<sup>+01</sup>]. **Cenozoic** [BDE07, Ber07, BCVCHW04, DLHH11, DBD03, MWS<sup>+15</sup>, SK07, WCJ97]. **Census** [Ano09b, SH11a, PGF<sup>+09</sup>, SJD<sup>+11</sup>]. **centennial** [MPL15]. **Central** [LBV<sup>+08</sup>, VALM17, WGNH15, ADBU18, And00, BKP<sup>+19</sup>, BB98, BH19a, BCM02, BO96, BCO<sup>+96</sup>, BCKH07, BGS09, CD95, Cha07, CLF<sup>+09</sup>, CBS<sup>+96</sup>, CDG00, CMB02, CDJM04, DMFD19, DZBR95, DO19, DFY<sup>+23</sup>, DNG<sup>+12</sup>, DOLP<sup>+09</sup>, DMY<sup>+97</sup>, FGU04, FWG<sup>+97</sup>, Fon96, GPC<sup>+04</sup>, GGPM05, GQ09,

GSdS<sup>+14</sup>, HSS<sup>+18</sup>, HSR<sup>+23</sup>, Har96, HHP<sup>+96</sup>, ITT12, iITT<sup>+15</sup>, ITM<sup>+12</sup>, Joh96, KBK<sup>+18</sup>, KAW<sup>+16</sup>, KxF22, KM95, KSH12, KT02, KN97, KN05, LCK95, LKC96, LHZJ13, LL13, LTS<sup>+13</sup>, MGR<sup>+03a</sup>, MHG<sup>+04</sup>, MDH<sup>+98</sup>, Mar13, MPS<sup>+21</sup>, MWF<sup>+19</sup>, MFG<sup>+04</sup>, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MES97, MYN<sup>+96</sup>, NOLASZ04, NA13, NR00, NRM<sup>+99</sup>, NCSB<sup>+98</sup>, OCP18, OHFW93, PPRHLF02, PLPS98, PDS00, PVT<sup>+21</sup>, ROPB03, RL97, RSC<sup>+09</sup>, RQRVM10, SVAGRCS04, SHD<sup>+96</sup>, SIFS10, SN00, TGLN93, TB98, TŠŠ<sup>+19</sup>, VLSS<sup>+04</sup>, WMW96, WAW<sup>+05a</sup>, WYL<sup>+20</sup>, WAK<sup>+12</sup>, WMM02, YTF02]. **central** [YS01, ZDWR95, ZD97, ZXH<sup>+13</sup>, Zim19, BSM01a, Fri01, KC04, LPK<sup>+17</sup>, MSC<sup>+19</sup>, MSBS01, PLD<sup>+17</sup>, PBN10, RBA<sup>+01</sup>, RGS<sup>+97</sup>, RSN01, SdS01, SSF97, SSI19, SFW<sup>+13</sup>, SFZ<sup>+13</sup>, ULH<sup>+21</sup>, dSSB<sup>+01</sup>]. **central-south** [GQ09]. **centre** [MR15]. **centric** [RP18]. **Centrophoridae** [DWG<sup>+15</sup>]. **Centrophorus** [CGD<sup>+15</sup>, DWG<sup>+15</sup>]. **centuries** [HdVGHM02]. **century** [BCW03, DHM<sup>+22</sup>, PL04, TdFAL19, VNBW18, WYOS18]. **century-long** [DHM<sup>+22</sup>]. **Cephalaspidea** [CC13]. **cephalopod** [LTS<sup>+13</sup>, RNP93, SLD<sup>+13</sup>]. **Cephalopoda** [SRS<sup>+20</sup>]. **Cephalopods** [LBSB<sup>+17</sup>, GMPSHA<sup>+13</sup>, LL13, MPJ<sup>+13</sup>, SJST13]. **Cercops** [KGS23]. **cerium** [ODH<sup>+07</sup>]. **certain** [VK04]. **CESAR** [SE95]. **CESM** [CCL<sup>+14</sup>]. **Cestodes** [CP13]. **Cetacean** [AAL<sup>+17</sup>, FWZM12, FZW<sup>+13</sup>, TCG00, TAB<sup>+05</sup>, CTW<sup>+15</sup>, PLD<sup>+17</sup>, PMF<sup>+17</sup>]. **cetaceans** [BCT21, BPM18, CWE<sup>+17</sup>, GSPT13, JNBJ17, LPA<sup>+17</sup>, LAB<sup>+17</sup>, MM14, RCM<sup>+17</sup>, SSP14, SSJ<sup>+22</sup>, SJJ19]. **cf.** [KMA<sup>+18</sup>]. **CFR** [GGP<sup>+14</sup>]. **CH** [GOH<sup>+15</sup>, GOH<sup>+15</sup>, KLLO98]. **Chaecon** [HC13]. **Chaetoceros** [BLB<sup>+02</sup>]. **chaetognath** [MMN10]. **Chaetognatha** [PB08, PBN10]. **chaetognaths** [NG10, PS04a, UPS04]. **Chagos** [KOO<sup>+24</sup>]. **Chain** [WLH<sup>+16</sup>, MGG<sup>+17</sup>, VOK<sup>+24</sup>, WSF<sup>+24</sup>]. **chalcogramma** [Blo02, CBSS02, HSFN13, LSWH07, SHM13, SSDA13]. **chalcogrammus** [DABF<sup>+16</sup>, EZB<sup>+20</sup>, EBG<sup>+22</sup>, EMB<sup>+22</sup>, GEP<sup>+16</sup>, MES<sup>+23</sup>, MZH16, SCD<sup>+22</sup>, SHPM14]. **Challenger** [LAT<sup>+18</sup>]. **Challenges** [BKST13, HAE<sup>+15</sup>, HLA<sup>+06</sup>, YHC<sup>+15</sup>]. **Change** [DVCG<sup>+12</sup>, KDU<sup>+10</sup>, ATN<sup>+12</sup>, AJP<sup>+22</sup>, AAL<sup>+17</sup>, BFL<sup>+20</sup>, BBR<sup>+10</sup>, BZMC20, BTD11, BSH<sup>+11</sup>, CLMK13, CKB<sup>+07</sup>, CRI18, DW15b, DWM<sup>+15</sup>, DP02, EEAC<sup>+20</sup>, ETD<sup>+11</sup>, EAB<sup>+20</sup>, FBB<sup>+13</sup>, FRBB13, GSVCCCH12, GMCF19, GBD<sup>+11</sup>, HTTS12, HKC<sup>+21</sup>, HAE<sup>+15</sup>, HBC<sup>+15</sup>, HHH<sup>+22</sup>, HSW<sup>+02</sup>, KNK15, KNG02, KKUK10, KR07, KRHS20, LSNH15, LPPC<sup>+10</sup>, LWL<sup>+16</sup>, LMF<sup>+21</sup>, LB14, LSB07, Man94, MCSF15, MGK19, MWT<sup>+17</sup>, OB22a, PRORSV<sup>+19</sup>, PNVJ13, RHL<sup>+22</sup>, Reb03, RMD<sup>+12</sup>, RHPR15, Rod13, SM12, SH11a, SMD06, SNFK20, SMSI08, SBSW07, STS<sup>+15</sup>, TSW<sup>+09</sup>, VAMPR<sup>+17</sup>, WCJ<sup>+11</sup>, WCB08, WGNH15, WWN<sup>+22</sup>, WNHF<sup>+15</sup>, YKO15]. **Changes** [AKK<sup>+17</sup>, BDB97, BW04, BPD<sup>+15</sup>, BHB<sup>+07</sup>, CAS<sup>+97</sup>, CAGL13, DSE<sup>+14</sup>, GGC19, HSB<sup>+16</sup>, KFS<sup>+10</sup>, KRLH14, LHZJ13, MSS15, NTK<sup>+09</sup>, RLPF07, TdFAL19, TMP<sup>+13</sup>, WSB08, ZGGF22, AYMSAS19, ADRS19, AGL<sup>+19</sup>, AvD04, ALvD12, ALT<sup>+13</sup>, AKHR<sup>+20</sup>, Bae11, Bea09, BM17, BMS99, BMRP02, BDM<sup>+03</sup>, BLH05, BA01, BLG15, BGH<sup>+19</sup>, CJA<sup>+06</sup>,

CG21, CLW<sup>+23</sup>, DO96, ENM<sup>+14</sup>, ENM<sup>+16</sup>, FAMY20, GZGH22, GGRW99, GCCG13, GBP00, GdRGLS04, GMBL10, GBC<sup>+05</sup>, GHM<sup>+12</sup>, GNHS05, HNW<sup>+08</sup>, HdVGHM02, HSS<sup>+12</sup>, HSBT19, HHH01, HGM<sup>+11</sup>, Jac95a, JPM99, KBG<sup>+10</sup>, KBL01, KSH<sup>+09</sup>, KCZ<sup>+19</sup>, KMMS18, KDMH18, KKT16, KAM<sup>+20</sup>, KTL<sup>+00</sup>, KY17, KST<sup>+99</sup>, KL13, KKNH02, LG09, LPdR<sup>+14</sup>, LO03, LCWJI<sup>+19</sup>, MvSHD01, MAK<sup>+16</sup>, MSW<sup>+13</sup>, MSS<sup>+02</sup>, MKH<sup>+05</sup>, MCS<sup>+09</sup>, MGGTM19, Mun07, NA13, NLS<sup>+10</sup>, OYM<sup>+13</sup>, OTK<sup>+05</sup>, OTA<sup>+05</sup>, OTOH05, OTH05, PHS17a, PMS<sup>+20</sup>, PL04, PRORSV<sup>+19</sup>, PSAY20].

**changes**

[RDW<sup>+22</sup>, RR10, RHD<sup>+18</sup>, SVAGRCS04, SMS<sup>+07</sup>, SHN<sup>+07</sup>, SAM05, SWBKK10, SE14, SW99, SWH08, SBS<sup>+02</sup>, SGD<sup>+03</sup>, SFP<sup>+09</sup>, SBS<sup>+08</sup>, TT05, THJ<sup>+17</sup>, THZ06, TP02b, TP02a, WCH<sup>+93</sup>, WSLP10, WWC<sup>+19</sup>, WWC<sup>+99</sup>, WYW<sup>+02</sup>, WSP19, YCA<sup>+20</sup>, YPY<sup>+13</sup>, dLC<sup>+14</sup>, BCE<sup>+07</sup>].

**Changing** [BC08, GFK24, MSV<sup>+17</sup>, WYT19, CL15, DWJ<sup>+15</sup>, DCSV19, EGG<sup>+05</sup>, FBBW<sup>+10</sup>, LKLK17, LDG<sup>+23</sup>, MBG<sup>+24</sup>, MWFS17, PCY<sup>+13</sup>, RRK<sup>+20</sup>, SLS17, SAA<sup>+17</sup>]. **Changjiang**

[AIW03, KW03, LWL<sup>+16</sup>, YLH<sup>+10</sup>]. **Channel** [BLI<sup>+09</sup>, FRH<sup>+98</sup>, GDE<sup>+96</sup>, DDB<sup>+17</sup>, MWS<sup>+15</sup>, SSB03, VKC09, BLM<sup>+14</sup>, BEC<sup>+96</sup>, BdBJ<sup>+14</sup>, BL04, DCN<sup>+02</sup>, HBP<sup>+14</sup>, HRT14, HvH04, Hug14, JC03, JTK<sup>+14</sup>, JAM<sup>+14</sup>, LBMvdB14, LAB<sup>+17</sup>, LDHO<sup>+14</sup>, LMF<sup>+21</sup>, MB96, MBT<sup>+14</sup>, MBB<sup>+14</sup>, MSSD93, OS04, PLA<sup>+17</sup>, PGS14, PBMM14, PR05, QS04, RdR03, RTM14, SdRvLR03, SWDB<sup>+14</sup>, TBB<sup>+14</sup>, TRM<sup>+14</sup>, VLP<sup>+17</sup>, XZM<sup>+23</sup>, ZV13].

**channel-mouth** [DDB<sup>+17</sup>]. **channelling** [DCA09]. **channels** [PS04a].

**character** [GTB15, SA15a]. **Characterisation**

[HDD<sup>+11</sup>, LBMvdB14, GHG<sup>+04</sup>, JKK<sup>+10</sup>, RHD<sup>+11</sup>, SW00].

**Characterising** [BHS<sup>+06</sup>, WAM<sup>+18</sup>]. **Characteristic** [SRS11, PSE<sup>+93</sup>].

**Characteristics**

[DNG<sup>+12</sup>, FMFW07, GZZC10, KHS<sup>+02</sup>, LKD<sup>+15</sup>, LPM<sup>+19</sup>, MORB<sup>+15</sup>, RG03, RPJ<sup>+06</sup>, SBA<sup>+20</sup>, UWvdE<sup>+16</sup>, VJF23, WW23, vWMR<sup>+17</sup>, ASMH08, AMvd<sup>+12</sup>, Ald95, APT11, BF14, BSL11, BLSS10, COQ<sup>+18</sup>, CG18, DGP20, DPK<sup>+14</sup>, DZL<sup>+17</sup>, DGT14, EMB<sup>+22</sup>, Fig02, GMR<sup>+05</sup>, GML99, HMA20, HBK<sup>+98</sup>, JWO<sup>+09</sup>, KBE<sup>+04</sup>, LTW<sup>+11</sup>, MGR<sup>+03a</sup>, MFPL19, MAR<sup>+17</sup>, MPI07, MAA<sup>+04</sup>, MAA<sup>+05</sup>, NRS14, NTS<sup>+11</sup>, OS04, PBFS06, PWTH15, PPB<sup>+22</sup>, RBA<sup>+01</sup>, RSB<sup>+17</sup>, SBS<sup>+00</sup>, SKSW02, SAL95, TRM<sup>+07</sup>, VKG93, WMB<sup>+08</sup>, WSB08, YCN<sup>+10</sup>, YLR18, YCYK10, dSSB<sup>+01</sup>].

**Characterization**

[ADGA05, ADGA06, ERPF11, HBO11, Kli09, 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>]. **Charlie-Gibbs** [CLJ<sup>+13</sup>, FVW08, LAJP13, MSW<sup>+13</sup>, BSJ13, CSGV13, CSCP13, DHST13, EQW<sup>+13</sup>]. **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>, iTT<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>, DRRBC16, 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>, YÇYTKB06]. **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, PWITH15, 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>+13</sup>, LXS<sup>+13</sup>, MCL<sup>+19</sup>, SFW<sup>+13</sup>, SFZ<sup>+13</sup>, TSZ10, ZZX<sup>+13</sup>]. **CHINAREs** [CGG<sup>+12</sup>]. **Chinese** [CGG<sup>+12</sup>, CW18]. **Chinook** [MHG<sup>+17</sup>, VBM<sup>+19</sup>]. **chinstrap** [CWEHT22]. **Chionoectes** [DBMI17, FJR<sup>+20</sup>, GKBG17]. **Chl** [GAC<sup>+02</sup>, SMZ<sup>+08</sup>]. **Chl-a** [GAC<sup>+02</sup>]. **Chlamys** [DKP<sup>+14</sup>]. **chlorofluorocarbon** [MW05b]. **chlorofluoromethanes** [Wal94a]. **Chlorophyll** [GSMG04, LH01, AL98, AVS<sup>+20</sup>, AvD04, BSS20, BHMK08, BY04, BT04, BLP<sup>+15</sup>, CLT94, CRDP02, CSGC03a, CWS05, CMW<sup>+08</sup>, CJF<sup>+12</sup>, CHH19, CBPT05, CMC<sup>+02</sup>, DPS<sup>+11</sup>, DPY14, EGL<sup>+16</sup>, ESK<sup>+23</sup>, GGRW99, GMM<sup>+20</sup>, GWWL03, GGRW98, HPWP07, HS93, HHKH<sup>+04</sup>, IS07, JEK<sup>+15</sup>,

JBC<sup>+21</sup>, KKMSM12, KTP<sup>+20a</sup>, LMA08, LGF03, LMvDA16, MSRM14, MASVB<sup>+19</sup>, MDH08, MSS<sup>+02</sup>, MMC11b, MMC11a, OE06, PLRV22, PC00, PG18, PLGCL09, PKZ93, PW12, PHH<sup>+06</sup>, PLHMA06, PPR<sup>+20b</sup>, PVT<sup>+21</sup>, RR96, RD97, RYT01, SMLP04, SWR<sup>+95</sup>, SA14, SiSA<sup>+02</sup>, SG99, SRY04, SRW<sup>+10</sup>, SZH<sup>+04</sup>, SMD08, SBK<sup>+16</sup>, SMS20, SWSL14, TRM<sup>+07</sup>, TSWJ12, TT01, TPS<sup>+15</sup>, UY04, VLK06, XWZ24, YAS<sup>+93</sup>]. **chlorophyll-a** [AvD04, BY04, BLP<sup>+15</sup>, CLT94, CWS05, DPS<sup>+11</sup>, EGL<sup>+16</sup>, ESK<sup>+23</sup>, GWWL03, HHKH<sup>+04</sup>, KTP<sup>+20a</sup>, LMvDA16, MSRM14, MASVB<sup>+19</sup>, MDH08, MSS<sup>+02</sup>, PLGCL09, PLHMA06, PVT<sup>+21</sup>, SMLP04, SA14, SiSA<sup>+02</sup>, SG99, SMD08, SBK<sup>+16</sup>, YAS<sup>+93</sup>]. **chlorophyll-biomass** [PHH<sup>+06</sup>]. **choice** [HH05]. **chokka** [JKJ<sup>+22</sup>]. **chondrichthyans** [CG15, MC15, RS15]. **chromium** [AV97]. **chromophoric** [KSU<sup>+06</sup>, LFC16, NTS<sup>+11</sup>]. **chromophytic** [LKL<sup>+13</sup>]. **Chron** [LSOM16]. **Chronic** [AAW<sup>+16</sup>, RN96, Bak98, FBL<sup>+98</sup>]. **chronology** [DBJ97]. **Chronostratigraphy** [OTNT05, LSOM16]. **chub** [HiII<sup>+19</sup>, HiII<sup>+20</sup>]. **Chukchi** [ATN<sup>+12</sup>, ACG<sup>+17</sup>, BFS<sup>+17</sup>, DEL<sup>+17</sup>, DTWF17, GCCG13, HCAK17, KLD21, LMM<sup>+17</sup>, LGK15, MD17, NCE<sup>+23</sup>, NSWY20, PNL<sup>+19</sup>, RRK<sup>+20</sup>, SCD14, WCC05, WOS12, ZWL<sup>+22</sup>, APP<sup>+14</sup>, AGP05, BDL<sup>+22</sup>, BFD<sup>+23</sup>, BHMC05, BBH05, BF14, BCKH07, BIH10, BSN18, BCP<sup>+15</sup>, BLP<sup>+15</sup>, CHW<sup>+12</sup>, CD09, CMNO23, CG07, CMG<sup>+12</sup>, CMV<sup>+20</sup>, COQ<sup>+18</sup>, CFL<sup>+16</sup>, CG18, CGG<sup>+19</sup>, CCC<sup>+23</sup>, CSS<sup>+22a</sup>, CBK<sup>+22</sup>, DAA<sup>+20</sup>, DB05, DGT14, DGT17b, EGG<sup>+05</sup>, EAF<sup>+17</sup>, EGOO22, EBG<sup>+22</sup>, EMB<sup>+22</sup>, ESWL20, FNS20, FHT<sup>+14</sup>, FTT<sup>+17</sup>, GGC19, GP15, GP16, GLSK<sup>+17</sup>, Gra09, GNB<sup>+17</sup>, GKBG17, HHH<sup>+15</sup>, HMGD17, HTPM14, HT17, HCS05, HK10, HKP10, IBD10, IMG<sup>+19</sup>, KLY<sup>+15</sup>, KRGT14, KCL20, LGHD20, LS14a, LMS09, LGC<sup>+12</sup>, LRDS18, LBM<sup>+20</sup>, LWJR22, LFC16, LvDA14, LPM<sup>+15</sup>, LDW22, LP14, MMID17, MHB05, MBHB09, MES<sup>+23</sup>, MD14, MBL<sup>+15</sup>, MSM10, MKH<sup>+05</sup>, MBC<sup>+20</sup>, NRS14, NHBM10, OACA19]. **Chukchi** [ORFA<sup>+14</sup>, PSA14, PPT<sup>+10</sup>, PMM<sup>+16</sup>, PE17, PBNF<sup>+16</sup>, PCAS05, PPF<sup>+15</sup>, RKTG14, SET<sup>+09</sup>, SMB<sup>+17</sup>, SKGD14, SGD14b, SPB<sup>+14</sup>, SNFK20, SMS20, SM20, SM23, SLB<sup>+16</sup>, TTCD14, VSM17, WDM<sup>+05</sup>, WAW<sup>+05a</sup>, WFW<sup>+17</sup>, WBD17, WGMC14, WAW05b, YHK15, YBC<sup>+17</sup>, YHL<sup>+12</sup>, YLK<sup>+15</sup>, ZAC<sup>+15</sup>]. **Chukchi/Beaufort** [DB05, WDM<sup>+05</sup>]. **chum** [ARWM13, KUT<sup>+20</sup>, KKUK10, KMOM19, VSM17, WBA<sup>+17</sup>, YK05]. **CIB** [BSM01a]. **cidarids** [BVL04]. **cidaroid** [PL04]. **cidaroids** [HDR<sup>+11</sup>]. **CIESM** [Ano09a, BG09b]. **CIESM/SUB** [Ano09a, BG09b]. **ciliate** [CLL<sup>+03</sup>, JYM<sup>+15</sup>, JLY<sup>+16</sup>, STFL<sup>+13</sup>]. **ciliates** [OT03, SIFS10, TR02, WLZ<sup>+19</sup>]. **cinarcik** [TCG<sup>+18</sup>]. **Circannual** [MTK05]. **circularisquama** [SAKP<sup>+22</sup>]. **Circulation** [AGS<sup>+02</sup>, BBN97, CDJ<sup>+22</sup>, CH11, DZ08, DKZP16, GLBB11, GM11, LPSS03, MD06, PMM<sup>+16</sup>, PR17, RG93, SCC98, TRHA01, WAW<sup>+05a</sup>, ACG<sup>+01</sup>, Ano96f, ABS<sup>+14</sup>, AGM<sup>+93</sup>, BSM01a, BSMV03, BCI02, Bae11, BLM13, BMRTL93, BvWR<sup>+20</sup>, BW99a, BRW00, BTRL99, BCH<sup>+19</sup>, BDR<sup>+03</sup>, BJ15, BLSS10, CB16, CMC<sup>+05</sup>, CHL<sup>+95</sup>, Cok16, CMK<sup>+18</sup>, CMJ<sup>+18</sup>, CAGLV<sup>+06</sup>,

DGP20, DQSF02, Di 03, DKS03, DK04, DMW<sup>+07</sup>, EOB03, FS05, FM03c, FKH13, GWL<sup>+15</sup>, GLDCA<sup>+06</sup>, GGLP02, GP15, GSM<sup>+20</sup>, GPC14, GMPS04, HBP<sup>+14</sup>, HS96, Har96, HLL<sup>+10</sup>, Hei02, HSHM02, HCHD09, HBR11, HFKY05, HH05, HO99, JCM<sup>+13</sup>, KT05, KHB<sup>+04</sup>, KST<sup>+99</sup>, KIY<sup>+05</sup>, LWL<sup>+24</sup>, LC03, LN05, LWSZ13, LSHP01, LBB<sup>+06</sup>, MPMD<sup>+06</sup>, MZD<sup>+11</sup>, MAN<sup>+20</sup>, MGMP02, MKB<sup>+10</sup>, MSC<sup>+19</sup>, MTT<sup>+12</sup>, MW05b, MWW<sup>+05</sup>, MRM<sup>+12</sup>, NLHB01, NP03, NRBO<sup>+05</sup>, OGRdO18, ÖHÜ<sup>+93</sup>, PPRL02, PRDF08]. **circulation** [PBGCD<sup>+13</sup>, PWMC01, PPB<sup>+22</sup>, PGS14, PVRA07, PPL<sup>+07</sup>, PAUB19, Pri06, RAC<sup>+20</sup>, RHK<sup>+11</sup>, RMCAR06, RKHK<sup>+11</sup>, SMR<sup>+06</sup>, SH99a, SSLP95, SF04, SF11, SSG14, SMS03, Spa99, SSC<sup>+00</sup>, SJ00, TTW<sup>+05</sup>, TGLN93, VCRDF99, VHT<sup>+20</sup>, VIY02, WMW96, WMC06, WBA03, WTSP07, YAOW05, YCYK10, YH10, ZZM<sup>+13</sup>, ZG15, HMHY11]. **circulations** [HZN<sup>+16</sup>]. **circum** [ASMM11]. **Circumpolar** [BFF<sup>+07</sup>, CWTJ03, DKS11, FG97, GS06b, HKO<sup>+17</sup>, JHS<sup>+17</sup>, Kla97, LL01, LDD<sup>+97</sup>, Mar19, MGC<sup>+01</sup>, PRMM<sup>+17</sup>, RPMS95, RFQ99, SDB<sup>+97</sup>, SGP<sup>+02</sup>, SLP<sup>+17</sup>, VMBS03, VPSL15, ZGGF22, vdLCS<sup>+11</sup>, HH03]. **circumpolarity** [ABE<sup>+11</sup>]. **Cirripeds** [Di 10]. **Clade** [TFR<sup>+10</sup>]. **cladocerans** [dLC<sup>+14</sup>]. **Cladorhizidae** [DAGK<sup>+17</sup>, HRX17]. **clam** [DZL<sup>+17</sup>]. **clams** [LVJC17]. **Clarke** [ROY13]. **Class** [dLC<sup>+14</sup>, EWF<sup>+18</sup>, LWO<sup>+09</sup>]. **classes** [LPFS97]. **classical** [HCG<sup>+09</sup>, Joh19]. **Classification** [DFMW13, LSM<sup>+06a</sup>, BV04, CSG<sup>+15</sup>, DGT<sup>+17a</sup>, OM16]. **clay** [SHWW22]. **clay-size** [SHWW22]. **clean** [AKZL16, SHF<sup>+95</sup>]. **clean-up** [AKZL16]. **Cleve** [MA05]. **Climate** [Arr15, AGJ07, ENM<sup>+14</sup>, ENM<sup>+16</sup>, Ham07, HTTS12, HSW<sup>+02</sup>, HD07, LDG<sup>+23</sup>, Man94, MPL15, MCSF15, MC12, OAH<sup>+16</sup>, Pör06, SCB<sup>+16</sup>, STS<sup>+15</sup>, WNHF<sup>+15</sup>, YCA<sup>+20</sup>, ARWM13, AH17, AGL<sup>+19</sup>, AGGdC14, ASF<sup>+16</sup>, Arr16, ATN<sup>+12</sup>, AJP<sup>+22</sup>, BG08, Bea09, Ber24, BFH<sup>+23</sup>, BSRM08, CHH<sup>+21</sup>, CMAO<sup>+12</sup>, CKB<sup>+07</sup>, CMJ<sup>+18</sup>, DW15a, DW15b, DWM<sup>+15</sup>, DP02, DLF<sup>+09b</sup>, DWJ<sup>+15</sup>, EEAC<sup>+20</sup>, ETD<sup>+11</sup>, EBG<sup>+15</sup>, EAB<sup>+20</sup>, FHAH16, FMC<sup>+20</sup>, FJR<sup>+20</sup>, GSVCCCH12, GO15, GHM<sup>+12</sup>, GBD<sup>+11</sup>, Har06, HSFN13, HAE<sup>+15</sup>, HBC<sup>+15</sup>, HBC<sup>+12</sup>, HHH<sup>+22</sup>, HIA<sup>+16</sup>, HMHY11, HMA20, IHPA16, JRK<sup>+17</sup>, KMMS18, KKUK10, KR07, LK11, LSNH15, LWL<sup>+16</sup>, LXWC21, LSWM22, LD07, LSB07, MRSLM<sup>+19</sup>, MFH04, MGK19, MTT<sup>+12</sup>, MWT<sup>+17</sup>, MSS15, OBA02, PRORSV<sup>+19</sup>, PGS14, PDC<sup>+21</sup>, ROPB03, RHPR15, Rod13, RBO07, RNB07, SLS17, SZH20, SLB13a, SMD06, SMSI08, SBSW07, TSWJ12, TLP<sup>+19</sup>]. **climate** [TMW<sup>+05</sup>, WCJ<sup>+11</sup>, WOS12, WCB08, WGNH15, WSB13, WLT20, ZPT<sup>+13</sup>, ZMYS13, ZT00]. **climate-catch** [MRSLM<sup>+19</sup>]. **Climate-dependent** [Pör06]. **Climate-driven** [LDG<sup>+23</sup>]. **climate-enhanced** [HIA<sup>+16</sup>]. **climate-induced** [AGL<sup>+19</sup>, GBD<sup>+11</sup>]. **Climate-mediated** [ENM<sup>+14</sup>, ENM<sup>+16</sup>, FJR<sup>+20</sup>]. **Climate-related** [SCB<sup>+16</sup>, YCA<sup>+20</sup>]. **Climatic** [TP02b, TP02a, TGFP02, BW04, LCW20, MCL<sup>+19</sup>, YKY<sup>+07</sup>]. **Climatological** [TSW<sup>+09</sup>, KVL<sup>+19</sup>, LC03, MQ01, TSS<sup>+02</sup>]. **climatologically** [DKJ13]. **climatologically-forced** [DKJ13]. **climatologies** [KC03, SDKH03]. **Climatology**

[PWITH15, PW15, OWD13, RT14, WBJ+98]. **CLIMODE** [JTDG13]. **clinical** [DRR+14]. **CLIOTOP** [EAB+20, HAE+17]. **Clitellata** [UC13]. **clonality** [BCN+17]. **clones** [FRBB10]. **close** [BSE+16, Car10, RCL+09, VGBGPA02]. **closed** [BCH+19, DCD+14, GKH+07]. **closely** [VK04]. **closure** [WZZ+23]. **Clues** [WZB+14, DCC+13]. **Clupea** [ASF+16, GKR+18, Pro09, SPP22, TKF07]. **cluster** [RH14]. **clustered** [MC06]. **clustered-drifter** [MC06]. **CMarZ** [WBM+10]. **CMIP5** [LWS21, TdFAL19, WYOS18]. **CMIP6** [CHH+21, HKC+21, KxF22, LWS21, LSWM22, QQJ+21, ZW23]. **Cnidaria** [AL14, BSJ13, Dau18, ROS+17, SS13a, SSK+23, Ste13]. **cnidarians** [HSY08]. **CO** [ALT+13, CFT+04, DHW98, ECD+17, Hei02, IIM02, PNS+09, SMP+15, TSS+02, WTL+06, YKS+19, ZNM+02, BBB+11b, MBHP99, OM14, BL99, CCS+16, ODCP98, PKHH17, RHD+18, SAB08, TFR+10, ZHK+05, AAG06, AKBD13, BBL+13, Bat01, BCWT00, BCM02, CG07, CB09a, CFT+04, CBB+95, CMNM16, CMB02, DOBH02, DVPR06, DLF+09b, DTR+09, DWW+02, FWC+95, FBC+02, IIM+09, ITMG18, KRF01, KOLA+18, KGdC+18, LSF+01, LBM09, MLVM02, MCJ+99, Mun07, MKS+02, NBSM01, NMW+09, NSvH+11, PWF03, PGK15, SDCH99, TSS+02, TSW+09, Zon07, vHHH+11, NOT+09, NCT13, NEN+07]. **Co-limitation** [BBB+11b, MBHP99]. **co-limited** [ZHK+05]. **co-occurring** [ODCP98, PKHH17, TFR+10]. **co-production** [RHD+18]. **co-variability** [BL99, CCS+16]. **co-variation** [SAB08]. **Coagulation** [DD95, Jac95a, Jac95b, LPA+95]. **coarctatus** [GKBG17]. **coast** [AKZL16, BMK05, CLF+09, FVSRR14, FPS10, FMFW07, FA02, HVWH09, HHMF11, IATK17, KDG+97, LWSZ13, MTMH11, NLDJ14, NPBS00, OG11, PTS01, RAL04, SW09, SLM+20, SPF10, SSW05, SGI+19, SGW+00, SKW07, SDLZ13, TWPP07, VBM+19, WT14, WGMW10, WNRM08, WMP+11, Ano14, DCS+18, KHGL+02, MMMC07]. **Coastal** [BT04, CPS05, HHD+09, LHM14a, MBOvL08, PCJ+05, PKA95, PHS+17b, SBC+16, WDR05, ATM+07, Ake19, ADBU18, AHV+00, Ano05d, AMK+05, BPS00, BC05, BMK05, BHS+19, BCVCHW04, BLD+06, BFF+10, CJA+06, CFZ+18, CSW+18, CB09a, CWL+23, CA06b, CBA+20, CBA+05, DSBS20, DHW98, DHGO23, DHS+09, DWHM06, EQW+13, EDF+04, EO02, FME+09, FWR+02, GBP00, GKB+18, GVD+97, HPWP07, HWTP07, HSO04, HTA+17, HCHD09, HS05a, HEV+10, HLS+02, HWP+07, HTW14, HCRX16, Ike03, JJVH18, JCPC09, JFM+17, KCMA05, KC03, KC04, KGB06, KRAS24, LLK+16, LLR+06, LWDH06, LAGK+18, LDGH16, LSH+24, LPPK14, MTGY05, MBH+96, MM05, MTD+18, MPF+17, MBC+09a, MAA+04, MAA+05, MKVT+04, NC97, NKB95, OC00, OTH05, PRC+09, PBG+10, PJLO+17, PK03, PFX+02, RHI00, RMBG11, Roy05, SH99c, SGW+15, SAM96, SFB16, SFB19]. **coastal** [SRS11, TAMTC+13, TDCV+06, Thu98, TMC+14, TLR+00, VLP+17, VSFF09, WLM23, WMB+08, WCH05, WCSA+16, WYW+02, YK05, YSBH06, bsBD+20, vGTG+00]. **coastal-oceanic** [BHS+19]. **coastline** [WRBS10]. **coasts**

[PNC<sup>+</sup>06, SMLP04, TBW<sup>+</sup>11, WLR<sup>+</sup>00, vCO09]. **coatsorum** [RDW<sup>+</sup>22]. **Cobalt** [NSMBN08]. **Cobscook** [HTW14]. **coccoid** [SSW05]. **Coccolith** [Tan03, BZvHH00, SZS<sup>+</sup>07, YZ00, ZdBB<sup>+</sup>07]. **coccolith-CaCO** [BZvHH00]. **Coccolithophore** [BZvHH00, BBV00, CBT01, HT01, STD<sup>+</sup>20, ZT00, And00, BAR<sup>+</sup>02, lLCCC07, FS02, GSdS<sup>+</sup>14, PMS<sup>+</sup>20, PABH07, RWR<sup>+</sup>02, RWZ<sup>+</sup>02, SBH<sup>+</sup>02, SZS<sup>+</sup>07, WABW02, WTZ02]. **coccolithophore-dominated** [WTZ02]. **Coccolithophores** [BAS00, GC07, GMMS05, Zon07]. **coccolithophorid** [SMGB02, SMGB03]. **Coccolithophorids** [BH99a, SWZA02]. **coccoliths** [SLB<sup>+</sup>15, ZBvH<sup>+</sup>00]. **Coccolithus** [TTA<sup>+</sup>16]. **Cocculinid** [YERT13]. **cod** [BZS<sup>+</sup>16, BD06, CMNO23, CCC<sup>+</sup>23, CSS<sup>+</sup>22b, DTWF17, Dri09, EGOO22, FHAH16, HTPM14, HCAK17, HSC<sup>+</sup>19, IAA96, JGM09, KVS<sup>+</sup>09, LSHB09, LM96, LCR<sup>+</sup>96, LBB<sup>+</sup>06, LLW01, MMS<sup>+</sup>19, MEB<sup>+</sup>23, MDH16, MZH16, NHCL14, ODR<sup>+</sup>09, RG06a, RG06b, SRFR07, SH16, SHPM14, SSB<sup>+</sup>07, VSFF09, WPLN96, JDBP<sup>+</sup>05]. **cods** [PFPJ<sup>+</sup>09, WWN<sup>+</sup>22]. **coefficient** [DNA97, MNSMN<sup>+</sup>04]. **coefficients** [STWW01]. **Coelodendridae** [PPC<sup>+</sup>07]. **Coelodicerus** [PPC<sup>+</sup>07]. **Coelorinchus** [FARLR<sup>+</sup>13]. **Coexistence** [Gut06]. **Coherent** [MDSA19, SLP<sup>+</sup>09]. **cohesive** [LYL22]. **Coho** [LWO<sup>+</sup>09, TBH09]. **cohorts** [LCW20, VSFF09]. **COI** [ABE<sup>+</sup>11]. **coincidence** [BWD20]. **colbecki** [SL06]. **Cold** [Cor10, FBP<sup>+</sup>17, GPCC<sup>+</sup>17, HRSJ23, KCD<sup>+</sup>17, KBFH14, LSL<sup>+</sup>15, ODP<sup>+</sup>17, RFJ10, SC10, SKdS<sup>+</sup>14, WMB<sup>+</sup>13, AM22b, Ala22, ASF<sup>+</sup>16, AHVB<sup>+</sup>17, BBAL<sup>+</sup>20, BBS<sup>+</sup>20, BCN<sup>+</sup>17, BDL<sup>+</sup>14, BNP<sup>+</sup>09, BHSJ16, BPR<sup>+</sup>10, BR14, CBHF10, CNM17, DCC<sup>+</sup>17, DGT<sup>+</sup>17a, EFW<sup>+</sup>14, ESL<sup>+</sup>10, FR10, FRC<sup>+</sup>10, FC15, FDP<sup>+</sup>14, GGO<sup>+</sup>14, HS96, HWK<sup>+</sup>14, HHH<sup>+</sup>22, HFL<sup>+</sup>15, JBJ17, JBS<sup>+</sup>10, KB15, Kel10, KHL<sup>+</sup>17, LPdR<sup>+</sup>14, LDBvdB17, LPPC<sup>+</sup>10, LLM<sup>+</sup>17, LZZ<sup>+</sup>16, LPMS09, LGR<sup>+</sup>14, MRB<sup>+</sup>14, MTM<sup>+</sup>13, MST<sup>+</sup>14, MSA<sup>+</sup>14, NOFP14, NLDJ14, OG11, OJK<sup>+</sup>10, OWW<sup>+</sup>12, PL04, RRL<sup>+</sup>14, RVC<sup>+</sup>13a, RDV<sup>+</sup>09, RBJW16, ROC<sup>+</sup>21, ROBV<sup>+</sup>18, Sco05, SO98, SKM<sup>+</sup>12, SSR<sup>+</sup>14, SGM<sup>+</sup>14, SDGH14, SKW07, TAC<sup>+</sup>17, TH99, VDS<sup>+</sup>20, WPJW96, ZWM12, vCO09, GdRGH<sup>+</sup>14]. **cold-air** [Sco05]. **cold-core** [LPMS09, OG11, SKW07]. **Cold-seep** [RFJ10, WMB<sup>+</sup>13, FR10, FRC<sup>+</sup>10, HFL<sup>+</sup>15, JBS<sup>+</sup>10, OJK<sup>+</sup>10, 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, 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]. **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** [LPPCF10, PZL<sup>+</sup>09]. **Colonization**



[MCD<sup>+09</sup>, BDG<sup>+04</sup>, BRPH20, HDR<sup>+11</sup>, HK07, LV17, MTGY05, MMG98, OGG<sup>+15</sup>, PPFS17, RHW04]. **colonizing** [YERT13]. **colony** [AHVB<sup>+17</sup>, HPS<sup>+13</sup>, NCR<sup>+08</sup>]. **color** [CFS<sup>+06</sup>, CWP<sup>+15</sup>, DDN<sup>+04</sup>, HGAB04, KMLC<sup>+04</sup>, KKMSM12, KC04, LW04, MCS<sup>+02</sup>, MCS<sup>+03</sup>, MSC04, MKRY01, Pal04]. **colored** [DC00, GMC<sup>+12</sup>, MORB<sup>+15</sup>]. **colour** [MXC15, PTA<sup>+99</sup>, RN06, WPAP01]. **Columbia** [DCS<sup>+18</sup>, HBCG14, NDE14, HSBT19, KM15, MY99, MPZ04, PDC<sup>+99</sup>, VBM<sup>+19</sup>, WWB04, ZPG14]. **column** [ADAM02, BCI02, BFT<sup>+97</sup>, BRSIW95, BBB<sup>+11a</sup>, BT15, CB16, CA06b, ÇYFB<sup>+06</sup>, ÇYAYT06, CMA<sup>+09</sup>, CMB02, CPEN08, Cri95, DSO<sup>+97</sup>, DGB<sup>+98</sup>, DFK<sup>+06</sup>, EPPR09, GRS00, GQ09, HSS<sup>+18</sup>, HLNO96, HCRX16, JB01, KWF<sup>+19</sup>, KMLT06, LMM<sup>+17</sup>, LSC02, MS06a, Mas01, MGC<sup>+14</sup>, MKH<sup>+05</sup>, NSKG96, PFW<sup>+09</sup>, PPRHLF02, PLS<sup>+03</sup>, RTC06, RTFB09, SvdLM95, SSUB15, SSL98, SFG98, SBA<sup>+20</sup>, SKM<sup>+14b</sup>, TGRB02, WHL<sup>+97</sup>, WWH97, YNG<sup>+16</sup>, Zon97]. **column-benthic** [MKH<sup>+05</sup>]. **columns** [HHH<sup>+15</sup>, VKM13]. **comatulid** [EBG<sup>+11</sup>]. **Combined** [TWL<sup>+15</sup>, BGCH20, KMD<sup>+01</sup>, MYN<sup>+96</sup>]. **Combining** [JLAD95, VALW23, BWS<sup>+98</sup>, RN06]. **COMICS** [GSB<sup>+23</sup>, VABCR<sup>+24</sup>]. **commensal** [STB<sup>+17</sup>]. **Comment** [BJF16, Eif05, JW05a, JR11, PTMH16]. **commentary** [BH19b, Ste10]. **comments** [CBMM15, SLC<sup>+15</sup>]. **commercial** [BGIJ<sup>+06</sup>, JR04, MES<sup>+23</sup>, Pas18, SRAs<sup>+24</sup>, SID19, YKO15, ZNM<sup>+02</sup>]. **commercially** [ADK<sup>+15</sup>, DM16b, SDB<sup>+19</sup>]. **commerson** [WYL<sup>+20</sup>]. **Common** [CV17, GQ09, CHV<sup>+15</sup>, LAP<sup>+17</sup>, SM12, SL06, VVM<sup>+12</sup>, VSFF09]. **communities** [ATI<sup>+23</sup>, ALSF<sup>+17</sup>, ACR<sup>+20</sup>, AZYT16, BN97, BLM<sup>+14</sup>, BOHW22, BAS00, BM17, BN04, BEZ<sup>+22</sup>, BRBD17, CBNR<sup>+09</sup>, CB97, CSM<sup>+13a</sup>, CHV<sup>+15</sup>, CMNM16, CBJ<sup>+23</sup>, CGG<sup>+19</sup>, Cor10, CNM17, DSB<sup>+18</sup>, DDN<sup>+04</sup>, DND04, DHGO23, DLKP14, DKP<sup>+17</sup>, DSYH09, EP18, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, FBB<sup>+13</sup>, GMR<sup>+09</sup>, GTTKB14, GD07, GGP<sup>+14</sup>, GARVK04, HHH<sup>+15</sup>, HCS05, HLL<sup>+09</sup>, HBB<sup>+13</sup>, HV03, JJVH18, JYM<sup>+15</sup>, JLY<sup>+16</sup>, JKP<sup>+17</sup>, JLJ<sup>+12</sup>, KOO<sup>+24</sup>, KRS<sup>+11</sup>, KGB16, KCL20, KHL<sup>+17</sup>, LLR<sup>+06</sup>, bLHsL<sup>+13</sup>, LB14, MPZ04, MP99, MTB09, MTK<sup>+18</sup>, MCD<sup>+09</sup>, MBC<sup>+09a</sup>, MGK<sup>+17</sup>, MFS<sup>+23</sup>, NBB<sup>+02</sup>, NHH<sup>+13</sup>, NMS09, NRH<sup>+20</sup>, ODP<sup>+17</sup>, PBMM14, PDE<sup>+16</sup>, PRSS23, Qué13, RLB<sup>+18a</sup>, RH14, RAF<sup>+11</sup>, RHD<sup>+18</sup>, RVS11, RAB<sup>+17</sup>, RPZ<sup>+14</sup>, RKM<sup>+22</sup>, SLS<sup>+09</sup>, SLDL93, SLS<sup>+10</sup>, SS09, SO98, SKL<sup>+22</sup>, SPEPS18, SBE<sup>+99</sup>, SBSW07, SKW07, TBW<sup>+11</sup>, TDCV<sup>+06</sup>, TMP<sup>+13</sup>, VGSV09, VSD<sup>+97</sup>, VD98]. **communities** [Vri13, WW04a, WLC99, XGL15, XSM<sup>+19</sup>, YWI<sup>+02</sup>, YPY<sup>+13</sup>, ZFA<sup>+02</sup>, dSEDW11]. **Community** [BGB08, FWP<sup>+07</sup>, GBH<sup>+01</sup>, HTD13, HPM02, JBR<sup>+18</sup>, LPPC<sup>+10</sup>, MSH10, PF04a, PBO<sup>+11</sup>, RMB05, SSI<sup>+09</sup>, WREC18, AHR<sup>+06</sup>, AYMSAS19, ADBU18, Ano97c, ACBMQ08, ADGA05, ADGA06, AS95, BH14, BS03, BBH05, BCN<sup>+16</sup>, BGCH20, BGWF08, BG94, BF14, Blu01, BDG<sup>+04</sup>, BMGC09, BGKB06, BL01b, BLC<sup>+02</sup>, BLS<sup>+08</sup>, BMSBM<sup>+17</sup>, CLC<sup>+98</sup>,

CTBNL08, CDM23, CSW<sup>+17</sup>, CSGC03b, CCW<sup>+08</sup>, CBW01, CBHF10, CKB<sup>+07</sup>, CPEN08, CMB12, CRI18, CJM<sup>+22</sup>, DSN<sup>+10</sup>, DGN<sup>+17</sup>, DCA09, DPS<sup>+14</sup>, DBS98, ENM<sup>+14</sup>, ENM<sup>+16</sup>, EBDL08, ECS<sup>+17</sup>, FSP<sup>+16</sup>, Fro04, FAMY20, GdRGH<sup>+14</sup>, GML99, GGPM05, GQ09, GS06b, GKGW22, HWTP07, HAH<sup>+01</sup>, HKN<sup>+09</sup>, HNK<sup>+12</sup>, HWS<sup>+98b</sup>, HSR<sup>+22</sup>, HKP10, HSK<sup>+00</sup>, HZYZ10, HHX<sup>+10</sup>, HWTN22, Hug14, HPS<sup>+11</sup>, IIM02, IHI<sup>+97</sup>, JMN<sup>+15</sup>, JTK<sup>+14</sup>, KBL01, KSH<sup>+09</sup>, KFG<sup>+03</sup>, KCTG16, KAM<sup>+20</sup>, KW00, KNN<sup>+06</sup>, KCO<sup>+19</sup>, LCD<sup>+24</sup>, LRR<sup>+04</sup>, LK02, LHD<sup>+22</sup>, LDBvdB17].

**community** [LRN<sup>+14</sup>, LMM<sup>+97</sup>, LPPCF10, LGML00, LMKL09, LLH<sup>+15</sup>, LWW<sup>+15</sup>, LTW<sup>+22</sup>, LXS<sup>+13</sup>, LLT<sup>+00</sup>, LDSV98, MC05, MBHN02, MBHB09, MWK<sup>+20</sup>, MK21, MC18b, MCH22, MNV<sup>+20</sup>, MLK<sup>+12</sup>, MCL<sup>+12</sup>, MLS<sup>+15</sup>, MPTW11, NGS<sup>+15</sup>, NGS<sup>+20</sup>, NMC<sup>+07</sup>, NTH10, NPA<sup>+22</sup>, OYM<sup>+13</sup>, OYK15, OS02, PKW07, PK03, PTD<sup>+14</sup>, PMS<sup>+07</sup>, PABH07, PCP<sup>+17</sup>, QED<sup>+14</sup>, RKTG14, RSF<sup>+99</sup>, RIBW99, RWZ<sup>+02</sup>, RSR10, RMNB08, RBS<sup>+17b</sup>, SD06a, SWL<sup>+18</sup>, SSMM<sup>+08</sup>, SLMP07, SLA<sup>+01</sup>, SFW08, SRF<sup>+09a</sup>, SFV<sup>+98</sup>, SSAL<sup>+17</sup>, SVS93, SAW16, SSI19, SMB<sup>+98</sup>, SSP<sup>+06</sup>, SE14, SGM<sup>+14</sup>, SCWK08, SWMB10, SKH10b, SHC<sup>+00</sup>, TBEW99, TZS<sup>+01</sup>, TLSY11, TLSW15, TLR<sup>+00</sup>, TDKA05, UKM16, ULTL16, WGB<sup>+04</sup>, WAT12, WvdEM00, WCH<sup>+93</sup>, WBD17, WABW02, WTT<sup>+20</sup>, WvdE00, WvdEP<sup>+10</sup>, YHK15, YJL16, YNK07, Zel01, ZJH08, ZLW<sup>+19</sup>]. **compagnoi** [SLC<sup>+15</sup>].

**Comparative** [EAB<sup>+20</sup>, GMR<sup>+05</sup>, HPN<sup>+12</sup>, JASS02, KKSA19, LTG<sup>+09</sup>, RWN<sup>+08</sup>, Sum19, ZJH08, BDW<sup>+96</sup>, HAE<sup>+17</sup>, KYW20, LDHO<sup>+14</sup>, LH15, LPS14, MKD<sup>+20</sup>, NEO<sup>+07</sup>, RNP93, WZZ<sup>+23</sup>, WCS07, XZW<sup>+19</sup>].

**compared** [BQT08, LCE<sup>+23</sup>, SA15b, WGR<sup>+95</sup>]. **Comparing** [DLW<sup>+17</sup>, HON<sup>+13</sup>, HWJ20, Jac95a, KSM<sup>+11</sup>, OLP<sup>+20</sup>, WAC<sup>+09</sup>, FR10, NA13].

**Comparision** [OE06]. **Comparison** [ATM<sup>+07</sup>, AGGdC14, CBK<sup>+07</sup>, Dri09, Dud06, ETP<sup>+16</sup>, HPH<sup>+16</sup>, IYM10, KJL<sup>+17</sup>, KKD06, MR15, NRH<sup>+20</sup>, SRDV07, SKM<sup>+12</sup>, SGM<sup>+14</sup>, SKW07, TRM<sup>+15</sup>, WBO07, YLK<sup>+15</sup>, Zim19, bsBD<sup>+20</sup>, vdLBB<sup>+02</sup>, ABKL96, BAS00, BMML06, BGB08, BB03, BWAS02, BRBD17, Boy02, BBBM04, BL06, CFGR07, CFJL96, CFS<sup>+06</sup>, CES98, CC15, CCL<sup>+14</sup>, CMT93, CBW01, CM01, CDJM04, Dal04, DEL<sup>+17</sup>, DKJ13, DLKP14, DBC<sup>+02</sup>, DBH<sup>+20</sup>, EMG<sup>+15</sup>, FRC<sup>+10</sup>, FO05, GSGS01, GLdS<sup>+09</sup>, GWP<sup>+98b</sup>, HBP<sup>+14</sup>, HPS<sup>+13</sup>, HZS00, HCHD09, HIA<sup>+16</sup>, JVDH08, Kam18, KGE<sup>+04</sup>, LB98a, LR97, LMG93, LW15, MBW<sup>+03</sup>, NVK<sup>+04</sup>, RJWD01, RD97, RHPC<sup>+19</sup>, RTC<sup>+07</sup>, RAL<sup>+01</sup>, SCGDU09, Sch02a, SVKT20, SFK<sup>+12</sup>, SCWK08, WPHL02, WCRG95, WAT12, WEB93, YD09, ZNM<sup>+02</sup>].

**Comparisons** [JWS01, MPZ04, MBS05, TSWJ12, CRT<sup>+00</sup>, DIM<sup>+12</sup>, HJS<sup>+10</sup>, MSH10, MDI<sup>+12</sup>, RDLZ02, WBJ<sup>+98</sup>]. **compensation** [SVS<sup>+20</sup>].

**competence** [BA01]. **competency** [GdRGH<sup>+14</sup>, VSGM03a, VSGM03b].

**competing** [PSUH<sup>+16</sup>]. **competition** [ARWM13, DMFB19, LSWH07].

**compilation** [LMB<sup>+98</sup>, Lut09]. **compiled** [FRW00]. **Complementarity** [Bro19]. **Complementary** [MS18]. **Complete** [FB14]. **Complex** [DSE<sup>+14</sup>, DDB<sup>+17</sup>, DJC<sup>+14</sup>, KBB07, ROB<sup>+17</sup>, SDT<sup>+17</sup>, SJD<sup>+11</sup>, TT17, Vri09].

**complexation** [BSS15, PD01, TGK<sup>+11</sup>, TAL<sup>+12</sup>]. **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, FCBD08, 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, BVV<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+06]. **contiguous** [MSG018]. **Continent** [SSC+23].

**Continental**

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

**continental**

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

**continental-shelf** [FGU04]. **Continuity** [FBB+13, PSK+00b]. **Continuous**

[CDG00, NMW+09, FWS94]. **contourite** [HMLS+06]. **contraction** [FJR+20]. **Contrasted** [JTK+14, BGG+09, JAM+14]. **Contrasting** [BSW+13, BSR08, CEG+11, CMC11, MWF+19, MCS+09, NRS14, SHC+22, TPW07, TBW+11, dCHdOF+18, BBE+13, DDB+97, GFW07, KMB11, LGO08, NCR+08, SKL+22, Wit00, vdLEM+14]. **contribute** [CCS+16].

**contributing** [ANL13, FGH+13a, PDY20]. **Contribution**

[Ano09b, LTS+13, MRSLM+19, NAT+12, AHHCR23, BMS+18, BH99a, BRPI02, DURP03, DB97a, Har06, JSP+17, KW03, KNB11, LKJ+15, OT03, RvAH10, RT20, SWSL14, TRH+08, WDKC00, ZdBB+07, IPH+17].

**Contributions** [DO96, GBB+17, CPM+18, KD13, LCL+98]. **contributors**

[Gra09]. **Control** [KMC05, PHS+11a, SD96, ADRS19, Arm03, BSSK+08, DSN+10, ECD06, EAF+17, FAS+03a, HC01, HBCG14, HH03, HSW+02, HPS+11, HRG+16, HKY+16, KIIW03, LMDW06, LHKHH10, MLG+02, MTWC+15, ML20, NGS+15, NCCR+12, SFR+06, SLS+10, SBD+97, SFW+13, SFZ+13, TBB+08, WZW+22]. **controlled**

[HDPI99, JB01, WGR+97]. **Controlling**

[WC09, ZWC+15, BN05, BCM02, BES95, GSMB01, HB03, HWTN22, KMO09, KMLT06, LL00, MLS01, SGC03, VPP07, WMM02]. **Controls**

[AM02, BMG+17, DRH+09, ETDB11, HPY+15, HKO+17, LG15, MMG+07, WKM+07a, ARF+13, AMN+02b, CMB12, DS21, DWHM06, ECD+17, FGF+14, FAS+03b, HWC07, MPH+95, MDB98, MHB05, PLR02, PVRA07, TCH+16, WCMB06, WRZ+19]. **convection**

[BK99, Car07, GKH<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, SLLT10]. **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, 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, 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, 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, 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**

[FLTV04, 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]. **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, 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]. **Croker** [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].

**cruises** [AE02, BCH<sup>+96</sup>, BAC<sup>+15</sup>, BG09b, CAMA<sup>+02</sup>, CP22, DLB<sup>+11</sup>, HMW<sup>+15</sup>, LUV99, MHFM15, Mur06, WBM<sup>+10</sup>, WWN<sup>+02</sup>]. **crust** [ACBV<sup>+18</sup>, GNT<sup>+17</sup>]. **Crustacea** [BPBJ13, MKKB14, MS11, NCL13, SM15, Wil08, DKGT04, AS01a, Ang10, BBBM04, BB04, CB00a, EWP<sup>+99</sup>, HNS<sup>+11</sup>, HRS<sup>+23</sup>, JLL<sup>+13</sup>, KB15, LMS15, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, Mar18, RHW04, RMBW07, SLB18, SR08b, VAM97]. **crustacean** [DND04, MCB<sup>+15</sup>]. **crustaceans** [BBR<sup>+18</sup>, GBPB<sup>+13</sup>, Mar18, PHS17a, WPB11]. **crusts** [ÇYB<sup>+18</sup>, GPBV<sup>+07</sup>]. **cryosphere** [SK07]. **Cryptic** [ABE<sup>+11</sup>, Vri09, BDR16, GRB<sup>+17</sup>, MMN10]. **cryptophytes** [MTD<sup>+18</sup>]. **crystallinity** [NAT<sup>+12</sup>]. **crystallorophias** [JH04, LLK<sup>+16</sup>, NVK<sup>+04</sup>]. **Cs** [HA03, Ike03, LLLP<sup>+03</sup>, NP03, OHT12, PFG<sup>+03</sup>, PdBK<sup>+03</sup>, TKP<sup>+20</sup>]. **CTD** [BKST13, SSWM18, STP<sup>+16</sup>]. **ctenophores** [MMY<sup>+20</sup>, PHKW10]. **ctenostome** [GC15]. **Cu** [AIW03, NOT<sup>+09</sup>, NEN<sup>+07</sup>]. **cucumbers** [OPDM11, WYIT13]. **Cultivation** [CKJ<sup>+16</sup>, LTG<sup>+09</sup>, ZWZ18]. **Cultivation-independent** [LTG<sup>+09</sup>]. **culturable** [MFM<sup>+18</sup>]. **culture** [MNB02]. **cultures** [JS14, TVLB08]. **Cumacea** [LMS15]. **Cumacean** [MS11, Wat09]. **cumulative** [PJLO<sup>+17</sup>]. **curl** [DDLK06, KKD06, YAOW05]. **Current** [Ant10, BPS00, BPC05, BV98, BKM07, BCW03, BL03, CC00, CPM<sup>+18</sup>, CMRI13, Di 03, DMW<sup>+07</sup>, EPPR09, FEB<sup>+13</sup>, GGAMV<sup>+23</sup>, GMCR18, GQ09, HV03, JR15, KVPK20, LKLK17, MHG<sup>+04</sup>, MPI07, PO15, QLU09, Reb03, SRF09b, SFH<sup>+18</sup>, SJ00, TAB<sup>+05</sup>, YHC<sup>+15</sup>, AGAB19, BG94, BMM<sup>+99</sup>, CHN<sup>+18</sup>, DLLK15, DCA<sup>+98</sup>, DBDT03, Eif05, EBG<sup>+11</sup>, FKS18, HMW00, Hen19, HMLS<sup>+06</sup>, HS05a, HVBO08, JW05a, JW05b, Led93, MB96, ML04, MSBS01, NPF<sup>+09</sup>, Ou05, PFX<sup>+02</sup>, PGS14, PP20, RR96, RDW<sup>+22</sup>, RF99, RG03, RdR03, SSY<sup>+05</sup>, SSSC19, TRM<sup>+14</sup>, TWL<sup>+15</sup>, Wea93, YFL<sup>+23</sup>, ZW23, vGCM00, AL98, AST<sup>+05</sup>, AGS<sup>+02</sup>, BFF<sup>+07</sup>, BC03, BRL<sup>+03</sup>, BLH05, BSL11, BT03, CK03, CH24, CMR<sup>+18</sup>, CPS05, CWTJ03, CPC<sup>+03</sup>, CMC11, CMJ<sup>+18</sup>, DD15a, DD15b, DCSV19, FM03a, FMFW07, FG97, Gau07, GO15, GOGCDB18]. **Current** [GS06b, HLR<sup>+09</sup>, HWTP07, HDD<sup>+11</sup>, HS98, HV98, HGMA<sup>+02</sup>, dITGCAB<sup>+03</sup>, HZK04, HGM<sup>+11</sup>, HWP<sup>+07</sup>, HKO<sup>+17</sup>, HBK<sup>+98</sup>, JHS<sup>+17</sup>, JDBP<sup>+05</sup>, KKMSM12, KLK<sup>+15</sup>, KGKS20, KT06, Kla97, KHGL<sup>+02</sup>, Lad14, LO03, LJHAA19, LL01, LOA13, LDD<sup>+97</sup>, MDJS11, MFPL19, MW99, Mar19, MDB98, MBLM03, MJG<sup>+13</sup>, MNSMN<sup>+04</sup>, MRD13, MBOvL08, MGC<sup>+01</sup>, MFFM03, MBO07, NSH<sup>+10</sup>, OCT<sup>+19</sup>, PK03, PCJ<sup>+05</sup>, PRMM<sup>+17</sup>, RPMS95, RMB05, RB06, RPM07, RBP<sup>+05</sup>, Ric05, RAL04, RMBG11, RFQ99, SDB<sup>+97</sup>, SM03, SBC<sup>+16</sup>, SS99a, SGP<sup>+02</sup>, SLP<sup>+17</sup>, SB05, SYB<sup>+11</sup>, SHKW05, SRS11, STS11, SS13b, TLSW15, TCJ<sup>+11</sup>, TdFAL19, VMBS03, VPSL15, WTP<sup>+07</sup>, WPG<sup>+07</sup>, WDR05, YSBH06, YHC<sup>+11</sup>, ZSIW21, vdLCS<sup>+11</sup>]. **current-dominated** [BG94]. **Current/Undercurrent** [ZSIW21]. **currently** [CBMM15]. **Currents** [DD15a, Fir96, SDK<sup>+16</sup>, SBK<sup>+16</sup>, YC05, AAB<sup>+97</sup>, BKM07, BLO04, BB98, Blu93, BRSB16, CIMT19, CMH<sup>+20</sup>, CJ19, CH19, DBG<sup>+16</sup>, FKH05, FWS94, FK98, GOM<sup>+09</sup>, Grü99, KAW<sup>+16</sup>,



KOR06, LWL<sup>+24</sup>, LCG03, LSH<sup>+24</sup>, LTY<sup>+03</sup>, NR00, PCT18, Pap05a, PK13, PFW<sup>+20</sup>, PF06, RA98, SMS01, SDT<sup>+17</sup>, SP09, SHM<sup>+20</sup>, SM20, SCS<sup>+98</sup>, SHKW05, TP96, VTD<sup>+20</sup>, WC06a, WEB93, WTJ<sup>+19</sup>, ZLZ<sup>+15</sup>, Car01]. **curvatum** [WTS08]. **cuttings** [JBJ17, PFC09, SLS<sup>+09</sup>]. **Cuvier** [BNKJ23]. **cyanobacteria** [ANL13, SSW05, SKH<sup>+10a</sup>, Uys06]. **cyanobacterial** [WLC99]. **Cyatholaimidae** [MM15]. **cycle** [ASFI02, BLS<sup>+97</sup>, BFF<sup>+10</sup>, BMK09, BCP<sup>+15</sup>, CDP<sup>+02</sup>, DGA<sup>+11</sup>, FGB10, FSK<sup>+05</sup>, GWZ16, Hat02b, HWS<sup>+13</sup>, HFL<sup>+15</sup>, HDW<sup>+20</sup>, HPS<sup>+11</sup>, JKJ<sup>+22</sup>, JCM<sup>+13</sup>, KPPL00, KMDW01, LGHD20, LWL<sup>+24</sup>, LBM<sup>+17</sup>, LW15, Lip01, MPG<sup>+97</sup>, MTT<sup>+12</sup>, MQACB08, PDC<sup>+99</sup>, Pro09, QTPS97, RIHGS00, SNB02, SMHB00, SWLL23, SKH<sup>+10a</sup>, TP02a, WCRG95, WB01, WC01b]. **Cycles** [ZHX<sup>+16</sup>, AMTE09, Ber24, BD02, BL96, CFGR07, LN01, PDH<sup>+11</sup>, SSP<sup>+06</sup>, Ste10, SAB<sup>+07</sup>, TP02b, TIKS03, WWN<sup>+02</sup>]. **Cycling** [OL15, APL<sup>+23</sup>, ARC02, AT10, AHV<sup>+17</sup>, Ano99a, Bau02, BDWG02, BD94, BMO93, CFJL96, CTGD08, CFV<sup>+18</sup>, CB09a, CBB<sup>+00</sup>, CMTS97, CC01, DNM<sup>+16</sup>, DSD12, DeM02, DVPR06, DMY<sup>+97</sup>, ETD<sup>+11</sup>, FGU04, FLTV97, FML<sup>+93</sup>, FC07, HBCC13, HZWW16, JBS<sup>+13</sup>, JBVW12, KWH<sup>+05</sup>, LRFK99, LSS<sup>+09</sup>, LLB<sup>+00</sup>, LL00, LDFS93, LKK<sup>+95</sup>, MLS<sup>+06</sup>, MNPT06, MDGF01, OFD<sup>+22</sup>, PHS<sup>+17b</sup>, RvAH10, RJDR06, STN<sup>+09</sup>, SF04, SFW08, SGC03, SP06, TVL<sup>+00</sup>, ULTL16, WYPY06, WWC<sup>+19</sup>, WJD<sup>+00a</sup>, WJD<sup>+00b</sup>, ZGW<sup>+23</sup>]. **cyclo** [SVS<sup>+20</sup>]. **cyclo-stationary** [SVS<sup>+20</sup>]. **cyclone** [PP20, KND<sup>+08</sup>, LBR<sup>+08</sup>, LDS<sup>+08</sup>, NKD<sup>+08</sup>]. **cyclones** [DNK<sup>+08</sup>, LBR03, RBN<sup>+08</sup>]. **cyclonic** [CCW<sup>+08</sup>, EMW<sup>+08</sup>, GS08, MBNRB08, NSMBN08, NMWH19, VMM<sup>+08</sup>]. **CYCLOPS** [Kro05, KTB<sup>+05</sup>, ZDBG05]. **Cyclorhagida** [AM18]. **Cynoglossidae** [TTD13]. **Cyprus** [AKZL16, GHB<sup>+05</sup>, HDGM19, OGJ<sup>+19</sup>, ZDBG05]. **cyst** [ASK<sup>+05</sup>, AJG<sup>+10</sup>, BAD<sup>+14</sup>, MLH14, PHK<sup>+14</sup>, PAM<sup>+14</sup>, VCM<sup>+14</sup>, Zon97]. **cysts** [AKK<sup>+14</sup>, ABS<sup>+14</sup>, BFG<sup>+10</sup>, EPK<sup>+10</sup>, ESAG10, KTP05a, MTK05, OT10, PBG<sup>+10</sup>, RBCG10, SAG<sup>+10</sup>, SKM14a, ZB00]. **Cyt** [EGOO22, EBG<sup>+22</sup>]. **Cytheroidea** [KB15]. **cytometric** [DO96, OSCS00]. **cytometry** [BFK<sup>+14</sup>, FGB10, SOS01]. **CZCS** [BE00, RD97]. **CZCS-derived** [BE00].

**D** [Ano97b, Ano97c, Eif05, CBF01, Cok16, DLR<sup>+01</sup>, DP99, EB01, FM03c, FC01, GGLP02, GWP<sup>+98b</sup>, GMPS04, JCF<sup>+06a</sup>, JCF<sup>+06b</sup>, JDL<sup>+12</sup>, MRM<sup>+12</sup>, SKS<sup>+16</sup>, SGB<sup>+02</sup>, TLMT97, WTSP07]. **D-BAD** [GWP<sup>+98b</sup>]. **D-variational** [FM03c]. **Dactylanthus** [PB13]. **Daily** [ATS<sup>+96</sup>, CD95, PAM<sup>+04</sup>, GDA<sup>+15</sup>, GFPM02, MPPR14, SRAs<sup>+24</sup>]. **Dall** [MOA<sup>+18</sup>]. **damage** [RP18, YLG<sup>+18</sup>]. **Dangeard** [SDGH14]. **Danois** [GASGB<sup>+14</sup>, LPS14]. **dark** [Ano97c, CMBPM04, EGMB13, LMM<sup>+97</sup>, RIBW99, SH10, VCM<sup>+14</sup>]. **darkly** [NB10]. **Darnley** [GZGH22]. **Data** [LLM<sup>+17</sup>, MC12, SVS<sup>+20</sup>, Ala13, AGGdC14, ACG19, BC08, BCWT00,

BMML06, BWS<sup>+98</sup>, BS05, BS06, BWAS02, BSS<sup>+02</sup>, BBBM04, CFV<sup>+18</sup>,  
 CMB09, CLF<sup>+09</sup>, CFZ<sup>+18</sup>, CWP<sup>+15</sup>, CP18b, COJ<sup>+09</sup>, CLQ<sup>+18</sup>, CM99b,  
 DSK<sup>+13</sup>, DKC<sup>+17</sup>, DWW<sup>+02</sup>, DBC<sup>+02</sup>, EMG<sup>+15</sup>, FRW00, FWS94, Fri01,  
 FHW06, GBC<sup>+13</sup>, GMR06, GCD<sup>+06</sup>, GdRGLS04, Gol15, Gol18, GDC11,  
 HSO04, HM14, HGAB04, HPH<sup>+16</sup>, HFKY05, HSR<sup>+22</sup>, HHKH<sup>+04</sup>, HBM<sup>+07</sup>,  
 HZZ10, HA96, IS07, JBC<sup>+21</sup>, KKMSM12, KGKS20, KK20, KFH01, KBE<sup>+04</sup>,  
 LSF<sup>+01</sup>, LHS96, LM13, LPM<sup>+19</sup>, MBG18, Mal15, MHB<sup>+23</sup>, MRD13,  
 MGK<sup>+17</sup>, MBMGK08, MRM<sup>+12</sup>, NCSO13, NA09, NBBBT13, OAH<sup>+16</sup>,  
 OLP<sup>+20</sup>, PGM<sup>+15</sup>, PNS<sup>+09</sup>, PTA<sup>+99</sup>, PDB<sup>+16</sup>, RMBW07, Reb03, RD97,  
 RHPC<sup>+19</sup>, RG93, RTC<sup>+07</sup>, RVZ02, RAL<sup>+01</sup>, RCKCK07, RPF<sup>+16</sup>, SSWM18,  
 SC10, SSHB03, SLP<sup>+09</sup>, SRA<sup>+09</sup>, SWLL23, SMPSPG<sup>+04</sup>, SMA01, SDK<sup>+16</sup>].  
**data** [SCQ<sup>+09</sup>, SGP<sup>+11</sup>, TCEW07, TMGLM19, VTA<sup>+11</sup>, VALW23,  
 WHLR13, YKN07, ZKSS06]. **data-assimilative** [CLF<sup>+09</sup>, MHB<sup>+23</sup>].  
**data-driven** [RG93]. **data-reduction** [PNS<sup>+09</sup>]. **Database**  
 [CMR<sup>+18</sup>, RSD<sup>+97</sup>, SRAs<sup>+24</sup>]. **datasets** [WW23]. **dating**  
 [FRC<sup>+10</sup>, SKS<sup>+16</sup>]. **Dawson** [Ano97b]. **days** [KMLC<sup>+04</sup>]. **DCM** [TAB<sup>+02</sup>].  
**dead** [MGK19]. **debate** [ABE<sup>+11</sup>]. **debris**  
 [DF16, DMC<sup>+17</sup>, Kyt02a, Kyt02c, PJC19, SIA<sup>+05</sup>].  
**decabromodiphenylethane** [CHW<sup>+12</sup>]. **Decadal**  
 [Bea09, BT03, GMBL10, HALV18, HWL06, KST<sup>+99</sup>, LSHP01, MSC<sup>+19</sup>,  
 Met09, PSAY20, APB<sup>+09</sup>, ACK<sup>+14</sup>, BFH<sup>+11</sup>, CLPL<sup>+09</sup>, DGS<sup>+05</sup>, FHR<sup>+11</sup>,  
 HC15, HS07, HK01, HGM<sup>+11</sup>, IIM<sup>+09</sup>, KSBK01, LK11, LWL<sup>+24</sup>, MCL<sup>+19</sup>,  
 NI10, NBB<sup>+02</sup>, RR10, SAM05, TSW<sup>+09</sup>]. **Decadal-scale**  
 [GMBL10, LSHP01]. **decadally** [QC10]. **Decade**  
 [PC18, DD06, GVVW<sup>+19</sup>, HTK<sup>+10</sup>, RP18, SCB<sup>+01</sup>, TSSR20]. **Decade-scale**  
 [PC18, SCB<sup>+01</sup>]. **Decades**  
 [Ano07d, KDMH18, KRHS20, LBJ<sup>+13</sup>, PWF03, PCY<sup>+13</sup>, VAT23]. **decapod**  
 [CPF<sup>+14</sup>, Mar18, PHS17a]. **Decapoda**  
 [NCL13, CB00a, CRT<sup>+00</sup>, LDBS<sup>+17</sup>, Mar18]. **decapods**  
 [MCB<sup>+15</sup>, MBM<sup>+00</sup>]. **decay** [FM03a, WLH<sup>+16</sup>, DKdS<sup>+03</sup>]. **decaying**  
 [TWD<sup>+08</sup>]. **December**  
 [AE02, Ano98l, Ano21a, Ano22o, Ano23c, MDSA19, OTH05]. **Deception**  
 [BS03, CRBK03, CKL03, KFG<sup>+03</sup>, KRW03, KL03, LT03, RHZ<sup>+03</sup>, SGD<sup>+03</sup>,  
 BAKF03, GUSB03, IAC<sup>+03</sup>, LCG03, SBKS03, SBG<sup>+03</sup>]. **Deciphering**  
 [DPY14, GLBB11]. **Decision** [ZDP<sup>+16</sup>]. **deck** [TPW<sup>+16</sup>, WW04a]. **decline**  
 [APL<sup>+23</sup>, RMPI<sup>+17</sup>, SF10, TSN<sup>+06</sup>]. **Declines** [PW12]. **declining**  
 [CFGR07, STN<sup>+06</sup>]. **Decomposition** [EAS<sup>+09</sup>, HVN02, NSKG96, SBG<sup>+98</sup>].  
**decompression** [LTG<sup>+09</sup>]. **Decorrelation** [AL98]. **Decoupling**  
 [Mil94b, MQACB08, RDP<sup>+02</sup>, vdMLB<sup>+11</sup>]. **decreased** [GGCM17].  
**dedicated** [Kro05, ZDP<sup>+16</sup>]. **Dedication**  
 [Ano06a, Ano11a, DCBS98, MLB<sup>+10</sup>, MTD<sup>+09</sup>, ROY13, Row08]. **deduced**  
 [SSY<sup>+05</sup>]. **Deep** [AN06, ANS<sup>+11</sup>, Ano95b, Ano96d, Ano96f, Ano96g,  
 Ano97b, Ano97c, ADGA06, AL13, BOC18, BHMK08, BS06, BCE18, BT98,  
 BBB<sup>+07</sup>, CKFC18, CC00, CKY23a, CKY23b, CM16a, CSGV13, CBF<sup>+16</sup>,

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, ACPV04]. **deep** [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, 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, FB14, FDR<sup>+</sup>18]. **deep** [FYS<sup>+</sup>17, Gag04, GMR<sup>+</sup>09, GTSC08, GBC<sup>+</sup>13, GKH<sup>+</sup>07, GLBB11, GSW99, GSM<sup>+</sup>08, GBP<sup>+</sup>13, GPBV<sup>+</sup>07, GCKC07, GRSW00, 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, Jaz15, 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, MBP<sup>+</sup>20, MS06a, MP17]. **deep** [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, 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, 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, SSAL<sup>+</sup>17, SNS<sup>+</sup>07, SO98, SNB02, SC16].

**deep**

[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, 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, 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, CRD<sup>+</sup>17, CHS17]. **deep-sea**

[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, GBPB<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, RSW<sup>+</sup>13, RE98, RIHGS00]. **deep-sea**

[RAF<sup>+</sup>14a, RAF<sup>+</sup>14b, RKM23a, RSS01, RSdV<sup>+</sup>09, Row13, RPZ<sup>+</sup>14, 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>+18</sup>, WAM<sup>+18</sup>, Wil98, WTA<sup>+18</sup>, WL02, WPSB11, XSL<sup>+17</sup>, YLG<sup>+18</sup>, YERT13, ZBC<sup>+13</sup>, ZLZ<sup>+15</sup>, ZJFV15, ZWZ18, BDG<sup>+04</sup>, SA15a, CDB94]. **deep-seabed** [LLC17]. **Deep-water** [BOC18, Dau18, GC18, HSD04, Ste13, Ala13, AAG19, BM17, BFT10, BW99a, BL04, BSSE16, BWH<sup>+17</sup>, BBW<sup>+15</sup>, CP13, CMVS<sup>+10</sup>, CG15, DMS<sup>+10</sup>, DRRBC16, Di 10, EP18, HAP03, HWS<sup>+07</sup>, Lin04, MWS<sup>+15</sup>, MTR<sup>+10</sup>, MBD<sup>+17</sup>, MBMGK08, PBG07, PFC09, RS15, RVD<sup>+10</sup>, SGPD<sup>+14</sup>, SAL95, TH99, VSR<sup>+10</sup>, VFFM13, WTS08, WST15, WGST08, YBRT17]. **deeper** [BPBJ13]. **deepest** [AM15]. **DeepLev** [KWA<sup>+20</sup>]. **Deeps** [JSWB21, KGB16]. **deepwater** [AM18, AD08, JD08, MB08, ZRC<sup>+11</sup>, Joy16, LLG<sup>+16</sup>, PFDD16, SEM16, SAW16, ULTL16, WZL<sup>+16</sup>, YNG<sup>+16</sup>, ZA16, ZJA16]. **deepwaters** [ZA16]. **defense** [TTDR13]. **deficiency** [DVS<sup>+97</sup>, FCG<sup>+96</sup>, KBSS93]. **deficient** [DAKR20, FDC<sup>+18</sup>, GBLS00, PHD<sup>+18</sup>]. **deficit** [DGP20, SRF09b]. **deficits** [RI05]. **defined** [VGGLB15, ZFA<sup>+02</sup>]. **Defining** [DHS<sup>+14</sup>, HYMD11]. **definition** [MCH<sup>+13</sup>]. **deformation** [GPC18, HHW<sup>+08</sup>, HEW15]. **deglacial** [CKS05]. **deglaciation** [HSS<sup>+12</sup>, SSR<sup>+14</sup>]. **degradation** [AZYT16, HCRX16, MGG<sup>+09</sup>, NCT13, PRC<sup>+09</sup>, VCSM09, YCT<sup>+22</sup>]. **degrading** [BCN<sup>+16</sup>, RPZ<sup>+14</sup>, YNG<sup>+16</sup>]. **Degree** [DSK<sup>+13</sup>, JTDG13, OWD13]. **dehydrogenase** [GQ09]. **deleterious** [PWL07]. **delimitation** [BBT<sup>+18</sup>, KBK<sup>+18</sup>]. **Delineating** [BH14, OKY<sup>+17</sup>]. **Delineation** [VGGLB15]. **delivering** [MBS<sup>+13</sup>]. **Delmarva** [CWFP94]. **Delphinapterus** [EF98]. **demand** [CBW01, CBA<sup>+05</sup>, HMC09, HLM<sup>+01</sup>, MBC<sup>+09b</sup>]. **Demersal** [BMH08, MRMP09, NHBM10, WPFB11, CJA<sup>+06</sup>, CSCP13, CLJ<sup>+13</sup>, FVW08, KBFH14, LCL<sup>+22</sup>, LAJP13, MDG13, MG13, NSWY20, PKHH17, PDB<sup>+20</sup>, QSA<sup>+09</sup>, WBD17]. **demographic** [GWDP11, PDC<sup>+21</sup>]. **Demography** [CAJE15, HKN<sup>+04</sup>, KNV<sup>+10</sup>, PTS01, SKW<sup>+04</sup>]. **Demospongiae** [KGB<sup>+14</sup>, SKS<sup>+23</sup>]. **denaturing** [RSF<sup>+99</sup>]. **Dendrilla** [LPAR24]. **Dendrophyllia** [OGJ<sup>+19</sup>]. **Dendrophylliidae** [ROC<sup>+21</sup>]. **Denison** [HGM<sup>+11</sup>]. **Denitrification** [GBG15, SSR96, CD09, CCK<sup>+16</sup>, FL02, HBT<sup>+08</sup>, HWS<sup>+13</sup>, SWC09]. **denitrifying** [BRM18, GKB<sup>+18</sup>]. **Dense** [BH94, ABG<sup>+20</sup>, GOC09, JCP<sup>+22</sup>, OGC09, PHOM09, SHB02]. **densification** [You10]. **densities** [DLW<sup>+17</sup>, SN00]. **Density** [FHvFM08, dSG09a, BLB<sup>+11</sup>, BGB08, BASLK04, BSL08b, CTW<sup>+15</sup>, CAC<sup>+97</sup>, EW99, HSBT19, HKN<sup>+04</sup>, KOM17, KGE<sup>+04</sup>, LPK<sup>+17</sup>, LLM<sup>+17</sup>, NCSB<sup>+98</sup>, PLD<sup>+17</sup>, PO15, WC06a, YBC<sup>+17</sup>, ZFP<sup>+16</sup>, ZWJ<sup>+19</sup>]. **Deoxygenation** [WREC18]. **dependence** [SO98]. **dependent** [BMHR08, DVS<sup>+14</sup>, OLP<sup>+20</sup>, Pör06, SDL22, STS<sup>+15</sup>, TCG<sup>+18</sup>]. **depicted** [PMLM<sup>+02</sup>]. **Depleted** [CHL<sup>+15</sup>, SNK07]. **depletion** [BL98, SVS93, TYBY06]. **deployments** [ACD<sup>+17</sup>, MC06]. **depocenter** [ARK<sup>+94</sup>]. **deposit** [DBH<sup>+20</sup>, KME18, MDTS08]. **deposit-feeders** [DBH<sup>+20</sup>]. **depositing** [OMY<sup>+03</sup>]. **Deposition**

[CG18, DTB<sup>+02</sup>, CKH<sup>+05</sup>, CLGM05, DBD03, GRD<sup>+08</sup>, IGN<sup>+10</sup>, LKH<sup>+07</sup>, NVBJ08, PSK00a, SHD<sup>+14</sup>, SBD05, SZG<sup>+13</sup>, SKM14a, SLB13a, TMP<sup>+19</sup>, TBA<sup>+02</sup>, VKGP<sup>+11</sup>, VM01, ZEGB97, dSJB<sup>+11</sup>]. **depositional** [Cha03, DBJ97, GMC97, HMLS<sup>+06</sup>, KSB<sup>+03</sup>]. **deposits** [CH07, GPK02, LCK<sup>+18</sup>, PTD<sup>+17</sup>, PCB<sup>+17</sup>, Sch07, TBC<sup>+17</sup>]. **Depression** [WB03]. **Depth** [CSL<sup>+07</sup>, DKT<sup>+01</sup>, LBR<sup>+08</sup>, ZWL<sup>+22</sup>, ARB<sup>+13</sup>, BRJM18, Ber01, BSJ13, BRBD17, CdST<sup>+17</sup>, CBHF10, CG04, CP05, DBBWH20, FHvFM08, GGRW99, GHIM04, GHG<sup>+04</sup>, GG02, GARVK04, KCM<sup>+14</sup>, LG09, LB14, MS09, MHA<sup>+15</sup>, MWB<sup>+09</sup>, NDE14, PDB<sup>+20</sup>, QW15, RPS<sup>+11</sup>, RLB18b, SLB18, SIFS10, SVS<sup>+20</sup>, SHW<sup>+16</sup>, SWMB10, TR06, TLSY11, TCEW07, TMP<sup>+13</sup>, WEB93, WSB08, WHLR13, Yu03]. **Depth-stratified** [LBR<sup>+08</sup>]. **depth-wise** [BRJM18]. **depths** [CPF<sup>+14</sup>, CDDC03, EGMB13, FC09, HTD13, JLL<sup>+13</sup>, Kam13, NBCT13, PDY20, PRSS23, RJT11, SW09, SM15, SLM<sup>+20</sup>, SHM<sup>+11</sup>, SCPC98, TNT<sup>+15</sup>, YWI<sup>+02</sup>]. **derived** [ACBV<sup>+18</sup>, AZYT16, ATN<sup>+12</sup>, ASFI02, BS01, BSM01b, BB03, BTRL99, BAH<sup>+95</sup>, BBA<sup>+98</sup>, CFGR07, CC15, DGR19, EPPR09, FHYI03, GHB<sup>+05</sup>, Grü99, HLG<sup>+21</sup>, HSR<sup>+22</sup>, KL06, KK20, KMG<sup>+20</sup>, KLKB95, LMvDA16, LLH<sup>+15</sup>, LBY<sup>+10</sup>, MS12, ME02, MSTT07, NBBBT13, OMS06, OE06, Osc01, PG18, PDS<sup>+17</sup>, SR08a, SSHB03, SP09, SWLL23, SJ00, SP06, VMM<sup>+08</sup>, WPSB11, BE00, LTG<sup>+09</sup>, SMLP04]. **Deriving** [LW04]. **Desbruyères** [DCA<sup>+98</sup>]. **describe** [ZRG16]. **described** [AM15, ADGA01, AGP05, ADG<sup>+08</sup>, HRS<sup>+23</sup>, LB98a]. **Description** [BCNS15, MGE13, Ala15, Ala18, BBAL<sup>+20</sup>, BVL04, BSCE15, BBW<sup>+15</sup>, CKFC18, CSE<sup>+22</sup>, CB18, CP18a, CP18b, CK24, CPM<sup>+18</sup>, CBMM15, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, GUSB03, Gol15, GMB18, Gol18, HS98, HDGM19, KB15, KGS23, LC03, MFB18, MB18, Mar18, MM15, MBOvL08, NCK<sup>+22</sup>, OBH<sup>+18</sup>, PBB<sup>+13</sup>, PRSS23, Ste13, SC15, VWTK18, dMGPT<sup>+14</sup>]. **descriptions** [BBT<sup>+18</sup>, DAGK<sup>+17</sup>, GM22, Mal15, MG22]. **desert** [BLS<sup>+08</sup>, RHL<sup>+22</sup>]. **design** [CJF<sup>+98</sup>, DTJ<sup>+14</sup>, DKC<sup>+17</sup>, HWP<sup>+11</sup>, IMG<sup>+19</sup>, PWL07]. **designs** [PSK<sup>+14</sup>]. **Desmodora** [MFS<sup>+23</sup>]. **Desmodoridae** [MFS<sup>+23</sup>]. **desmosomatid** [BBT<sup>+18</sup>]. **Desmosomatidae** [Gol15, Gol18]. **despite** [BJF16]. **destination** [KL06]. **destinations** [GMD07, SSB<sup>+06</sup>]. **detachment** [HTT15]. **detect** [TCEW07, ZKSS06]. **detected** [HEW15, PO15]. **Detecting** [Bae11, KL13, SBH<sup>+01</sup>, HCRX16]. **Detection** [CLGM05, PBG<sup>+10</sup>, CC15, ESL<sup>+10</sup>, FD98, GDD<sup>+09</sup>, GMC19, ROBV<sup>+18</sup>, TAB<sup>+16</sup>]. **detections** [BCT21]. **determinants** [HLFP08]. **Determination** [MKKF18, ZDW<sup>+20</sup>, FWC<sup>+12</sup>, WWN<sup>+02</sup>]. **determinations** [RJWD01]. **determine** [BLS<sup>+97</sup>, DBN<sup>+11</sup>, KCTG16, SAM96]. **determined** [BDO00, BMRTL93, BHBC08, HHKH<sup>+04</sup>, KMDW01, MF93a, MLS<sup>+15</sup>, MYN<sup>+96</sup>, NCSB<sup>+98</sup>, RJDR06, RVZ02, RFB97, SiSA<sup>+02</sup>, STWW01, TRM<sup>+15</sup>, Wat09, WWB04, WvdE00, WvdEP<sup>+10</sup>]. **determines** [SWK<sup>+23</sup>]. **Determining** [GRC<sup>+03</sup>, SJL05, WLT20, GMK<sup>+08</sup>, VM01]. **deterministic** [FSL<sup>+01</sup>]. **detrimental** [WTT<sup>+20</sup>]. **Detrital**

[SBG<sup>+98</sup>, DBH<sup>+20</sup>, NAT<sup>+12</sup>, SMCA01, Sch07, WCB98]. **Detritivory** [MSJS08]. **detritus** [ATN<sup>+12</sup>, Heb00, RBP<sup>+94</sup>, SSV02, VD98]. **detritus-rich** [VD98]. **develop** [BY09]. **Developing** [AH17, IMG<sup>+19</sup>, RDW<sup>+12</sup>, RWR<sup>+02</sup>]. **Development** [Ano14, BKST13, CLF<sup>+09</sup>, CFZ<sup>+18</sup>, KUN10, LWSA08, LTL<sup>+23</sup>, MWS<sup>+15</sup>, MGT16, PZL<sup>+09</sup>, BSK<sup>+97</sup>, Bol08, BM07, BSH<sup>+11</sup>, CDP<sup>+02</sup>, CGD<sup>+15</sup>, CM01, Dal04, DPK<sup>+14</sup>, DKP<sup>+14</sup>, DTJ<sup>+14</sup>, DCC<sup>+01</sup>, GGRJD<sup>+10</sup>, Gou05, HSHM02, IABR<sup>+17</sup>, KCMA05, MPM<sup>+16</sup>, MBD<sup>+17</sup>, MXC15, NLDJ14, PH19, PDK<sup>+14</sup>, Pee97, RPA07, RFF<sup>+02</sup>, SSHB03, SFV<sup>+98</sup>, SPDW19, SSR<sup>+14</sup>, SMSA05, VPP07, WTS08, WW04a, WGNH15, WNRM08, ZQW19, vdLEM<sup>+14</sup>]. **developments** [DCA<sup>+98</sup>, XGF18]. **deviations** [BW99a, SLB13a]. **devices** [LMLC<sup>+17</sup>, OLP<sup>+20</sup>]. **devising** [HCJ<sup>+22</sup>]. **Devonian** [Mas02, Sch07]. **DFADs** [LMLC<sup>+17</sup>, OLP<sup>+20</sup>]. **DGGE** [RSF<sup>+99</sup>]. **diagenesis** [Cha03, HMB<sup>+96</sup>, MHB<sup>+95</sup>, PLdL97, PTD<sup>+17</sup>, PCB<sup>+17</sup>, TBC<sup>+17</sup>]. **diagenetic** [FSCC07, GPBV<sup>+07</sup>, WOM<sup>+16</sup>]. **diagnose** [RN06]. **diagnosed** [SMS<sup>+07</sup>]. **Diagnoses** [KM05b]. **diagnostic** [PHH<sup>+06</sup>, SGB<sup>+02</sup>]. **diameter** [PFW<sup>+09</sup>]. **Dianeutral** [You99]. **diapause** [PTWM12, SD06b]. **Diapir** [WMB<sup>+13</sup>]. **Diapycnal** [MD06, Thu06, MPH02, SF11, SD22]. **Diatom** [KLD21, LXWC21, RHPC<sup>+19</sup>, TSOT16, AWL<sup>+09</sup>, APL<sup>+23</sup>, ATJ05, AGPR95, ACBMQ08, BNFS01, CWS<sup>+23</sup>, CCH95, CHR97, CSS<sup>+02</sup>, FHR<sup>+14</sup>, FGW02, FAMY20, GPK02, KOS<sup>+16</sup>, KPPL00, KNB11, MPC99, MZR<sup>+95</sup>, MGC<sup>+14</sup>, MGG<sup>+09</sup>, OTK<sup>+05</sup>, OSHB07, OTH05, PA95, RMPI<sup>+17</sup>, SLS<sup>+07</sup>, SNB02, SKMDR02, SSLA95, SKF<sup>+10</sup>, TVLB08, TGFP02, TSN<sup>+06</sup>, TIS<sup>+13</sup>, VABCR<sup>+24</sup>, WSL07, WLH<sup>+16</sup>]. **diatom-bound** [CSS<sup>+02</sup>]. **Diatoms** [ACQ<sup>+08</sup>, BLS<sup>+08</sup>, KT05, OTN16, ASV18, BTV<sup>+11</sup>, BBB<sup>+11b</sup>, CLT94, DCF<sup>+11</sup>, GTTKB14, KT02, MQACB08, OA11, PMS<sup>+07</sup>, RCW<sup>+15</sup>, TMC<sup>+14</sup>, TLK<sup>+02</sup>, WN01, Ya01]. **diazotrophs** [RLD<sup>+15</sup>]. **diazotrophy** [HWP<sup>+07</sup>]. **DIC** [ZQ97]. **Dichromadora** [VVV04b]. **Did** [LSS<sup>+11</sup>, WZL<sup>+16</sup>]. **die-off** [WTI<sup>+20</sup>]. **Diel** [BD02, DN97, DS24, DPS<sup>+11</sup>, GFPM02, HHH01, KMD<sup>+99</sup>, LS10, LOFC00, MBMM<sup>+99</sup>, TBT05, YOK<sup>+10</sup>, YXC<sup>+19</sup>, AML01, ABC<sup>+05</sup>, DO96, GGRW99, HA10, KL03, MHS01, SW01, TLKT00, WCRG95, WZZ<sup>+19</sup>, ZD97]. **Diet** [DBMI17, RKM23a, WBD17, WPSB11, ASF<sup>+12</sup>, BTC13, BOKA16, BBB<sup>+01</sup>, CTW<sup>+20</sup>, CCC<sup>+23</sup>, FHAH16, GBH<sup>+17</sup>, JH04, KBSS93, LTS<sup>+13</sup>, LLW01, MMID17, MPF<sup>+17</sup>, MZH16, PSS<sup>+16</sup>, PCP<sup>+17</sup>, RDBP14, RHM13, SRFR07, WAN<sup>+15</sup>, WPFB11, YKO15]. **Dietary** [BOB20, KY17, SLLT10, TCEW07]. **Diets** [HBJ02, PKHH17, BTR20, CMH09, DSG<sup>+09b</sup>, GFS15, GBP21, JZX10, MPJ<sup>+13</sup>, RMD<sup>+12</sup>, SJST13, WGST08]. **differ** [CD20, LCL<sup>+09</sup>, SCD<sup>+22</sup>]. **Differences** [BLH05, NDG96, PRMM<sup>+17</sup>, SLB<sup>+15</sup>, APMN<sup>+17</sup>, BE00, CL06, FLM10, FGW02, FBBW<sup>+10</sup>, HCG<sup>+09</sup>, KWW<sup>+12</sup>, OMAA18, PABH07, SLP<sup>+17</sup>, TPW07, WL20]. **different** [AGGdC14, CBNR<sup>+09</sup>, CRNP06, DB02, FKW01, HSO04, HSC<sup>+07</sup>, IUdV<sup>+12</sup>, JBS<sup>+10</sup>, KCD<sup>+17</sup>, LYN<sup>+13</sup>, MSF<sup>+22</sup>, NVBJ08, NED09, Pee97, Pro09, RDP<sup>+02</sup>, RAC<sup>+20</sup>, RCKCK07, RNP93, SLM<sup>+20</sup>, SHY<sup>+08</sup>, SLB<sup>+16</sup>, TMH<sup>+08</sup>, TGA<sup>+09</sup>, TNT<sup>+15</sup>, WZB<sup>+14</sup>, ZJH08].

**Differential** [BFM<sup>+14</sup>, ODCP98, Hol06, TLKT00]. **Differentiated** [GLCU<sup>+17</sup>]. **differentiation** [ASMM11, RLB18b]. **differing** [IBD10, JTW00]. **diffuse** [MTB09, MS18, MSNL09, NLSL09]. **diffusion** [Hol06, MPM<sup>+16</sup>, SF11, Sva96]. **diffusive** [DRBM97, FKW01, GRSW00]. **diffusivity** [DM16a]. **dilution** [HKS<sup>+11</sup>, LSS<sup>+11</sup>]. **dimensional** [Bas19, CDP<sup>+02</sup>, CWD<sup>+10</sup>, DFMW13, DW15b, DP02, DGN96, DBC<sup>+02</sup>, FNYK02, GSK02, GWP<sup>+98a</sup>, GFW07, GGSC03, HKMS03, KB99, KKUK10, SOW01, TMC04, WC06a, YLH<sup>+10</sup>, ZHM<sup>+24</sup>, ZLOR02]. **Dimethyl** [BAR<sup>+02</sup>, AGN<sup>+02</sup>, TNBL95]. **Dimethylsulfide** [BTB<sup>+08</sup>, BML<sup>+06</sup>, GMK<sup>+08</sup>, TLP<sup>+12</sup>]. **dimethylsulfoniopropionate** [OFD<sup>+22</sup>]. **Dimethylsulphide** [JFK<sup>+10</sup>, BMML06, BABB08, BLdM<sup>+02</sup>, Hat02b, SGA97]. **dimethylsulphoniopropionate** [ASN<sup>+02</sup>, AGN<sup>+02</sup>, ASH<sup>+11</sup>, BLdM<sup>+02</sup>, JFK<sup>+10</sup>, MBK97, SGA97, TNBL95]. **Dimethylsulphoxide** [HTML98, BLdM<sup>+02</sup>, SGA97]. **DIN** [HWS<sup>+13</sup>]. **Dinitrogen** [SKGD14]. **Dinoflagellate** [RBCG10, SAG<sup>+10</sup>, Zon97, ADE22, BFG<sup>+10</sup>, BFK<sup>+14</sup>, DLG<sup>+14</sup>, DPS<sup>+14</sup>, FRBB10, KCA05, OM14, OT10, PTD<sup>+14</sup>, SAKP<sup>+22</sup>, TBT05, TMTR14, ZB00]. **dinoflagellates** [BFF<sup>+10</sup>, FGB10, GTTKB14, VSS<sup>+93</sup>, WZ14, Yal01]. **Dinophyceae** [GKQ<sup>+05</sup>, TFR<sup>+10</sup>]. **Dinophysis** [dSVC<sup>+14</sup>, FVSR14, VSGGPR14]. **dioxide** [ARR02, Ano96g, BDB97, BMK96, CCW<sup>+08</sup>, CMW<sup>+05</sup>, COJ<sup>+09</sup>, Dan95, FdBGP11, FCA04, GCS<sup>+12</sup>, HNRGL06, Met09, MDO<sup>+98</sup>, PDE<sup>+16</sup>, RPF01, RW95, SCGDL02, SCGDU09, TNIW02, WTL<sup>+06</sup>]. **diphenyl** [CHW<sup>+12</sup>]. **Dipole** [FM03b, MV19, RBMY02, RTM14, RNR20, TPW07, VHT<sup>+20</sup>, VIY02, BHHM<sup>+12</sup>]. **Direct** [BHAL13, FKH13, HO99, PBGCD<sup>+13</sup>, vHHH<sup>+11</sup>, BL06, NR00, RG13, SSY<sup>+05</sup>, SJM02]. **direction** [EBG<sup>+11</sup>]. **directions** [ASBR17, BMR<sup>+14</sup>, LWWF18]. **disaster** [ULTL16]. **discarded** [BSSE16, KSDE16]. **discharge** [AIW03, BS21, GOC09, NGF09, OGC09, PFC09, SCL<sup>+04</sup>, SLS<sup>+09</sup>, SEM16, ZG15]. **Discharges** [AAW<sup>+16</sup>, OCP18, PFAZL09, VPA<sup>+09</sup>]. **disciplinary** [BG09b]. **DISCO** [BAR<sup>+02</sup>]. **DISCOL** [TSA<sup>+01</sup>]. **discordance** [MGK19]. **Discospirina** [GAJ<sup>+13</sup>]. **discovered** [MCH<sup>+13</sup>, SDGH14]. **discoveries** [BOC18]. **Discovery** [FYS<sup>+17</sup>, AGW<sup>+13</sup>, XSL<sup>+17</sup>, TWA<sup>+12</sup>, MAH<sup>+12</sup>]. **Discrete** [SRBR05, RLVF02, SHM<sup>+11</sup>, TRM<sup>+15</sup>, ZJFV15]. **discrimination** [BWWG98, BGMH01]. **discussion** [AM22b]. **disequilibria** [CCZ<sup>+21</sup>, VMGO<sup>+09</sup>]. **disequilibrium** [ACH02, MES97, SKC99, TTLP06, VMM<sup>+08</sup>]. **disjuncta** [GK16]. **dispersal** [BW93, BY09, CRP<sup>+05</sup>, HMSMK04, MS06b, TY98, VALW23]. **dispersant** [DRRBC16, PPS<sup>+16</sup>]. **dispersants** [SKD<sup>+16</sup>]. **dispersion** [ABS<sup>+14</sup>, Ben13, DL01, MC06, MRL01]. **displacement** [You10]. **displaying** [BB04]. **disposal** [BMOW09, GK16, JBD<sup>+09</sup>, SC16]. **disposed** [EFR<sup>+16</sup>, KCTG16, TD16]. **Disseta** [MN10]. **dissimilarity** [KMD<sup>+11</sup>]. **dissipation** [Fer06, HLNO96, MW05a, SBB<sup>+05</sup>]. **dissipative** [SN04]. **Dissolution** [And00, MHB<sup>+95</sup>, BJF16, Che02, GRD<sup>+08</sup>, KBV<sup>+97</sup>, MS06a,



Rai11, SBL<sup>+07</sup>, VQ97a, VQ97b, WSL07]. **Dissolution-affected** [And00]. **dissolution-generated** [Che02]. **Dissolved** [AIW03, CD95, CHN<sup>+10</sup>, CMB<sup>+97</sup>, DÁSCP02, GGM<sup>+16</sup>, KBLA97, KNK15, KLM<sup>+11</sup>, LRGH<sup>+05</sup>, LMM<sup>+17</sup>, MV01, MHFM15, MvSdBL11, MdBL<sup>+11</sup>, PCB<sup>+00</sup>, PBNF<sup>+16</sup>, PSF<sup>+07</sup>, SdS01, SvdMC<sup>+16</sup>, SBD05, SGA97, VCR02, WDC<sup>+15</sup>, ZLJ08, ARC02, BC11, BBH05, BDW<sup>+98</sup>, BA10, BWD20, BDO00, BCG04, BL96, BSL08a, BSS15, CFJL96, CHPS00, CZVR02, CW97, CBS11, DB05, DC00, FL02, FCW<sup>+15</sup>, GWZ16, GBL<sup>+08</sup>, GLSK<sup>+17</sup>, GGO<sup>+14</sup>, GMC<sup>+12</sup>, GCN<sup>+97</sup>, HMW<sup>+15</sup>, HVN02, HCRX16, HCG<sup>+03</sup>, HWC07, HLM<sup>+01</sup>, KAI21, KMSM11, KMD<sup>+01</sup>, KTF07, KLČ<sup>+19</sup>, LBR<sup>+11</sup>, LGC<sup>+12</sup>, LFC16, LSC02, MMS<sup>+16</sup>, MDB98, MHB05, MORB<sup>+15</sup>, MGS<sup>+10</sup>, MBS<sup>+13</sup>, MCJ<sup>+99</sup>, MBTM97, MC13, MLS<sup>+15</sup>, NOT<sup>+09</sup>, NESB<sup>+15</sup>, NTS<sup>+11</sup>, OUK03, OENB01, PW15, PDE<sup>+16</sup>, RT14, RZL<sup>+10</sup>, RGS<sup>+97</sup>, RSB<sup>+15</sup>, SSUB15, SGD<sup>+03</sup>, TGK<sup>+11</sup>, TA01, VvdLS11, VAK<sup>+09</sup>, WPG<sup>+07</sup>, WKM<sup>+07a</sup>, WRZ<sup>+19</sup>, WWH97, WWC<sup>+19</sup>, WYW<sup>+02</sup>, WWN<sup>+02</sup>]. **dissolved** [WSLC15, YCN<sup>+10</sup>, YET06, YOI<sup>+09</sup>, ZZY<sup>+19</sup>, ZWQ<sup>+19</sup>, ZFA<sup>+02</sup>, vdMLB<sup>+11</sup>, LCE<sup>+23</sup>]. **dissolved-particulate** [RSB<sup>+15</sup>]. **Dissostichus** [SHC<sup>+22</sup>]. **distal** [BSS<sup>+17</sup>, CRD<sup>+17</sup>]. **distance** [RLB18b, SLM<sup>+20</sup>]. **distance-to-coast** [SLM<sup>+20</sup>]. **distances** [HPS<sup>+13</sup>]. **distant** [LPAR24]. **Distinct** [DAN23, CDM23, IUdV<sup>+12</sup>, KGB<sup>+11</sup>, LRN<sup>+14</sup>]. **distinction** [Car07]. **Distinctive** [KAHS20]. **Distinctiveness** [BH08]. **distinguished** [BLS05, YFY<sup>+10</sup>]. **distinguishes** [CDM23]. **Distributed** [CGG<sup>+19</sup>, GMCF19, KCO<sup>+19</sup>, SBB<sup>+19</sup>, KGB<sup>+14</sup>, MK19]. **Distribution** [AAG06, AD08, APT11, ABC<sup>+05</sup>, ASV18, ADGA01, ASFI02, ARW<sup>+04</sup>, ADG<sup>+08</sup>, BLB<sup>+11</sup>, BMH08, BDM<sup>+03</sup>, BSL08a, BCH<sup>+11</sup>, BTC13, BSSE16, CHW<sup>+12</sup>, CPF<sup>+14</sup>, CHT<sup>+13</sup>, CDA98, CBS<sup>+01</sup>, CCC<sup>+23</sup>, CAGLV<sup>+06</sup>, CHSVB<sup>+19</sup>, DC12, DB97a, DONF08, DGB<sup>+98</sup>, EGMB13, ERB<sup>+99</sup>, FHT<sup>+14</sup>, GKQ<sup>+05</sup>, HSS<sup>+18</sup>, HML99, HK07, HP08, HK10, HSY08, HRM<sup>+11</sup>, HZWW16, JLK03, KRW03, KM98, KT02, KIM08, KTF07, KSS<sup>+00b</sup>, LGP<sup>+03</sup>, LB18, LHZ<sup>+16</sup>, LWB<sup>+20</sup>, LW10, LMF<sup>+21</sup>, LLM<sup>+02</sup>, LLM<sup>+03</sup>, MS06a, MC09, MEB<sup>+23</sup>, MHA<sup>+01</sup>, MBM<sup>+00</sup>, MBTM97, MTM<sup>+13</sup>, MZH16, MHM<sup>+14</sup>, NTH10, NEN<sup>+07</sup>, NCSB<sup>+98</sup>, OMG<sup>+11</sup>, OUK03, OGBF08, PS04a, PMJW10, PPZ93, PNH<sup>+00</sup>, PC08, PGPP<sup>+13</sup>, PFG<sup>+03</sup>, PNC<sup>+06</sup>, PHKW10, RCM<sup>+17</sup>, SRS<sup>+20</sup>, SVJRSON04, SvdLM95, SCD14, SSV02, SSW05, TGA<sup>+09</sup>, TDvdE<sup>+10</sup>, TSSR20, TIS<sup>+13</sup>, VJP<sup>+10</sup>, VGBGPA02, VLR<sup>+02</sup>, VHC<sup>+17</sup>, WCC05, WPJW96]. **Distribution** [Yal01, YET06, ZZY<sup>+19</sup>, vdLCS<sup>+11</sup>, ALWW04, AWL<sup>+09</sup>, Ala13, Ala22, ACG<sup>+01</sup>, AKK<sup>+14</sup>, AJG<sup>+10</sup>, ATLD<sup>+20</sup>, Ano97b, ALR<sup>+14</sup>, ADGA05, ADGA06, ACG<sup>+17</sup>, AGD96, AAL<sup>+17</sup>, BDL<sup>+22</sup>, BGIJ<sup>+06</sup>, BJK<sup>+22</sup>, BMC99, BLSW05, BHMC05, BBH05, BSS<sup>+17</sup>, BBM<sup>+08</sup>, BWS<sup>+98</sup>, BvGH<sup>+17</sup>, BFT<sup>+97</sup>, BPM18, Bla94, BBR<sup>+18</sup>, BSRB17, BLdM<sup>+02</sup>, BWC<sup>+02</sup>, BHS<sup>+17</sup>, BCB07, BMK09, BFS<sup>+17</sup>, BJ15, BBB<sup>+01</sup>, CAMA<sup>+02</sup>, CBNR<sup>+09</sup>, CTW<sup>+15</sup>, CFL<sup>+99</sup>, CRDP02, CRNP06, CSM13b, CRF04, CHPF10, CWS05, CBSS02, CHN<sup>+18</sup>, CSF<sup>+12</sup>, CSG<sup>+13</sup>, CSS<sup>+10</sup>, CMTS97, CP02, CP05, CBK<sup>+07</sup>, CHH19, CBK<sup>+22</sup>, CRBK03,

CHR97, CBPT05, CAÖT04, CBS11, CRI18, DEJ08, Dau18, DSN+10, DDAH+14, DTWF17, DZL+17, DWM+15, DMC+01, DRVVS+14, DRR17, DLL+15, DBL+19, DG18, DC06, EZB+20, EEAA+19, EEAC+20, ESK+23, EWA+03a, EWA+03b, EPPR09, ETD+11, FPB+14, FLTV04]. **distribution** [FLTVCV10, FVW08, FMO02, FWC+12, FSK+02, FUGG+09, FCBD08, FWZM12, FZW+13, GGF+08, GRWW01, GZGH22, GASGB+14, GGAMV+23, GCR+02, GWR93, GR10, GBPB+13, GGTMG+10, GRSW00, GSB+03, GWP+98b, GKBG17, GLMB18, GBVG+02, GOP+01, HZL+12, HMH+02, HPY+15, HCWH00, HHNK+04, HHKH+04, HWTN22, Hug14, HNCW23, HPM02, HRK14, JB01, JM15, JT07, JKK+10, JAP+13, Kam13, Kam15, KOM17, KFG+03, KMSM11, KSL+04, KNV+10, KBSS93, Kla97, KMK+20, KMKA20, KFK06, KOT+20, KEPZ93, KH10, KL13, KRLH14, LCVV06, LCD+24, LPA+17, LAB+17, LWA+04, LWSA08, LWAS08, LQF+02, LDHO+14, LAP+17, LL00, LGC+12, Lin04, LL14, LS10, LTL+23, LRDS18, LBM+20, LFC16, LDD+97, LCR+96, LLT+00, MTGY05, MBG18, MGHN01, MMY+20, MCK+19, MRRG23, MB15, MFB18, MDTS11a, MAN+20, MPH+05, Mar13, MS99, MLS01, MNN10]. **distribution** [MA05, MBMM+99, MGJ+18, MHPS19, MV99, MAB+01, MBK97, MNB02, MDH16, MOA+18, MGGTM19, MB08, MTWH04, NP03, NB10, NMC+07, NM18, NED09, NMWH19, NPA+22, OM98, OB22b, OPV11, OT10, OJK+10, OGJ+19, OLP+20, PBS06, PHS17a, PPM+17, PP95, PTS01, PMF+17, PRORSV+19, PDA+17, PLA+17, PGM+15, PBN10, PE17, PBD+02, PdBK+03, PVT+21, PZT+19, QB02, QSA+09, RLD+15, RRT+17, RMA+20, RSWG04, RBP+05, RMCAR06, ROL+15, RSB+15, RNP93, RQM+08, SMA+17, SVAGRCS04, SKC99, SL06, SWZA02, SH99b, SBD05, SSUB15, SLM+20, SRF95, SKW+04, SRF09b, SKMDR02, SMV+13, SWBKK10, SFH+18, SJST13, SWH08, SGM+02, SHY+08, SB05, SN00, SHKW05, TCG00, TNT+15, TMGLM19, TLP+12, THT11, TKF16, TKP+20, TSB+14, TNBL95, UPS04, UGSK+20, Uys06, VAM97, VSS+93, VVV04b, VSR+10]. **distribution** [VGD14, WHF+19, WC24, WZZ+19, WLZ+19, Wat09, WGR+95, WMS+96, WAL+11, WSFB02, WACGH11, WS11, WCS07, Wit00, WYW+02, WTL+06, WYIT13, WW04b, XAY+11, YWI+02, YTF02, YCA+20, YZZ+16, YSMW05, YBRT17, YBC+17, YSHS08, YS01, ZHD+08, ZFP+16, ZWM12, ZNPR09, ZWL+22, ZRC+11, Zon97, dCHdOF+18, dSG09a]. **Distributional** [KCL20, SE07]. **Distributions** [BDW+98, BWH+17, CMB02, GCS+12, GMLB99, HCL+22, HCG+03, IAA96, LBR+11, VAK+09, WCL+15a, AST+05, AS02a, Ano96f, BMCF97, BC05, BTR95, BDW+96, BO96, CAS+97, CSL+07, CLQ+18, CHL+95, CMB12, DCN+02, DK96, DÁSCP02, Duc93, EAF+17, FWC+95, FWG+97, FGH+13b, GDE+96, GGRW99, GGRW98, HMW+15, HLS+02, HBC+12, HWC07, ISB+11, JML08, JLL+15, KRGT14, Kos01, LKC96, Lar04, LSM+06b, LDG+23, LL95, LH08, LSWH07, MAH+12, MRB+14, MDH08, MDTS11b, MHTZ19, MSV+17, MYE+02, MS18, Mun14, Mun16, PSHF+13,

PSUH<sup>+16</sup>, PC98, PBNF<sup>+16</sup>, QW15, RR96, RSB<sup>+17</sup>, RQRVM10, RYT01, SMY<sup>+98</sup>, SHGB95, SvDMC<sup>+16</sup>, SLT<sup>+11</sup>, SAM<sup>+13</sup>, SSSA13, SMS<sup>+08</sup>, SBA18, SCPP05, TLY11, TBT05, TAB<sup>+05</sup>, VvdLS11, VM01, WYPY06, WOU06, WR01, WSL<sup>+11</sup>, YOK<sup>+10</sup>, YZZ<sup>+19</sup>, YSBH06, ZNM<sup>+02</sup>, dBC<sup>+09</sup>. **Disturbance** [BBAL<sup>+20</sup>, PGC<sup>+11</sup>, AS01a, AFC<sup>+17</sup>, Blu01, BJSH14, BT98, CTT09, GIPLL<sup>+14</sup>, IARR01, RBA<sup>+01</sup>, RSN01, SNPS01, YLG<sup>+18</sup>, BBS<sup>+20</sup>]. **disturbances** [KGHA<sup>+01</sup>]. **disturbed** [Bor01, Kos01, VT01]. **Diurnal** [FCA04, RWL<sup>+93</sup>, TS93, ZHY<sup>+13</sup>, ZLW<sup>+19</sup>, ALWW04, HF21, JR15, LT16, LPPK14, SSC<sup>+23</sup>]. **Dive** [RSH10, BHB<sup>+07</sup>, CFGR07, KFS<sup>+17</sup>, TCEW07]. **divergence** [LBD<sup>+02</sup>, TdFAL19]. **divergens** [YBC<sup>+17</sup>]. **divergent** [Ben13]. **diverse** [BHSJ16, DFJ18, DSYH09, RMBW07, SPS<sup>+09</sup>, TPW<sup>+16</sup>]. **diversification** [OPDM11]. **diversities** [KFS<sup>+17</sup>]. **Diversity** [BRM18, BBBM04, CBNR<sup>+09</sup>, ESG<sup>+17</sup>, FHR<sup>+14</sup>, Gag04, GBPB<sup>+13</sup>, JJVH18, JT07, JSSW14, KFK06, KH10, LS18, MB07b, MFB18, MLBB14, MTDK98, MFM<sup>+18</sup>, OPDM11, SH11a, SWMB10, WABW02, WS11, BFA<sup>+08</sup>, BPPJ15, BRP<sup>+13</sup>, BSW<sup>+13</sup>, BOJ<sup>+10</sup>, CSM13b, CP18b, CCK<sup>+16</sup>, CBHF10, CG04, CNM17, DCL<sup>+09</sup>, DCC<sup>+13</sup>, DKT<sup>+01</sup>, DHGO23, DVS<sup>+14</sup>, DLB<sup>+11</sup>, EBGCL08, Gol15, Gol18, GKB<sup>+18</sup>, GLSK<sup>+17</sup>, GBSL98, GBLS00, GRB<sup>+17</sup>, HNS<sup>+11</sup>, HEV<sup>+10</sup>, IBK<sup>+11</sup>, JBOH10, KOM17, KY17, KSM<sup>+11</sup>, KSS<sup>+00b</sup>, LTG<sup>+09</sup>, LBSB<sup>+17</sup>, LG98, LCL<sup>+22</sup>, LLM<sup>+17</sup>, LPAR24, MS09, MNN10, MCD<sup>+09</sup>, MMN10, NMN<sup>+17</sup>, NKA<sup>+11</sup>, OvdRvA<sup>+22</sup>, OB22a, OJK<sup>+10</sup>, OBH<sup>+18</sup>, OBKA17, PGC<sup>+11</sup>, PC98, PSAY20, RHL<sup>+22</sup>, RDV<sup>+09</sup>, SCD14, SBB<sup>+11</sup>, SBE<sup>+07</sup>, SBP13, SAW16, SJST13, Thi98, TBPS22, VVM<sup>+12</sup>, VALM17, Vri09, WSSN10, WAP<sup>+18</sup>, Wil98, Wil08]. **diversity** [WYIT13, dSG09a, SJD<sup>+11</sup>]. **dives** [DFMW13, FMWD07, HCBL<sup>+17</sup>, RSH10]. **Dividing** [PAR<sup>+08</sup>]. **Diving** [WHLR13, BCE<sup>+07</sup>, BHBC08, GBC<sup>+13</sup>, RAT<sup>+13</sup>, RCM<sup>+17</sup>, RCKCK07, SMA<sup>+17</sup>, TMH<sup>+08</sup>, YKN07]. **Division** [KNV<sup>+10</sup>, NMR10, FVSRR14, HCWH00]. **DMS** [BMML06, BBM<sup>+08</sup>, DNM<sup>+16</sup>, LSM<sup>+06b</sup>, MLS<sup>+06</sup>, NHS<sup>+09</sup>, TLP<sup>+12</sup>, WB01, ZFA<sup>+02</sup>]. **DMSO** [Hat02a]. **DMSP** [SMGB03, ASH<sup>+11</sup>, BBM<sup>+08</sup>, DNM<sup>+16</sup>, Hat02a, LSM<sup>+06b</sup>, LLK<sup>+09</sup>, MLS<sup>+06</sup>, MBK97, OFD<sup>+22</sup>, SMGB02, ZFA<sup>+02</sup>]. **DNA** [ANL13, BFK<sup>+14</sup>, BHK<sup>+10</sup>, BOJ<sup>+10</sup>, CTW<sup>+20</sup>, EP18, HNS<sup>+11</sup>, JBOH10, LEP14, LCL<sup>+22</sup>, NLY<sup>+13</sup>, OBPY10, PFdSG11, PDY20, WBCB06]. **DNA-based** [ANL13, CTW<sup>+20</sup>]. **Do** [Ano05e, BCBB12, BU05, GFCS04, SMH<sup>+06</sup>, BY09, RLG07, RCKCK07, SLDL93, XZM<sup>+23</sup>]. **DOC** [LCE<sup>+23</sup>, Avr02, BDWG02, LRGH<sup>+05</sup>, ME02, SNS10, VS10]. **dockside** [DCD<sup>+14</sup>]. **documentation** [FSG02]. **Documenting** [FNS20, GLK<sup>+06a</sup>]. **Does** [BBR<sup>+18</sup>, HPS<sup>+13</sup>, PWR05, SLD<sup>+13</sup>, LLD<sup>+17</sup>, LPD<sup>+17</sup>, SFR<sup>+06</sup>, WTT<sup>+20</sup>]. **Dolichobdella** [UC13]. **dolomite** [WOM<sup>+16</sup>]. **dolphin** [PWL07, PJLO<sup>+17</sup>, RAT<sup>+13</sup>]. **dolphinfish** [BHS<sup>+17</sup>, TMGLM19]. **dolphins** [CV17, DONF08, KG20]. **DOM** [NTS<sup>+11</sup>]. **domain** [KBL01, MDK<sup>+01</sup>, HSSN08, Mac08, MSMS08]. **domains**

[DSW20, FWZM12, FZW<sup>+13</sup>, MSGO18]. **domal** [GTB15]. **dome** [CS19, LPJ<sup>+19</sup>]. **Dominance** [CdST<sup>+17</sup>, MBP<sup>+20</sup>, MTD<sup>+18</sup>]. **dominant** [BT03, EGMB13, Go18, MWK<sup>+20</sup>, RQM<sup>+08</sup>, SKMDR02, TSP<sup>+18</sup>]. **dominate** [DBR22]. **dominated** [BG94, BSCR11, LRR<sup>+04</sup>, LDSV98, PTD<sup>+17</sup>, PCB<sup>+17</sup>, TBC<sup>+17</sup>, WTZ02]. **dominating** [ELG<sup>+22a</sup>, ELG<sup>+22b</sup>]. **Donald** [Goe02]. **Doppler** [BMM<sup>+99</sup>, HVBO08]. **dormancy** [ODCP98]. **dormant** [JPC06]. **dorvilleid** [LZM<sup>+13</sup>]. **Dorvilleidae** [AP22, VHM17]. **doses** [CWWB04]. **Dosidicus** [FEB<sup>+13</sup>, NA13, Sei13, SFMG13, SGFP13, TS13]. **Dotson** [MLW<sup>+16</sup>]. **dovekies** [KH02]. **DOVETAIL** [MH02]. **down** [EMG<sup>+15</sup>, HPS<sup>+11</sup>, LWO<sup>+09</sup>, NGS<sup>+15</sup>, SFZ<sup>+13</sup>, YWI<sup>+02</sup>]. **downscaled** [PCH<sup>+22</sup>]. **downscaling** [CHH<sup>+21</sup>, HKC<sup>+21</sup>]. **downstream** [JBVW12]. **Downward** [GHIM04, ZD97, CCP<sup>+18</sup>, HdMR<sup>+99</sup>, IOK03, KSU<sup>+08</sup>, LSdC<sup>+10</sup>, PIP<sup>+02</sup>, RSR<sup>+00</sup>, TMP<sup>+19</sup>, TRWB99]. **Dr** [RAB<sup>+17</sup>]. **Dr.** [Ano06a, HWWM19, HBC<sup>+22</sup>, MLB<sup>+10</sup>, MTD<sup>+09</sup>]. **draft** [HVBO08]. **Drag** [JS14]. **Drake** [FGH<sup>+13b</sup>, vdLCS<sup>+11</sup>, BPRS11, BCH<sup>+19</sup>, ECD<sup>+17</sup>, FGH<sup>+13a</sup>, GARVK04, HMS<sup>+13</sup>, HSH<sup>+13</sup>, JCM<sup>+13</sup>, MRB<sup>+14</sup>, MBS<sup>+13</sup>, MLS<sup>+15</sup>, PRB<sup>+11</sup>, RPS<sup>+11</sup>, SAM<sup>+13</sup>, SGP<sup>+11</sup>, VvdLS11, ZZM<sup>+13</sup>]. **drawdown** [BWL01, DVPR06]. **dredged** [BMOW09]. **Drift** [HB03, TLW<sup>+94</sup>, CMK<sup>+18</sup>, GMCR18, HHW<sup>+08</sup>, HSH<sup>+08</sup>, Hen19, JWS01, KHL<sup>+15</sup>]. **Drifter** [BLO04, HRT14, MC06, STP<sup>+16</sup>]. **drifters** [AL98, BTRL99, DBG<sup>+16</sup>, HRSJ23, KLM13, NLHB01, Ric05, SLP<sup>+09</sup>]. **Drifting** [SSH<sup>+11</sup>, ETDB11, HKSJ11, HSM11, HP08, KRS<sup>+11</sup>, LRH<sup>+11</sup>, LMLC<sup>+17</sup>, MRE<sup>+11</sup>, MYN<sup>+96</sup>, OLP<sup>+20</sup>, PFW<sup>+09</sup>, RVS11, REWH11, SLS<sup>+07</sup>, SRH<sup>+11</sup>, SRB<sup>+11</sup>, SHM<sup>+11</sup>, SSS<sup>+11</sup>, Smi11, VSC<sup>+11</sup>]. **drill** [JBJ17, JBD<sup>+09</sup>]. **Drilling** [Ano07d, CTT09, DPK<sup>+14</sup>, DKP<sup>+14</sup>, GBB<sup>+17</sup>, NLDJ14, NGF09, PDK<sup>+14</sup>, PFC09, PSP<sup>+09</sup>, PFAZL09, SLS<sup>+09</sup>, TZ09]. **drive** [LLD<sup>+17</sup>, LPD<sup>+17</sup>]. **driven** [BMRP02, DBD03, KL13, LLR<sup>+06</sup>, LG09, LDG<sup>+23</sup>, LWSZ13, LPM<sup>+19</sup>, LAT<sup>+18</sup>, MBNB<sup>+08</sup>, MSF<sup>+22</sup>, NR00, OUJ<sup>+19</sup>, RG93, SDT<sup>+17</sup>, WCL22, ZPG14]. **Drivers** [ADRS19, JRJ<sup>+22</sup>, AZK<sup>+20</sup>, AAL<sup>+17</sup>, CD20, CS20, DCC<sup>+13</sup>, DCSV19, EFR<sup>+19</sup>, GDAMS19, KCMT<sup>+20</sup>, LRDS18, SLdB<sup>+15</sup>, SNFK20, SFH<sup>+18</sup>]. **driving** [MSM<sup>+02</sup>, PPA10]. **droplet** [LAPL<sup>+16</sup>]. **Drygalski** [SYZ<sup>+24</sup>, VT09]. **DSi** [RdGM<sup>+09</sup>]. **DSV** [RSH10]. **dual** [SHL<sup>+11</sup>]. **dual-tracer** [SHL<sup>+11</sup>]. **due** [CV17, EGG<sup>+05</sup>, EBDL08, JZ01, MLP<sup>+10</sup>, SMB03, WSP19]. **dump** [KPPL00]. **dumped** [BKS<sup>+16</sup>, EB16]. **dumping** [KGB16]. **dumpsites** [BSE<sup>+16</sup>]. **duration** [ROC<sup>+21</sup>, SD06b]. **during** [AST<sup>+05</sup>, APL<sup>+23</sup>, ATJ05, Ald95, ÁRR02, AAMF<sup>+02</sup>, ACFS02, Ano95b, AKK<sup>+17</sup>, ANI09, ASN<sup>+02</sup>, AGN<sup>+02</sup>, ABS<sup>+14</sup>, ADAM02, ASFI02, ARW<sup>+04</sup>, AGP05, ACG<sup>+17</sup>, BSM01a, BSMV03, BCI02, BCH<sup>+96</sup>, BRG<sup>+19</sup>, BDB97, BSL<sup>+96</sup>, BMB<sup>+01</sup>, BMGF93, BMCF97, BPRS11, BBL<sup>+13</sup>, BC03, BLO04, Bec97, BS01, BTR95, BDM<sup>+03</sup>, BSL08a, BCH<sup>+11</sup>, BCDV02, BA02, BZMC20, BMF<sup>+01</sup>, BGDT11, BLO<sup>+17</sup>, BRSIW95, BGH99, BA01, BGS<sup>+08</sup>, BND<sup>+04</sup>, BRPI02, BY09, BLB<sup>+99</sup>,

BL01b, BLC<sup>+02</sup>, BMT20, BAH<sup>+95</sup>, CAMA<sup>+02</sup>, CRD01, CAS<sup>+16</sup>, CW22, COS<sup>+16</sup>, CTBNL08, CD99, CRDP02, CRF04, CAFK03a, CRP<sup>+05</sup>, CMG<sup>+12</sup>, CLSS15, CWB02, CP22, CMAO<sup>+12</sup>, CGR<sup>+96</sup>, CWEHT22, CDA98, CFKS05, CFS09, CRM<sup>+16</sup>, CBJ<sup>+23</sup>, CCC<sup>+23</sup>, CSS<sup>+22a</sup>, CPEN08, CMRL11, DMJ93, DD95, DNM<sup>+16</sup>, DRD06, DPS<sup>+14</sup>, DSO<sup>+97</sup>, DKN<sup>+97</sup>, DC00, DCM<sup>+99</sup>, DB97a, DDL06, DSN<sup>+20</sup>, DO01, DOB<sup>+01</sup>, DLL<sup>+15</sup>, DZ08, DSvR<sup>+18</sup>]. **during** [DTP<sup>+05</sup>, DI00, Dri09, DKQ<sup>+93</sup>, DQC95, DC06, EBS99, EBB<sup>+08</sup>, EHK09, EWA<sup>+03a</sup>, EWA<sup>+03b</sup>, FPLB<sup>+08</sup>, FLTV04, FLM10, FHAH16, FLTV97, FWC<sup>+95</sup>, FWG<sup>+97</sup>, FMO02, FWP<sup>+07</sup>, Fig02, FSP<sup>+16</sup>, Fir96, FK98, FSK<sup>+05</sup>, FS02, FG97, FMH<sup>+02</sup>, GMK<sup>+08</sup>, GBH<sup>+01</sup>, GSMB01, GEP<sup>+16</sup>, GCR<sup>+02</sup>, GWR93, GGH98, GG93, GSB<sup>+23</sup>, GdRGH<sup>+14</sup>, GGLP02, GHIM04, GBC<sup>+05</sup>, GHM<sup>+12</sup>, GJC98, Gra09, GBI10, GCB04, GMMS05, HNW<sup>+08</sup>, Had11, HdVGHM02, HBSL01, HS96, HOD<sup>+09</sup>, HSS<sup>+12</sup>, HVWH09, HTS<sup>+09</sup>, HDD<sup>+11</sup>, HMS<sup>+13</sup>, HMW<sup>+15</sup>, HML99, HZL<sup>+12</sup>, HMH<sup>+02</sup>, HAGW<sup>+13</sup>, HMAW11, HKN<sup>+04</sup>, HAP03, HDCM95, HKP10, HSK<sup>+00</sup>, HHP04, HXC<sup>+22</sup>, Hus16, HKY<sup>+16</sup>, IGN<sup>+10</sup>, IOTS16, IF95, IHSS<sup>+10</sup>, IHI<sup>+97</sup>, ITMG18, IPH<sup>+17</sup>, Jac95b, JLR<sup>+13</sup>, JWS01, JR04, JFK<sup>+10</sup>, JTDG13, Joy16, JH04, KF95, KBLA97, KB99, KJL<sup>+17</sup>, KGE<sup>+04</sup>, KSH<sup>+09</sup>, KWN<sup>+09</sup>, KT05, KRF01, Kem94, KFF<sup>+94</sup>]. **during** [KSH12, KMM<sup>+08</sup>, KYI10a, KYI10b, KYKJ16, KUN10, KT02, KIM08, KLD21, KDG<sup>+97</sup>, KC04, KNC<sup>+09</sup>, KCL20, KRG<sup>+01</sup>, KHE<sup>+11</sup>, KND<sup>+08</sup>, LWO<sup>+09</sup>, LUV99, LDV<sup>+02</sup>, LBL08, LCK95, LBC<sup>+98</sup>, LCvdm<sup>+16</sup>, LB98a, LJHAA19, LCS<sup>+06</sup>, LSS<sup>+11</sup>, LMG93, LSM<sup>+06b</sup>, LTW<sup>+11</sup>, LDHI93, LL95, LDGH16, LCL<sup>+98</sup>, LLK<sup>+09</sup>, LDFS93, LAF<sup>+02</sup>, LBB<sup>+06</sup>, LLK05, LSS<sup>+07</sup>, LAT<sup>+18</sup>, MGHN01, MGR<sup>+03a</sup>, MBHP99, MB15, MMHB98, MSF<sup>+22</sup>, MT15, MSK<sup>+06</sup>, MJW<sup>+06</sup>, MSJ<sup>+06</sup>, MFG<sup>+93</sup>, MPH<sup>+05</sup>, MDSA19, MWK<sup>+20</sup>, MGNB96, MGN99, McP08, MJG<sup>+13</sup>, MNG<sup>+11</sup>, MGH<sup>+16</sup>, MAB<sup>+01</sup>, MLS<sup>+06</sup>, MBK97, MSS15, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MSH<sup>+07</sup>, MHP<sup>+07</sup>, MGG<sup>+09</sup>, MCG<sup>+98</sup>, MCS<sup>+99</sup>, MGC<sup>+01</sup>, MMG98, NOT<sup>+09</sup>, NKF<sup>+10</sup>, NMK<sup>+20</sup>, NMW<sup>+09</sup>, NKD<sup>+08</sup>, NKK<sup>+00</sup>, NLS<sup>+10</sup>, NTH10, NTK<sup>+09</sup>, NKB95, NED09, OVKN11, OCL<sup>+08</sup>, ONSSVGR04, OE06, OYM<sup>+13</sup>, OTA<sup>+05</sup>, OTOH05, OSCS00, OTH05, OT12, PAM<sup>+04</sup>, PF04a]. **during** [PF04b, PIP<sup>+02</sup>, PLRV22, PPRL02, PWD<sup>+11</sup>, PDA<sup>+20</sup>, PMJW10, PPZ93, PNH<sup>+00</sup>, PAVGBG02, Pee97, PHS<sup>+11a</sup>, PMLM<sup>+02</sup>, PTD<sup>+14</sup>, PCY<sup>+13</sup>, PWJF20, PFW<sup>+20</sup>, PSS<sup>+16</sup>, PCAS05, PPF<sup>+15</sup>, PJ99, PPL<sup>+07</sup>, PSP<sup>+09</sup>, PS05, PLHMA06, PP20, Qua97, QTPS97, QB02, RR96, RSR05, RA98, RGH<sup>+24</sup>, RWR<sup>+02</sup>, RMD<sup>+12</sup>, RBP<sup>+05</sup>, RCF<sup>+08</sup>, RLPF07, RSF<sup>+99</sup>, RWRS08, RHB<sup>+95</sup>, RMC<sup>+93</sup>, RiBW99, RWZ<sup>+02</sup>, RMPI<sup>+17</sup>, RDG<sup>+95</sup>, RFB97, SLC<sup>+20</sup>, SCM<sup>+02</sup>, STN<sup>+06</sup>, STN<sup>+09</sup>, SRS<sup>+20</sup>, SIA<sup>+05</sup>, SMB<sup>+93</sup>, Sam01, SMZ<sup>+08</sup>, SVJRSON04, SVAGRCS04, SCGDU09, SPSM23, SVC<sup>+08</sup>, SD06a, STF09, SF10, STJ<sup>+08</sup>, SvdMC<sup>+16</sup>, SMS01, SSHM<sup>+08</sup>, SRY04, SBBP<sup>+15</sup>, Sco05, SSUB15, SLMP07, SLA<sup>+01</sup>, SRC98, SOS01, SZH<sup>+04</sup>, SNPS01, SSW05, SSR13, SMP<sup>+15</sup>, SMBM00, SGJ<sup>+20</sup>, SKW<sup>+04</sup>, SVS93, SSE<sup>+14</sup>, SC16, SZV<sup>+19</sup>, SDB<sup>+97</sup>, SSLA95, SHL<sup>+11</sup>, SMH<sup>+11</sup>, SWH08,

SDMS06, SBE<sup>+99</sup>]. **during**

[Ste13, SWLW11, SBA18, SLP<sup>+17</sup>, SFB16, SNW08, SKF<sup>+10</sup>, SKMS08, SLB13b, SMLS02, SSI<sup>+09</sup>, SKH10b, TYBY06, TBEW99, TCG00, TFR<sup>+10</sup>, TLK<sup>+02</sup>, TPS<sup>+15</sup>, TA01, TBB<sup>+08</sup>, TSN<sup>+06</sup>, TDKA05, UWvdE<sup>+16</sup>, VJP<sup>+10</sup>, VPK<sup>+19</sup>, VSS<sup>+93</sup>, VNBW18, VPS97, VMF<sup>+16</sup>, WLP<sup>+09</sup>, WAPL95, WH98, WSE<sup>+16</sup>, WKM<sup>+07a</sup>, WCMB06, WT14, WL20, WLY<sup>+22</sup>, WFA<sup>+95</sup>, WGB<sup>+04</sup>, WO99, WGR<sup>+95</sup>, WSLP10, WJR<sup>+16</sup>, Wei99, WBJ<sup>+98</sup>, WFR<sup>+02</sup>, WPJW96, WPAP01, WZW<sup>+95</sup>, WPW95, WABW02, WLD<sup>+06</sup>, Wir94, WRBS10, WWN<sup>+02</sup>, WTL<sup>+06</sup>, WJS<sup>+06</sup>, WLC99, WMA11, WSL<sup>+11</sup>, Yal01, YOK<sup>+10</sup>, YOO<sup>+10</sup>, YK16, YNG<sup>+16</sup>, YMC<sup>+22</sup>, YCA<sup>+20</sup>, YZZ<sup>+16</sup>, YOI<sup>+09</sup>, YKJ<sup>+15</sup>, Zel01, ZDWR95, ZZZ<sup>+16</sup>, ZPP04, ZA16, ZDBG05, ZG15, dBC<sup>+09</sup>, dSEDW11, dSSB<sup>+01</sup>, vAvVV<sup>+03</sup>, vC97, vGTG<sup>+00</sup>, vHHH<sup>+11</sup>, vdLCS<sup>+11</sup>, vdMLB<sup>+11</sup>]. **dust** [DLF<sup>+09b</sup>, GMC97, HZK<sup>+05</sup>, PMLM<sup>+02</sup>, SBD05, TP99, TPGCCS<sup>+02</sup>, VM01]. **dweller** [DCA<sup>+98</sup>]. **dwelling** [BMS<sup>+18</sup>, DSD12, JAP<sup>+13</sup>]. **DWH** [HSB<sup>+16</sup>, QNL<sup>+16</sup>, YSWJ16]. **DYFAMED**

[Avr02, BGG<sup>+09</sup>, GG02, Mar02, MCPA02, MC02, BCM02, CMB02].

**DYFAMED-BENTHOS** [GG02]. **DynaLiFe** [AA12]. **Dynamic** [JBVW12, LSH<sup>+24</sup>, NESB<sup>+15</sup>, RHL<sup>+22</sup>, AA12, AM07, BLH05, CWE<sup>+17</sup>, DDS11, GGC19, HYMD11, KG20, LBB11, NSH<sup>+10</sup>, TWA<sup>+12</sup>, TCG<sup>+18</sup>, WZW<sup>+22</sup>].

**Dynamical** [Gol93, CHH<sup>+21</sup>]. **Dynamically** [PCH<sup>+22</sup>, HKC<sup>+21</sup>].

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

**E-** [PMJW10]. **E-80°** [SKH10b]. **E-Flux** [BNM08, KND<sup>+08</sup>, NKD<sup>+08</sup>].  
**E-Weddell** [JR11]. **E.** [SLC<sup>+15</sup>]. **Early** [ASMH08, DM16b, DSC<sup>+19</sup>, GP16,  
HMB<sup>+96</sup>, MHB<sup>+95</sup>, PLdL97, PTD<sup>+17</sup>, PCB<sup>+17</sup>, SBZ<sup>+03</sup>, SAVP12, SDB<sup>+19</sup>,  
TBC<sup>+17</sup>, WWB04, ADAM02, BGIJ<sup>+06</sup>, Bec97, BTR95, BZS<sup>+16</sup>, DDAH<sup>+14</sup>,  
DSO<sup>+97</sup>, DKN<sup>+97</sup>, EGL<sup>+16</sup>, FSCC07, FWP<sup>+07</sup>, FWM<sup>+11</sup>, HHW<sup>+08</sup>,  
HiI<sup>+19</sup>, HiI<sup>+20</sup>, HPH<sup>+16</sup>, JGM09, KKT16, LWO<sup>+09</sup>, McP08, MDH16,  
OVKN11, OG11, OB22b, OSHB07, PMM<sup>+16</sup>, Row13, RGIH<sup>+06</sup>, SRS<sup>+20</sup>,  
SZV<sup>+19</sup>, SSDA13, SSR<sup>+14</sup>, SWH08, SMLS02, UKJ<sup>+20</sup>, WLC99, ZA16].  
**early-diagenetic** [FSCC07]. **earth**  
[CVA<sup>+13</sup>, FSCC07, HOD<sup>+09</sup>, Pal19, PPR07, VOK<sup>+24</sup>, ZLJ08, BHHM<sup>+12</sup>].  
**earthquakes** [GPC18]. **EASIZ** [CA06b]. **East**  
[Ano14, ADGA06, DBDT03, EBG<sup>+11</sup>, GZGH22, GAHD<sup>+17</sup>, HZZ10,  
LXWC21, LSC02, MBS05, PBO<sup>+11</sup>, PDBH03, PDY20, Sco05, SSK<sup>+05</sup>,  
SSK<sup>+07</sup>, VSGM03a, WYW<sup>+02</sup>, YKSI19, YH10, ZBC<sup>+13</sup>, ZGGF22, ADE22,  
BW04, CW22, CWFP94, EHL02, FKH05, Gol15, HHMF11, HSPS24,  
KWH<sup>+05</sup>, LWSZ13, MLH<sup>+22</sup>, NLDJ14, NHD11, OB22a, OB22b, PLL<sup>+06</sup>,  
PBN10, SRHP23, SZV<sup>+19</sup>, TBW<sup>+11</sup>, AIW03, ADGA05, BSL11, CSGC03a,  
CLC<sup>+03</sup>, CC03, CSGC03b, CLL<sup>+03</sup>, CCC<sup>+03</sup>, CMC11, DLG<sup>+14</sup>, DBD03,  
DBL<sup>+05</sup>, FPHH<sup>+09</sup>, FB05, FHYI03, GWZ16, GR10, GWWL03, GKB19,  
GMC<sup>+12</sup>, GZZC10, HCL<sup>+22</sup>, HB03, HBBD03, HDD<sup>+11</sup>, HLZY10, HMAW11,  
HSR<sup>+16</sup>, HZK<sup>+05</sup>, HZK04, HH05, HGM<sup>+11</sup>, HTM<sup>+03</sup>, HSK<sup>+00</sup>, HZN<sup>+16</sup>,  
HZWW16, HLL<sup>+09</sup>, HCG<sup>+03</sup>, IOK03, JKK<sup>+10</sup>, JSM<sup>+16</sup>, JCP17, JKP<sup>+17</sup>,  
JFK<sup>+10</sup>, JSP<sup>+17</sup>, JRK<sup>+17</sup>, KIIW03, KM05b, KJL<sup>+17</sup>, KLL03, KFJ<sup>+05</sup>,  
KKK<sup>+17</sup>, KHL<sup>+17</sup>, KHH<sup>+17</sup>, LT16, LC03, LN05, aLCS15, LKLK17, LJL<sup>+17</sup>].  
**East**  
[LAP<sup>+17</sup>, LZC<sup>+16</sup>, LWL<sup>+16</sup>, LHZ<sup>+16</sup>, LPSS03, LCL<sup>+10</sup>, MDJS11, MW99,  
MNG<sup>+11</sup>, MGH<sup>+16</sup>, MW05b, MS12, MSNL09, MMG98, NLSL09, NMW<sup>+09</sup>,  
NPBS00, NKK<sup>+00</sup>, NVK<sup>+04</sup>, NCR<sup>+08</sup>, OVKN11, OUK03, OMY<sup>+03</sup>, OT03,  
PW05, PK13, PKHH17, PNH<sup>+00</sup>, PDT<sup>+10</sup>, PRJW05, PZL<sup>+09</sup>, RZL<sup>+10</sup>,  
RZS<sup>+16</sup>, RJ05, RCM<sup>+17</sup>, RCF<sup>+16</sup>, SMV<sup>+03</sup>, SvdMC<sup>+16</sup>, SHD<sup>+14</sup>, SSY<sup>+05</sup>,  
SLS<sup>+10</sup>, SFV<sup>+98</sup>, SGC03, SHH03, SVKT20, SLZ<sup>+16</sup>, SHW<sup>+16</sup>, SGW<sup>+00</sup>,  
Sum19, SYB<sup>+11</sup>, SRS11, STS11, Tan03, TSZ10, TMT<sup>+11</sup>, TML<sup>+16</sup>, TKF16,  
TIKS03, UWvdE<sup>+16</sup>, VSGM03b, VMF<sup>+16</sup>, WSE<sup>+16</sup>, WL20, WvdEM00,  
WNRM08, WMP<sup>+11</sup>, WWW<sup>+02</sup>, WZ03, WP17, WSL<sup>+11</sup>, WvdE00,  
WLH<sup>+16</sup>, XSM<sup>+19</sup>, YKS03, YZZ<sup>+16</sup>, YK04, YKSI19, YAOW05, YCYK10,  
YHC<sup>+11</sup>, ZHX<sup>+16</sup>, ZSKL19, ZXLL10, ZZZ<sup>+16</sup>, vdMLB<sup>+11</sup>]. **East/Japan**  
[SSK<sup>+05</sup>, SSK<sup>+07</sup>, JCP17, JKP<sup>+17</sup>, JSP<sup>+17</sup>, KJL<sup>+17</sup>, KHL<sup>+17</sup>, KHH<sup>+17</sup>,  
LJL<sup>+17</sup>, PKHH17, WP17, YCYK10]. **Easter** [ESG<sup>+17</sup>]. **easterly**  
[RMCAR06]. **Eastern** [HCS05, PZT<sup>+19</sup>, SHKW05, ADV<sup>+01</sup>, ASF<sup>+16</sup>,  
ACG19, BN05, BH14, BFD<sup>+23</sup>, BC05, BDW<sup>+98</sup>, BMK<sup>+13</sup>, BSW<sup>+13</sup>,  
BHS<sup>+17</sup>, BOKA16, CAS<sup>+16</sup>, CTBNL08, CLC<sup>+20</sup>, CBS<sup>+96</sup>, CWWB04,  
CMG<sup>+12</sup>, CCM<sup>+20</sup>, Cok16, CPEN08, CMB12, DMFD19, DMFB19, Dan95,  
DN97, DABMAMA04, DDAH<sup>+14</sup>, DC12, DO19, DLR11, DG18, DKQ<sup>+93</sup>,  
DABF<sup>+16</sup>, ENM<sup>+14</sup>, ENM<sup>+16</sup>, EGL<sup>+16</sup>, FBS94, FHAH16, FWG<sup>+97</sup>,

FCAD04, FWZM12, FZW<sup>+13</sup>, Fro04, FPB04, FSGV<sup>+09</sup>, GDAMS19, GP15, GP16, GPBV<sup>+07</sup>, GFW07, HPWP07, HPL<sup>+12</sup>, HSFN13, HYMD11, HWS<sup>+98b</sup>, HTW14, HZW<sup>+23</sup>, HRG<sup>+16</sup>, IGP<sup>+06</sup>, JCP05, KK19, KWA<sup>+20</sup>, KFF<sup>+94</sup>, KRGT14, KL13, KNB11, KWH<sup>+05</sup>, KRLH14, LCD<sup>+24</sup>, LPD<sup>+17</sup>, LAÁ<sup>+14</sup>, LHD<sup>+22</sup>, LSU04, LZZ<sup>+16</sup>, MCK<sup>+19</sup>, MPH<sup>+05</sup>, MLH14, MTK05, MLR07, MBD<sup>+17</sup>, MRC05, MF09, MGC<sup>+14</sup>, MLK<sup>+12</sup>, MKKF18, MCL<sup>+12</sup>, MBC<sup>+20</sup>, MSG<sup>+00</sup>, MBO07, NHCL14, NL11, NBCT13, NBBBT13, OFD<sup>+22</sup>]. **eastern** [OAH<sup>+16</sup>, Pak04, PF04a, PF04b, PCDM11, PSHF<sup>+13</sup>, PKA95, PSK<sup>+00b</sup>, PE17, PS05, PAUB19, PKZ<sup>+19</sup>, RAF<sup>+11</sup>, RHPC<sup>+19</sup>, RSRL00, STN<sup>+06</sup>, SBM16, SH00, Sch07, SF99, SDB<sup>+19</sup>, SSE<sup>+14</sup>, SSM<sup>+00</sup>, SMBL19, SSR06, SKGD14, SGL99, SFK<sup>+12</sup>, SMS20, SL12, SFB16, SLS11, SKM<sup>+14b</sup>, JMP<sup>+19</sup>, SJJ19, SB22, SAB08, TLY11, Thi05, TPW07, TIS<sup>+13</sup>, TRB<sup>+19</sup>, UP09, Uys06, VJF23, VKG93, VCDAL14, VT01, WGR<sup>+97</sup>, WW04a, WFA<sup>+95</sup>, WBD17, WCS07, WW04b, YCA<sup>+20</sup>, YSMW05, YHC<sup>+11</sup>, Zim19, vRPD<sup>+18</sup>, ATD<sup>+11</sup>, AKZL16, AAG19, BHS<sup>+19</sup>, BMRTL93, Bre93, Car01, CK03, CFV<sup>+18</sup>, CCL<sup>+14</sup>, CCS<sup>+16</sup>, CHH<sup>+21</sup>, CBPT05, DBN<sup>+11</sup>, DKZP16, EFR<sup>+19</sup>, FL04, FSK<sup>+05</sup>, FDC<sup>+18</sup>, GSdAMNMM04, GNHS05, ID19, KK20, KMSM11, KHGL<sup>+02</sup>, KTP<sup>+05b</sup>, KTB<sup>+05</sup>, LCH<sup>+09</sup>, LS12, LAW<sup>+05</sup>, Lin16, LLS<sup>+19</sup>, LGR<sup>+14</sup>, LMC<sup>+12</sup>, MGS<sup>+10</sup>, MFE<sup>+02</sup>, MSA<sup>+14</sup>]. **Eastern** [PAM<sup>+04</sup>, PPR<sup>+20a</sup>, PWR05, PHD<sup>+18</sup>, PST<sup>+05</sup>, PZK<sup>+05</sup>, RSR<sup>+19</sup>, RPF01, RG93, SSMC10, SFV<sup>+01</sup>, SRAs<sup>+24</sup>, SLM<sup>+20</sup>, STD<sup>+20</sup>, ST07, SMPSD04, SDK<sup>+16</sup>, SWSL14, SWG14, TCG<sup>+18</sup>, TGLN93, TMP<sup>+19</sup>, TCG00, VPA<sup>+20</sup>, VGZ<sup>+19</sup>, VPK<sup>+19</sup>, VCG<sup>+20</sup>, WSL07, WSB13, ZFP<sup>+16</sup>, ZHK<sup>+05</sup>]. **Eastern-most** [EFR<sup>+19</sup>]. **eat** [PM10]. **eating** [ALSF<sup>+17</sup>]. **ebridian** [TSOT16]. **ebridians** [OTN16]. **eccentricity** [LW15]. **Echinoderes** [AM22a]. **echinoderm** [Car10]. **Echinodermata** [GRB<sup>+17</sup>, HDR<sup>+11</sup>, MP17, MCLP04, PP13, SN00, TY98]. **echinoderms** [LK98, MMDS18, OPDM11, RHM13, WGST08]. **echinoid** [MMD15]. **Echinoidea** [HDR<sup>+11</sup>, MCLP04, PP13, TY98]. **echinoids** [DFD<sup>+11</sup>, PP13]. **Echinothurioid** [MCLP04]. **Echinus** [TY98]. **Echiura** [MA18b]. **echo** [LMLC<sup>+17</sup>]. **echo-sounder** [LMLC<sup>+17</sup>]. **echolocation** [ATM<sup>+07</sup>]. **echosounder** [CWD<sup>+10</sup>, DBBWH20]. **Eckström** [JR11]. **eco** [CDM23, MBMGK08, PBB<sup>+13</sup>, dLWFB08]. **ECO-MAR** [PBB<sup>+13</sup>]. **eco-regions** [CDM23]. **ecobiogeochemistry** [MNG<sup>+11</sup>]. **ECOFER** [LUV99]. **ECOGIG** [CDM<sup>+16</sup>]. **ecoligically** [RNP93]. **Ecological** [APMN<sup>+17</sup>, BHC<sup>+17</sup>, CD20, DBBWH20, FJF<sup>+11</sup>, KBD<sup>+01</sup>, LZM<sup>+13</sup>, STB<sup>+17</sup>, SZH20, AN05, AN06, ALHP18, AM22b, ADE22, BH14, BKP<sup>+20</sup>, CNOC13, FO05, Gut06, IUdV<sup>+12</sup>, KTP<sup>+20a</sup>, KTP<sup>+20b</sup>, LH01, LNDH<sup>+17</sup>, MA09, MSGO18, NSLAP<sup>+17</sup>, NCR<sup>+08</sup>, RDSA<sup>+21</sup>, SSSN19, SPS<sup>+09</sup>, SMSI08, SLLT10, ZB00, SH10]. **ecologically** [SDB<sup>+19</sup>, WTA<sup>+18</sup>]. **Ecology** [Ano05a, Ano06b, DMH19, HAGW<sup>+13</sup>, RD02, SDB<sup>+97</sup>, SKKM20, AD08, BBE<sup>+13</sup>, BWC<sup>+02</sup>, BWOR22, BRPH20, CCM<sup>+20</sup>, CW09, CBT01, CTH<sup>+98</sup>, DMFD19, DCA<sup>+98</sup>, DONF08, DKP<sup>+17</sup>, FEB<sup>+13</sup>, Gag04, GAJ<sup>+13</sup>, GW98, JAP<sup>+13</sup>, KP10, Lut09, MSD<sup>+18</sup>, MBM<sup>+00</sup>, NTA<sup>+10</sup>, PH17, PDT<sup>+10</sup>,



PDT<sup>+11b</sup>, PNVJ13, RRT<sup>+17</sup>, RH14, RSA<sup>+10</sup>, Rog17, RG06a, RMK<sup>+14</sup>, SDB<sup>+19</sup>, SFMG13, SHPM14, SBvdL<sup>+02</sup>, TTD13, WF13, WvdEM00, dSG09a, CA06b]. **ECOMAR** [SLB13b]. **economic** [Pas18, SBL<sup>+18</sup>, JMP<sup>+19</sup>]. **economically** [WTA<sup>+18</sup>]. **economics** [LS17]. **ECONORTH** [PTP09]. **Ecopath** [GPF16]. **Ecoregion** [ESG<sup>+17</sup>]. **Ecoregionalization** [KMD<sup>+11</sup>]. **Ecosim** [GPF16]. **Ecosystem** [AA15, BFD<sup>+23</sup>, CS20, DB16, DCSV19, FHW06, FBPG18, GO15, MBT<sup>+14</sup>, MD17, MWFS17, PTP09, SBKS03, TLSW15, TWN<sup>+06</sup>, YD09, ZHX<sup>+16</sup>, ZDO19, AGL<sup>+19</sup>, Ano08, AGJ07, BFL<sup>+20</sup>, BvWR<sup>+20</sup>, BMRP02, CDP<sup>+02</sup>, CBF01, CHS17, DHCV19, DGT<sup>+17a</sup>, DLLK15, DSBS20, DP02, DVPR06, DLB02, Duc08, DWW<sup>+02</sup>, DBC<sup>+02</sup>, DGT14, DGT17b, EHB19, FGU04, FC01, Fri01, FNYK02, GMD07, GPF16, GBS<sup>+22</sup>, GUSB03, GKB19, GAHD<sup>+17</sup>, Har06, HKAM12, HCG<sup>+09</sup>, HH20, HSW<sup>+02</sup>, HSSN08, HBB<sup>+13</sup>, HON<sup>+13</sup>, HA96, HWJ20, JZX10, JDL<sup>+12</sup>, Joy16, JBÖ<sup>+16</sup>, KTP<sup>+20a</sup>, KTP<sup>+20b</sup>, KUT<sup>+20</sup>, KMB11, KKUK10, Lar04, LHS96, LLC17, LGF03, LCG03, LBD<sup>+22</sup>, LSHB09, Lin16, LW04, LHKHH10, LFHM97, MHO02, Mac08, MSMS08, MBH<sup>+96</sup>, MGH<sup>+16</sup>, MTWC<sup>+15</sup>, MPH<sup>+16</sup>, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MDK<sup>+01</sup>, MK19, NLDJ14, NMR10, OYK15, ODR<sup>+09</sup>, OBH<sup>+19</sup>, PNVJ13, PGFP<sup>+08</sup>]. **ecosystem** [PPL<sup>+07</sup>, PVT<sup>+21</sup>, PBB<sup>+13</sup>, RBDO17, RDW<sup>+12</sup>, RP18, Rod13, RDSA<sup>+21</sup>, Sak07, SOW01, SBM<sup>+18</sup>, SSW05, SPW<sup>+22</sup>, SJD<sup>+11</sup>, SSE<sup>+14</sup>, SMD06, SHM<sup>+01</sup>, SMA01, SFK<sup>+12</sup>, SKM<sup>+12</sup>, SDMS06, SBSW07, SCSMT20, SSB<sup>+07</sup>, SAB08, STS<sup>+15</sup>, TSZ10, TSZT13, TWA<sup>+12</sup>, TSW<sup>+12</sup>, WWH<sup>+10</sup>, WW04a, WCB08, WPB<sup>+16</sup>, WWC<sup>+19</sup>, WMC06, WP17, WYT19, Ynd09, YKO15, ZS19, ZLOR02, Zim19, Ake19, EHB19, LKLK17, SID19, UWTS09, ZQW19]. **ecosystem-based** [DGT<sup>+17a</sup>, GKB19, MPH<sup>+16</sup>]. **ecosystemic** [VGZ<sup>+19</sup>, VCG<sup>+20</sup>]. **Ecosystems** [HWCT04, IYM10, SH11a, Ark13, Arr16, AJP<sup>+22</sup>, BMS<sup>+18</sup>, BHS<sup>+06</sup>, BMK05, Bea09, BHC<sup>+17</sup>, CB09a, CNOC13, CBA<sup>+20</sup>, EBG<sup>+15</sup>, FPB<sup>+14</sup>, FBP<sup>+17</sup>, GKB19, JRJ<sup>+22</sup>, JRK<sup>+17</sup>, KMMS18, Kha18, KYW20, LD07, MM05, MKD<sup>+20</sup>, MCS<sup>+09</sup>, NLS<sup>+10</sup>, PFPJ<sup>+09</sup>, RT20, TAMTC<sup>+13</sup>, TAC<sup>+17</sup>, VAT23, VRL<sup>+02</sup>, VGD14, YOR13, ZSKL19, Arr15, Bro19, HD07, KKSA19, LP19, PH19, SPDW19, Sum19, YKSI19]. **ectoenzyme** [DCK01]. **Ectosymbiosis** [HDR<sup>+11</sup>]. **ectotherms** [Pör06]. **Ecuadorian** [GMPSHA<sup>+13</sup>]. **Eddies** [JWO<sup>+09</sup>, JCP17, PFW<sup>+20</sup>, QS04, SdRvLR03, SWO10, ATLD<sup>+20</sup>, BTB<sup>+08</sup>, BLM<sup>+14</sup>, BPRS11, BMP<sup>+09</sup>, BKM07, BC05, BGWF08, BHAL13, BLC<sup>+08</sup>, CMW<sup>+05</sup>, Cra05, DD15b, EMW<sup>+08</sup>, FM03a, FMFW07, FWR<sup>+02</sup>, GSMG04, GS08, GSdAMNMM04, GFW07, HWP<sup>+07</sup>, HHX<sup>+10</sup>, HZW<sup>+23</sup>, IFFGL<sup>+04</sup>, JML08, JCPC09, JAM<sup>+14</sup>, LCH<sup>+09</sup>, LH08, MBK08, MiSW08, MMMC07, MFFM03, MBO07, Ric05, RTM14, RSC07, SGA<sup>+15</sup>, SRBR05, SCM<sup>+08</sup>, SKW07, SD22, SYB<sup>+11</sup>, TPW07, TMW<sup>+05</sup>, VJF23, VMM<sup>+08</sup>, WMH<sup>+07</sup>, WTP<sup>+07</sup>, WPG<sup>+07</sup>, WPD22, WDD<sup>+22</sup>, WW23, WC07b, ZLZ<sup>+15</sup>, ZHM<sup>+24</sup>, BNM08, CBPT05, DFC05, JMSW05, MRC05, YC05]. **Eddy** [CRJB08, HBP<sup>+14</sup>, MTGY05, QC10, RPM07, SSSC19, SA02, SWGPK17,

WDFK<sup>+22</sup>, ZDBG05, AJR<sup>+15</sup>, AMH<sup>+24</sup>, BSG<sup>+11</sup>, BSL11, Bre93, BLS<sup>+08</sup>, BGS09, CFR<sup>+14</sup>, CH24, CCW<sup>+08</sup>, DM16a, GDL22, Gau07, Gre08, HXF<sup>+23</sup>, HB05, HFP94, JDL<sup>+22</sup>, LBR<sup>+08</sup>, LDS<sup>+08</sup>, LML<sup>+01</sup>, LMA08, LPMS09, MBNB<sup>+08</sup>, MBNRB08, MFPL19, MRLL01, MR01, MDM<sup>+13</sup>, Men23, MCM06, NKD<sup>+08</sup>, NSMBN08, NMWH19, OG11, OGRdO18, PPA10, PKW07, PWH05, RPA07, RLH<sup>+03</sup>, RJWD01, RNR20, SAK05, SSK<sup>+05</sup>, SSK<sup>+07</sup>, SW99, SJ00, SMB03, TRM<sup>+14</sup>, Tho24, TNT<sup>+15</sup>, TBBM03, VHT<sup>+20</sup>, WH01b, WW23, WR01, YSBH06, GHB<sup>+05</sup>, HDGM19, SMBL19].

**Eddy-mean** [QC10]. **eddy-permitting** [RLH<sup>+03</sup>]. **Eddy-Pump** [SWGPK17]. **eddy-resolving** [MDM<sup>+13</sup>, OGRdO18]. **eddy-shedding** [CH24]. **eddying** [SWGPK17]. **edge** [Bis94, BFF94, BLG15, BBD<sup>+03</sup>, CC15, DKGT04, IGP<sup>+06</sup>, MWB95, RPB02, SHC<sup>+22</sup>, Tan03, UW99]. **edges** [RHPR15]. **edifice** [SLdB<sup>+15</sup>]. **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>+17</sup>, Mil94a, PS04b, PSY13, YSL<sup>+10</sup>, 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, Ano24c, Ano24d, Ano24e, Ano24f, Ano24g]. **eDNA** [OvdRvA<sup>+22</sup>]. **Edouard** [WBI<sup>+01</sup>]. **education** [CPM<sup>+18</sup>]. **Edward** [FPGH02, GFPM02, HPM02, MFL10]. **Edwardsia** [SS13a]. **Edwardsiidae** [SS13a]. **eel** [KT06, MWF<sup>+19</sup>]. **eelpout** [BKPA06]. **eels** [HK19]. **Effect** [AVS<sup>+20</sup>, BSS20, BBM<sup>+08</sup>, CMNM16, GDA<sup>+15</sup>, HMHY11, JS14, KRB95, KTP<sup>+05b</sup>, LFPC14, LCD01, LM96, SHH03, ZLZ<sup>+15</sup>, ASS02, AAG19, BSG<sup>+11</sup>, BNM<sup>+07</sup>, BS21, BABB08, BML<sup>+06</sup>, BBD<sup>+03</sup>, ESA<sup>+09</sup>, EAS<sup>+09</sup>, GOC09, HBCO01, HMA20, KVB<sup>+09</sup>, KKUK10, KVL<sup>+19</sup>, LMvDA16, LSWH07, LBM<sup>+20</sup>, MAN<sup>+20</sup>, MCS07, MSW11, OGC09, PFPJ<sup>+09</sup>, ROC<sup>+21</sup>, SBM<sup>+18</sup>, VAK<sup>+09</sup>, WN01, WCJ<sup>+11</sup>, WLT20, ZLOR02, Zül05]. **effective** [CWWB04, KKH<sup>+02</sup>, SS01]. **Effectiveness** [BM17]. **Effects** [ASF<sup>+16</sup>, BLD<sup>+06</sup>, CHG15, CM01, DMS<sup>+10</sup>, DHGO23, DJFK<sup>+22</sup>, DGR19, ER05, FLLGR04, GOGCDB18, GGRW98, HBC<sup>+12</sup>, HD07, JBJ17, KxF22, LLM<sup>+17</sup>, LDX<sup>+23</sup>, MOT98, MTT<sup>+12</sup>, NSWY20, OSCS00, PDK<sup>+14</sup>, PHS17a, SLS<sup>+09</sup>, SF11, SMBL19, TGG<sup>+09</sup>, TPW<sup>+16</sup>, TVL<sup>+00</sup>, VCDAL14, WZW<sup>+95</sup>, BV98, BZS<sup>+16</sup>, BHC<sup>+01</sup>, BFML<sup>+08</sup>, BCL14, BKCV10, CHPF10, CKB<sup>+07</sup>, DTJ<sup>+14</sup>, DW15b, EWG94, FSP<sup>+16</sup>, GRD<sup>+08</sup>, GPF16, GLM04, JTK<sup>+14</sup>, KKSA19, KCTG16, LC16, LCS16, LS04, LBD<sup>+02</sup>, LMG17, LAPL<sup>+16</sup>, MWS<sup>+15</sup>, MC05, MBd05, MBP09, NLDJ14, NZT97, PSK<sup>+14</sup>, PWL07, PJLO<sup>+17</sup>, PHD<sup>+18</sup>, Pra04, PHKW10, RLB18b, RAF<sup>+14a</sup>, RAF<sup>+14b</sup>, Sco05, SSSC19, SMB<sup>+98</sup>, SK02, STR<sup>+14</sup>, SYB<sup>+11</sup>, TSS<sup>+02</sup>,

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]. **eiders** [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]. **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]. **Emiliana** [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** [BABBO8, 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, WSF<sup>+</sup>24]. **emphasis** [ABC<sup>+</sup>04, BSJ13, GTTKB14, 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]. **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>+17</sup>, AKK<sup>+17</sup>, CWE<sup>+17</sup>, HXF<sup>+23</sup>, HFK<sup>+02</sup>, HWL06, HDJP05, LDX<sup>+23</sup>, MW05a, MMTT<sup>+20</sup>, MSBS01, Pap05a, PF06, RHB<sup>+04</sup>, SHM13, SH16, SW99, UW99, VAMPR<sup>+17</sup>, WWHT20]. **England** [AKM<sup>+05</sup>, SW09]. **English** [PGS14, LAB<sup>+17</sup>, PLA<sup>+17</sup>, SWDB<sup>+14</sup>, VLP<sup>+17</sup>]. **Engraulis** [CDG00, DBC<sup>+19</sup>, LTL<sup>+23</sup>, MGGTM19, NSBL94, RGIH<sup>+06</sup>, WWH<sup>+10</sup>]. **enhance** [WCH05]. **Enhanced** [RSR05, ZA16, ZDA<sup>+16</sup>, GS08, HIA<sup>+16</sup>, LAT<sup>+18</sup>, NW01, RMK<sup>+14</sup>, SP00]. **enhancement** [MiSW08, MBP09, YK04]. **enhances** [MS06b]. **enhancing** [HSSH23]. **enigmatic** [GCKC07]. **Enriched** [KLLO98, HWS<sup>+98b</sup>, MQACB08]. **Enrichment** [TWN<sup>+06</sup>, UWTS09, AHR<sup>+06</sup>, BWL01, BML<sup>+06</sup>, BGH99, CJF<sup>+98</sup>, HRM<sup>+06</sup>, Har06, HS98, KSH<sup>+09</sup>, KNC<sup>+09</sup>, KHE<sup>+11</sup>, MSK<sup>+06</sup>, MJW<sup>+06</sup>, MSJ<sup>+06</sup>, NHS<sup>+09</sup>, NOT<sup>+09</sup>, NMH<sup>+06</sup>, NTK<sup>+09</sup>, OSCS00, ÖCB<sup>+04</sup>, PHS<sup>+11b</sup>, RVC<sup>+13b</sup>, STN<sup>+06</sup>, STN<sup>+09</sup>, SD06a, STF09, SMH<sup>+06</sup>, SML15, TYBY06, TSN<sup>+06</sup>, VSD<sup>+97</sup>, WC06b, WJS<sup>+06</sup>, YOI<sup>+09</sup>, ZOB<sup>+96</sup>, vRPD<sup>+18</sup>]. **enrichments** [Boy02, DNR20, HBSL01]. **ensemble** [BFH<sup>+23</sup>, MDI<sup>+12</sup>, WJR<sup>+16</sup>]. **ENSO** [ARLA03, FWC<sup>+95</sup>, GK02, HVWH09, HGM<sup>+11</sup>, KMLC<sup>+04</sup>, LWS21, SLCLC<sup>+24</sup>]. **entering** [BS98]. **Enteropneusta** [ELG<sup>+22a</sup>, ELG<sup>+22b</sup>]. **enteropneusts** [JAP<sup>+13</sup>]. **entombed** [PUP<sup>+07</sup>]. **Entoprocta** [BCE18]. **entraining** [WC06a]. **Entrainment** [KHL<sup>+15</sup>, LCS<sup>+06</sup>, LM01, NYNK05]. **entrance** [CCM15, FLTV04, FLTCV10, TMC04, VLSS<sup>+04</sup>]. **entry** [AHK99, VSM17]. **Enumeration** [Kel10, AKK<sup>+05</sup>, EPK<sup>+10</sup>]. **Environment** [Arr15, IDSM04, Sha01, Arr16, AI09, BKP<sup>+20</sup>, BDL<sup>+22</sup>, CTC05, CA06b, DHGO23, DCA<sup>+98</sup>, EWP<sup>+99</sup>, FMWD07, GF07, GHM<sup>+12</sup>, HWCT11, Hol06, JRK<sup>+17</sup>, KG20, KGHA<sup>+01</sup>, MKS<sup>+20</sup>, MSS15, NA13, NKB<sup>+18</sup>, NDE14, OM14, PFC09, SYS05, SV09, SDAH<sup>+12</sup>, SGP<sup>+02</sup>, SNK07, TM22, VAMPR<sup>+17</sup>, WCH<sup>+93</sup>, WPJW96, WTA<sup>+18</sup>]. **Environmental** [CM16a, CM16b, DTJ<sup>+14</sup>, EZB<sup>+20</sup>, GKGW22, HTW14, HSC<sup>+07</sup>, KIIW03, KCMT<sup>+20</sup>, LRDS18, LMLC<sup>+17</sup>, NLDJ14, OGJ<sup>+19</sup>, RRL<sup>+14</sup>, RSB<sup>+17</sup>, RHL<sup>+16</sup>, STP<sup>+16</sup>, TZ09, AMJRD19, AYMSAS19, ADBW16, ADRS19, AMTE09, AAL<sup>+17</sup>, BF14, BZMC20, BTD11, BEB<sup>+13</sup>, CLC<sup>+98</sup>, CDRA08, CJA<sup>+06</sup>, CH24, CLC<sup>+03</sup>, CHH<sup>+21</sup>, CSS<sup>+22a</sup>, Dal04, DSG<sup>+09b</sup>, ESWL20, EP18, FBP<sup>+17</sup>, GdRGLS04, GWWL03, GBC<sup>+05</sup>, HAGW<sup>+13</sup>, HWCT08, ITT12, IBK<sup>+11</sup>, IARR01, JGM09, KRGT14, KVS<sup>+09</sup>, LWAS08, LLC17, LB18, LFW<sup>+22</sup>, LH15, LGR<sup>+14</sup>, MDTS11a, MK21, MHTZ19, MTWH04, NLS<sup>+10</sup>, OBRJ01, OTH05, PSK<sup>+14</sup>, PFdSG11, RLB<sup>+18a</sup>, SVAGRCS04, SLdB<sup>+15</sup>, SM12, SCD14, SRAs<sup>+24</sup>, SHN<sup>+07</sup>, SBL<sup>+18</sup>, SFH<sup>+18</sup>, SLP<sup>+17</sup>, TTU01, TSA<sup>+01</sup>, TKF07, WC24, WCC05, WPW<sup>+14</sup>, WGMC14, WTA<sup>+18</sup>, XSM<sup>+19</sup>, ZFP<sup>+16</sup>, dLC<sup>+14</sup>]. **environmentally** [KL13]. **environmentally-driven** [KL13]. **environments** [BS05, BS06, ELP13, FR10, Har11, HZMH07, HSD04, IKR<sup>+12</sup>, Kos01, LSGM02, PKA95, SKL<sup>+22</sup>, SCGB18, VGGLB15, ZWZ18]. **environs** [WB96]. **Envisat** [OCKA<sup>+11</sup>]. **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]. **Epizoic** [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>+09b</sup>, Osc01, RPS<sup>+11</sup>, SOW01, Sch02a, SBG05, SVS<sup>+20</sup>, SLB<sup>+16</sup>, TSPH09, Yal01, YZ00, ZDW<sup>+20</sup>. **Estimating** [BWS<sup>+98</sup>, BTD11, DGA<sup>+11</sup>, HVBO08, KG20, PCDM11, PLD<sup>+17</sup>, PJLO<sup>+17</sup>, PHD<sup>+18</sup>, SLS<sup>+07</sup>, SD06b, SHW<sup>+16</sup>, WGFS03, LGP<sup>+15</sup>, MLVM02, OBWK01, XA09]. **Estimation** [AHML95, Car01, ESK06, GSM<sup>+20</sup>, KH02, Las93, SH16, vGCM00, CRD<sup>+17</sup>, HJS<sup>+10</sup>, HSM<sup>+01b</sup>, KGKS20, KUT<sup>+20</sup>]. **Estimations** [RBXM15]. **ESTOC** [PKR<sup>+01</sup>, ZLOR02]. **Estonia** [SSAF02, ASS02]. **estuaries** [MK21]. **estuarine** [GKGW22, OM14, ZX12]. **Estuary** [RDdL<sup>+13</sup>, ALR<sup>+14</sup>, OM14, SAL95, ZG15, LG15, YZZ<sup>+19</sup>, ZZY<sup>+19</sup>, ZG15]. **ethers** [CHW<sup>+12</sup>]. **ethnography** [FRBB13]. **Etmopterus** [CAJE15, CGD<sup>+15</sup>, SLC<sup>+15</sup>]. **Eualus** [NCL13]. **Euaugaptilus** [MNN10]. **Eucalanidae** [GO10]. **Eucalanus** [KTSI07]. **eucarids** [LV17]. **Eukaryote** [CD20, OvdRvA<sup>+22</sup>]. **eukaryotic** [ANL13, SSW05]. **Euler** [Mar19]. **Eulerian** [EB01, MB96]. **Eumetopias** [CFGR07, GS06a]. **Euphausia** [Ant10, BLBW<sup>+11</sup>, BKCV10, CHPF10, CWD<sup>+10</sup>, CKL03, Dal04, HA10, HH03, JKK<sup>+10</sup>, JH04, KKM<sup>+10</sup>, KYI10a, KYI10b, LLK<sup>+16</sup>, LS10, NKK<sup>+00</sup>, NVK<sup>+04</sup>, NCR<sup>+08</sup>, PAM<sup>+04</sup>, PNH<sup>+00</sup>, RQNO04, SPF10, VMF<sup>+16</sup>, ZD04]. **Euphausiacea** [ZNPR09]. **Euphausiid** [FPS10, LWSA08, LWAS08, BT03, GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>, HRG<sup>+16</sup>, LJHAA19, LS10, PSS<sup>+16</sup>, RBP<sup>+05</sup>, WAL<sup>+11</sup>]. **Euphausiids** [HJS<sup>+10</sup>, HRG<sup>+16</sup>, NB10, BOKA16, CP02, FLTCV10, GGPM05, GFPM02, HPL<sup>+12</sup>, KYI10a, KYI10b, KYKJ16, NTH10, PS04a, PC08, RDW<sup>+12</sup>, SNS<sup>+16</sup>, SHKW05, ZNPR09]. **Euphotic** [GG95, DLR<sup>+01</sup>, MSM<sup>+02</sup>, PPA10, PNC<sup>+06</sup>, SCPC98, ZFA<sup>+02</sup>]. **Euphotic-zone** [GG95]. **Europe** [ASBR17, KB95]. **European** [MM97, PdBK<sup>+03</sup>, AMH<sup>+01</sup>, AHVB<sup>+17</sup>, DGT<sup>+17a</sup>, HLM<sup>+01</sup>, LLM<sup>+17</sup>, MHA<sup>+01</sup>, MPF<sup>+17</sup>, PBG<sup>+10</sup>, PGS14, TFR<sup>+10</sup>, vWDB<sup>+01</sup>]. **eurybathic** [RHM13]. **Eurycope** [EGMB13, MGE13]. **Eusirid** [KBF<sup>+08</sup>]. **Eusiroidea** [LJB18]. **eutrophication** [DHCV19]. **euxinus** [UFAK06]. **Eval** [BSS<sup>+17</sup>]. **evaluate** [GAC<sup>+02</sup>, NLY<sup>+13</sup>]. **evaluated** [PGFP<sup>+08</sup>]. **Evaluating** [BWD20, MLW<sup>+01</sup>, MST<sup>+14</sup>, PDC<sup>+21</sup>, SMSA05, HFK<sup>+02</sup>]. **Evaluation** [BM17, CWSH20, HZT<sup>+06</sup>, KM05a, PG18, QQJ<sup>+21</sup>, SYS05, SSR96, TTU01, BKS<sup>+16</sup>, CLF<sup>+09</sup>, GPMZ<sup>+10</sup>, LYL22, MC15, NISG05, OBRJ01, RPF01, RSC<sup>+09</sup>]. **evaluations** [LSWM22]. **Event** [BBR<sup>+10</sup>, Bak98, CBB<sup>+98</sup>, DRVVS<sup>+14</sup>, FWC<sup>+95</sup>, HVWH09, HSB<sup>+16</sup>, HC13, IPH<sup>+17</sup>, JBS<sup>+98</sup>, KLLO98, MGNB96, NGM<sup>+05</sup>, PBS06, PLHMA06, RGH<sup>+24</sup>, SZM10, Wei15, WPJW96, vRPD<sup>+18</sup>, FBL<sup>+98</sup>, MBF<sup>+98</sup>]. **event-scale** [PBS06, vRPD<sup>+18</sup>]. **Events** [Ano06f, CH24, CHL<sup>+15</sup>, CMAO<sup>+12</sup>, DABMAMA04, GBC<sup>+13</sup>, Gol93, KK19, LBM98, LDW22, ÑB04, OCP18, OWW<sup>+12</sup>, SIA<sup>+05</sup>, SZH<sup>+04</sup>, SYK<sup>+13</sup>, VKC09, VIY02, WLD<sup>+06</sup>]. **evermanni** [DDAH<sup>+14</sup>]. **Evidence** [AJR<sup>+15</sup>, CRD01, CGD<sup>+15</sup>, CRD<sup>+17</sup>, EQW<sup>+13</sup>, EMV09, GSW99, GSM<sup>+08</sup>, HHR<sup>+08</sup>, LvDA14, MCM<sup>+14</sup>, MA05, NGM<sup>+05</sup>, OTK<sup>+05</sup>, OGG<sup>+20</sup>, PWMC01, SLB<sup>+15</sup>, AHV<sup>+00</sup>, ACV<sup>+01</sup>, AFB<sup>+94</sup>, BW93, BCWT00, BMRP02, BBR<sup>+96</sup>, BNP<sup>+09</sup>, BK96b, DBDT03,

FLTV97, FL02, GBC<sup>+05</sup>, HB03, KNG02, LWB<sup>+20</sup>, LSL<sup>+15</sup>, NSKG96, NR00, PDSS96, PKA05, PRB<sup>+11</sup>, SBM<sup>+18</sup>, ZSLL15]. **evidenced** [BY04, LWL<sup>+24</sup>]. **Evolution** [AST07, DSK<sup>+13</sup>, FM03a, PPT<sup>+10</sup>, VF08, WC06b, BPC05, Ber07, BJSH14, Bre93, BGMH01, CHL<sup>+15</sup>, CMW<sup>+05</sup>, Eif05, GCJ<sup>+00</sup>, HBSL01, JW05a, JW05b, JRGLJ<sup>+19</sup>, LML<sup>+01</sup>, LCS<sup>+06</sup>, aLCS15, LAGK<sup>+18</sup>, LXWC21, LAPL<sup>+16</sup>, LSA14, MML07, MNR<sup>+11</sup>, MGC<sup>+01</sup>, PIP<sup>+02</sup>, Pör06, PPR<sup>+20b</sup>, RP18, SBZ<sup>+03</sup>, STB<sup>+17</sup>, SK07, SP19b, SLW98, TWD<sup>+08</sup>, TRHA01, VPdP06, WCH<sup>+93</sup>, WCJ97, ZV13]. **Evolutionary** [DFD<sup>+11</sup>, Vri13]. **ex** [SSL98, RJM<sup>+15</sup>]. **ex-situ** [RJM<sup>+15</sup>]. **Examination** [DKP<sup>+14</sup>, AGN<sup>+02</sup>, HLC<sup>+16</sup>, SN04, SKM<sup>+08</sup>]. **examined** [DWG<sup>+15</sup>]. **Examining** [SAW16, SM23]. **example** [ANS<sup>+11</sup>, BFG<sup>+10</sup>, BBT<sup>+18</sup>, GHD<sup>+18</sup>, OM16]. **examples** [Joh19, JAM<sup>+14</sup>]. **exceptional** [MPC99, OM14, SSHB03]. **Excess** [OHT12, DGP20, PDSS96, YCT<sup>+22</sup>]. **Exchange** [RVJG<sup>+02</sup>, RVJG<sup>+05</sup>, Sme04, Wir94, ALWW04, BPF<sup>+03</sup>, Bis94, BFF94, BLS<sup>+03</sup>, DKS03, DK04, ES04, GSGS01, GPB09, GKR<sup>+18</sup>, HLS<sup>+11</sup>, HDF<sup>+01</sup>, HSM<sup>+01a</sup>, JKB04, JCP05, KMO09, KIS02, LSC05, LRFK99, LPZ<sup>+04</sup>, LBY<sup>+10</sup>, MC05, MLS01, MB03, MS06b, MLVM02, MCJ<sup>+99</sup>, MMMC07, Pap05a, PG97, RLB03, RSB<sup>+15</sup>, SRY04, SE96, SHL<sup>+11</sup>, SWLL23, VLSS<sup>+04</sup>, WKM<sup>+07a</sup>, WCJ97, WDC<sup>+15</sup>, WCL<sup>+15b</sup>, YLBdR03, WC01a]. **exchanged** [LDV<sup>+02</sup>]. **exchanges** [CMC<sup>+05</sup>, CMB02, McP08]. **excitation** [SFD04]. **excystment** [MTK05]. **exercise** [GGM<sup>+16</sup>]. **exercises** [Joh19]. **exhibit** [BCBB12]. **exhibition** [SRS<sup>+15</sup>]. **exist** [KFS<sup>+17</sup>]. **existence** [TLF97]. **exit** [SPH<sup>+03</sup>]. **exopolymer** [LPA<sup>+95</sup>, PA95]. **Exp** [WOM<sup>+16</sup>]. **expans** [PMS<sup>+20</sup>]. **expansion** [OUJ<sup>+19</sup>, SIA<sup>+05</sup>, SLS17, TWN<sup>+06</sup>]. **Expatriation** [HK07]. **Expected** [Had11]. **Expedition** [AKI<sup>+16</sup>, BHT22, DF16, HB19, HBV19, HBVG20, HBVG22, ITK<sup>+16</sup>, KOS<sup>+16</sup>, LSOM16, OM16, OTN16, PBVC<sup>+16</sup>, Ala18, BPBJ13, BM15, BAF<sup>+18</sup>, CR06, Can06, Che13, CP18a, CP18b, Cra97, GMB18, HAP03, KKT16, Kyt02b, Kyt02c, MB15, MCB18, PLS<sup>+03</sup>, RSD<sup>+97</sup>, SBBP<sup>+15</sup>, TO95, TBFP04, VHS97, VKGQ<sup>+09</sup>, dLWFB08, Zar16, vdLCS<sup>+11</sup>, JSWB21, Mar18, RHK<sup>+10</sup>, Smi01, Urb20]. **Expeditions** [CGG<sup>+12</sup>, AA15, BIH10, BBB<sup>+07</sup>, BM15, EMG<sup>+15</sup>, FdBGP11, LGK15, MLBB14, PMJ20]. **experience** [CMB09, GCD<sup>+06</sup>, MML07, Sag18]. **Experiment** [BL01a, GBH<sup>+01</sup>, GSMB01, PLRV22, PSL07, Sha01, AHML95, ASN<sup>+02</sup>, BFF94, BSL08a, BQT08, BT98, BMF<sup>+01</sup>, COS<sup>+16</sup>, CJF<sup>+98</sup>, CSS<sup>+22b</sup>, CMRL11, DH93, FSP<sup>+16</sup>, FSK<sup>+05</sup>, Had11, HLR<sup>+09</sup>, HHH<sup>+93</sup>, HLS<sup>+11</sup>, HTS<sup>+09</sup>, HSH<sup>+08</sup>, HZK<sup>+05</sup>, HDCM95, JLAD95, Jac95b, JCF<sup>+06a</sup>, Kem94, KTP<sup>+05b</sup>, KTB<sup>+05</sup>, KHE<sup>+11</sup>, LWLS98, LAW<sup>+05</sup>, LCS<sup>+06</sup>, LSS<sup>+11</sup>, LSM<sup>+06b</sup>, MFG<sup>+93</sup>, MLS<sup>+06</sup>, MW06, MSH<sup>+07</sup>, MHP<sup>+07</sup>, NOT<sup>+09</sup>, NMH<sup>+06</sup>, PHS<sup>+11a</sup>, PHS<sup>+11b</sup>, PPL<sup>+07</sup>, RDL<sup>+09</sup>, RAS23, RLVF02, STN<sup>+09</sup>, SMY<sup>+98</sup>, SD06a, STF09, STJ<sup>+08</sup>, SHL<sup>+11</sup>, SWLW11, SSI<sup>+09</sup>, TSA<sup>+01</sup>, TA01, TSMS09, VSFF09, WJR<sup>+16</sup>, WTCB09, WTL<sup>+06</sup>, WC06b, WJS<sup>+06</sup>, ZHK<sup>+05</sup>, DMJ93, GG93, LDFS93, WCH<sup>+93</sup>]. **Experimental**

[CJF<sup>+98</sup>, GDYW02, GGCM17, Blu01, Bor01, CBC02, KKM<sup>+10</sup>, LB98b, MSA<sup>+14</sup>, PSS<sup>+16</sup>, SYS05]. **Experiments** [KGHA<sup>+01</sup>, ANI09, BBL<sup>+13</sup>, BDO00, CDJ<sup>+22</sup>, CFKS05, CFS09, EBB<sup>+08</sup>, FC09, GJC98, HIN<sup>+02</sup>, JWS01, KNG02, KKNH02, LDBvdB17, LLB<sup>+00</sup>, MLW<sup>+01</sup>, MNB02, ME02, PTO<sup>+16</sup>, SP19a, SESS08, TCM<sup>+22</sup>, VSD<sup>+97</sup>, WW04a, WB01, ZOB<sup>+96</sup>, ŽSN<sup>+18</sup>]. **explain** [SRY04]. **explains** [LWO<sup>+09</sup>]. **explanation** [LWS21]. **explanations** [KSBK01]. **Exploitable** [ZSKL19]. **exploitation** [BCG<sup>+22</sup>]. **exploiting** [NSBL94]. **Exploration** [HB19, RBG18, BIH10, EMEP18, HBV19, HBVG20, HBVG22, MWK<sup>+18</sup>, SS05a, SS05b, TZ09, WAM<sup>+18</sup>]. **Exploratory** [SCPC98, PFAZL09, SLS<sup>+09</sup>]. **explore** [GBS<sup>+22</sup>, HKAM12]. **Explorer** [SDGH14]. **Exploring** [DSW20, EP18, GSC<sup>+19</sup>, JFC18, Lut15, MGG<sup>+17</sup>, SCSMT20]. **Export** [BCH<sup>+96</sup>, BLG11, HDCM95, LCE<sup>+23</sup>, MYN<sup>+96</sup>, PLS07, RL97, SVR<sup>+00</sup>, SSH<sup>+11</sup>, VSR<sup>+00</sup>, AML01, AZK<sup>+20</sup>, ACH02, BGKB06, BZvHH00, BBV00, BAH<sup>+95</sup>, BBA<sup>+98</sup>, BBA<sup>+01</sup>, BBD<sup>+03</sup>, CHN<sup>+10</sup>, CEG<sup>+11</sup>, CM99a, CMB99, Che03, CBB<sup>+00</sup>, DSO<sup>+97</sup>, DEK<sup>+08</sup>, EBB<sup>+08</sup>, FS02, GMS<sup>+02</sup>, GdRGLS04, GS06b, HDPI99, HdBB<sup>+02</sup>, HCG19, IPH<sup>+17</sup>, JLTD11, JCP<sup>+22</sup>, KGKS20, KPPL00, KLM<sup>+02</sup>, KWW<sup>+12</sup>, LGHD20, LB07, LLL<sup>+15</sup>, LGB13, MQ01, MBNRB08, MSF<sup>+22</sup>, MES97, MKH<sup>+05</sup>, MLK<sup>+12</sup>, MSTT07, NISG05, NW01, OPB15, PG07, PAM<sup>+14</sup>, PKZ93, PABH07, PDS00, PRMM<sup>+17</sup>, RSR05, RGH<sup>+24</sup>, RRWR08, RSB<sup>+15</sup>, RBN<sup>+08</sup>, RMPI<sup>+17</sup>, RFB97, SLS<sup>+07</sup>, STJ<sup>+08</sup>, Sch02a, SNB02, STD<sup>+20</sup>, SDCH99, SSS<sup>+11</sup>, SBH<sup>+02</sup>, SZS<sup>+07</sup>, SAB<sup>+07</sup>, SLB<sup>+16</sup>, SHC<sup>+00</sup>, TRH<sup>+08</sup>, TTLP06, TA01, TDC08, VMM<sup>+08</sup>, VMGO<sup>+09</sup>, WN01, Wal94b, WCY05, YHL<sup>+12</sup>, Zel01, ZD97, ZQ97, ZT00, vdLBB<sup>+02</sup>, vdLCS<sup>+11</sup>]. **EXport** [MSH<sup>+07</sup>, MHP<sup>+07</sup>]. **exports** [HCG<sup>+03</sup>]. **exposed** [BTV<sup>+11</sup>]. **exposure** [DMC<sup>+17</sup>, DRRBC16, DM16b, ROC<sup>+21</sup>, SLD<sup>+13</sup>]. **expression** [ETP<sup>+16</sup>, YLD09]. **extant** [RPF<sup>+16</sup>]. **extended** [MSF<sup>+22</sup>]. **Extending** [HM14]. **extensible** [SCQ<sup>+09</sup>]. **Extension** [CBF<sup>+13</sup>, CBF<sup>+16</sup>, DRR<sup>+14</sup>, FSGV<sup>+09</sup>, KFH01, CK10, DJFK<sup>+22</sup>, NI10, PUB<sup>+06</sup>, QC10]. **extensive** [YK16]. **extent** [BBLS14, BCVCHW04, KAHS20, NSY04, RPMS95, Tou99, ZWM12]. **extracellular** [DKT<sup>+01</sup>, HD02, KN97]. **extraction** [CHG15]. **extraordinary** [TML<sup>+16</sup>]. **extratropical** [SLCLC<sup>+24</sup>]. **Extreme** [BZ20, HSR<sup>+16</sup>, DCA<sup>+98</sup>, GBI10]. **Exuma** [BBW<sup>+15</sup>]. **Exxon** [ALHP18, EBM<sup>+18</sup>, LMH<sup>+18</sup>, NM18, RP18]. **eye** [PGC<sup>+11</sup>]. **eyeless** [SSAL<sup>+17</sup>]. **Eyre** [BPM18].

**F.** [WTS08]. **face** [SRB<sup>+11</sup>]. **facies** [BH03, DBDT03, KSB<sup>+03</sup>, PGM<sup>+15</sup>, SKdS<sup>+14</sup>, YKY<sup>+07</sup>]. **facilitate** [SP06]. **Facing** [CV17, VLSS<sup>+04</sup>]. **factor** [GGC19, Mil94b, ODR<sup>+09</sup>]. **Factors** [DP07, DC08, EBGCL08, GMK<sup>+08</sup>, HHNK<sup>+04</sup>, PSUH<sup>+16</sup>, BMH08, CLC<sup>+03</sup>, CHG15, CBSS02, Dan95, EGL<sup>+16</sup>, ESWL20, GSMB01, GKGW22, HWTN22, KMOM19, LB18, LTW<sup>+22</sup>, MLS01, MHTZ19, NSH<sup>+10</sup>, RGIH<sup>+06</sup>, SML15, SHB14, SBL<sup>+18</sup>, TDCV<sup>+06</sup>, WC09, ZWC<sup>+15</sup>]. **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, ZZP04, 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, SNIT02, WPFB11, WPSB11]. **Fault** [HBCG14, HTT15, RDC<sup>+</sup>18a, RCG18, RDC<sup>+</sup>18b, ÇYB<sup>+</sup>18, GPÇ18]. **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, Jaz15, 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, RLG07, 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** [Hi194]. **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, Ano24h, 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, MDTS08, 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>+08</sup>, BMF<sup>+01</sup>, HS01, LWLS98, LCS<sup>+06</sup>, MC13, SVC<sup>+08</sup>]. **fertilised** [ASH<sup>+11</sup>, ACBMQ08, LSS<sup>+07</sup>, SLS<sup>+07</sup>]. **fertilization** [ANI09, BSL08a, BQT08, BABB08, CGSZ13, DVPR06, FC09, HTS<sup>+09</sup>, HKN<sup>+09</sup>, LSM<sup>+06b</sup>, MLS<sup>+06</sup>, MMT08, MW06, OCL<sup>+08</sup>, Qué13, STJ<sup>+08</sup>, SWLW11, SSI<sup>+09</sup>, TVLB08, TRHA01, TSMS09, WTCB09, WTL<sup>+06</sup>]. **fertilized** [COV<sup>+08</sup>, JBM<sup>+08</sup>, LGO08, TDC08, TNS<sup>+09</sup>]. **FGOALS3** [DCL<sup>+21</sup>]. **fidelity** [CRJ<sup>+08</sup>]. **Field** [NYNK05, STM04a, STM04b, VPA<sup>+20</sup>, BMB<sup>+18</sup>, CHH19, CM01, DJCF09, GBB<sup>+17</sup>, GDIK02, GBO01, HJS<sup>+10</sup>, HZK<sup>+05</sup>, HTT15, KL96a, KEA<sup>+17</sup>, Kyt02a, Led93, LSOM16, MCB<sup>+15</sup>, MARFP08, OGRd018, OAH<sup>+16</sup>, PPR<sup>+20a</sup>, SSY<sup>+05</sup>, SRB<sup>+11</sup>, SKMDR02, SBL<sup>+18</sup>, SS99b, SS13b, TRM<sup>+14</sup>, TPP<sup>+20</sup>, TTL<sup>+16</sup>, VSV<sup>+97</sup>, WMB<sup>+13</sup>, WGR<sup>+97</sup>, ZLOR02]. **field-based** [TTL<sup>+16</sup>]. **Field-of-view** [STM04a, STM04b]. **fields** [CSE<sup>+22</sup>, DIM<sup>+12</sup>, HRS<sup>+23</sup>, HAD19, MDI<sup>+12</sup>, MMC11a, MBS05, MCG<sup>+98</sup>, PFX<sup>+02</sup>, SCL<sup>+04</sup>, ULH<sup>+21</sup>]. **Fifteen** [ITT12, LTF<sup>+19</sup>]. **filament** [FMH<sup>+02</sup>]. **filamentous** [SKH<sup>+10a</sup>]. **filaments** [JCPC09, TLR<sup>+00</sup>]. **filippovae** [PNVJ13]. **filled** [KCTG16]. **Filosea** [GBBS00]. **fimbria** [CM16a, CM16b, RDSA<sup>+21</sup>]. **fin** [BRG17, ESWL20, ŠHW<sup>+04</sup>]. **Final** [Ano06b]. **Finding** [WSF<sup>+24</sup>]. **findings** [Bau02, DLB<sup>+11</sup>]. **Fine** [BHBC08, JWCC99, MKS<sup>+20</sup>, SGD<sup>+14a</sup>, aLCS15, MPF<sup>+17</sup>, NDG96]. **Fine-grained** [JWCC99]. **Fine-scale** [BHBC08, MKS<sup>+20</sup>, SGD<sup>+14a</sup>, aLCS15, NDG96]. **finescale** [BASLK04, CD95, Dud06, SCPP05]. **fingerprinting** [ANL13]. **fingerprints** [MZD<sup>+11</sup>, Pee97]. **finite** [LH06]. **Finland** [LL14, OT10]. **finmarchicus** [BM07, BK96b, CRD01, CPH01, CM01, GGDF08, HK07, LMDW06, MO96, PTS01, RPJ<sup>+06</sup>, SD06b, ST07, SMG<sup>+07</sup>, YQMB20]. **First** [BNP<sup>+09</sup>, BAF<sup>+18</sup>, BR14, BBW<sup>+15</sup>, BMSBM<sup>+17</sup>, CP18b, GMB18, Gol18, Gri13, KJB<sup>+08</sup>, KGS23, LOB<sup>+09</sup>, MB18, MGK<sup>+17</sup>, MGN<sup>+18</sup>, NHH<sup>+13</sup>, NKB<sup>+18</sup>, OBH<sup>+18</sup>, SBE<sup>+07</sup>, STFL<sup>+13</sup>, dMGPT<sup>+14</sup>, AM18, AM22a, BCNS15, BTLC98, CSE<sup>+22</sup>, DABF<sup>+16</sup>, Fir96, GM22, GK16, KWA<sup>+20</sup>, KFS<sup>+17</sup>, LDGH16, MG22, MBOvL08, ROBV<sup>+18</sup>, SRAL<sup>+17</sup>, STM04a, SSB<sup>+06</sup>, TOF04, TWD<sup>+08</sup>, VHS97, VWTK18, WGW<sup>+19</sup>, YLD09]. **first-passage** [SSB<sup>+06</sup>]. **first-year** [TWD<sup>+08</sup>]. **Fish** [AMJRD19, DOLP<sup>+09</sup>, KPBK08, Mun14, RHZ<sup>+03</sup>, SVAGRCS04, APMN<sup>+17</sup>, ADRS19, BGIJ<sup>+06</sup>, BH08, BLSW05, BHS<sup>+19</sup>, BHH<sup>+14</sup>, BMH08, BTR20, BDL<sup>+14</sup>, CRNP06, CRA<sup>+20</sup>, CMH09, CTW<sup>+20</sup>, CSF<sup>+12</sup>, CSGV13, DLLK15, DSBS20, DC12, DM16b, DSC<sup>+19</sup>, DBBWH20, ECD06, FARLR<sup>+13</sup>, FWC<sup>+12</sup>, FNS20, GMD07, GS06a, GDAMS19, GPCC<sup>+17</sup>, GKGW22, HCWH00, HBC<sup>+12</sup>, HSR<sup>+22</sup>, IMG<sup>+19</sup>, JRGLJ<sup>+19</sup>, KOO<sup>+24</sup>, KBSS93, KMD<sup>+11</sup>, KBFH14, LCD<sup>+24</sup>, LTF<sup>+19</sup>, LRR<sup>+04</sup>, LDG<sup>+23</sup>, LCL<sup>+22</sup>, LWB<sup>+07</sup>, LLM<sup>+17</sup>, LZL<sup>+22</sup>, LTL<sup>+23</sup>, LTS<sup>+13</sup>, LRDS18, LMLC<sup>+17</sup>, LM01, LNDH<sup>+17</sup>, LOFC00, MSW<sup>+13</sup>, MHPS19, MRMP09, MGK<sup>+17</sup>, MBP09, MGN<sup>+18</sup>, Mun16, NSLAP<sup>+17</sup>, NA13, NSWY20, NHBM10, OM98, OAH<sup>+16</sup>, OLP<sup>+20</sup>, PM10, PK08, PSHF<sup>+13</sup>, PSUH<sup>+16</sup>, PPM<sup>+17</sup>, PFPJ<sup>+09</sup>,

PGPP<sup>+13</sup>, PBMM14, PDC<sup>+21</sup>, QSA<sup>+09</sup>, RWT<sup>+20</sup>, RAR04, RHPR15, RNP93, SVJRSON04, SVB<sup>+19</sup>, SDB<sup>+19</sup>, SSP<sup>+09</sup>, SM03, SPP22, TP96]. **fish** [TLP<sup>+19</sup>, UC13, VJP<sup>+10</sup>, VVM<sup>+12</sup>, VPdP06, VFFM13, WBD17, WBML06, WAP<sup>+18</sup>, ZLW<sup>+19</sup>, Mun16]. **fisher** [LMLC<sup>+17</sup>]. **Fisheries** [Bro19, Ake19, BRCFP23, CAJE15, EBG<sup>+15</sup>, HC15, HBC<sup>+15</sup>, HIA<sup>+16</sup>, IDSM04, LP19, LS17, MGT<sup>+20</sup>, MCSF15, MDG13, MPH<sup>+16</sup>, MHG<sup>+17</sup>, NA13, NB04, Pas18, RSWG04, RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>, Sum19, YKO15]. **fishers** [BHS<sup>+17</sup>]. **Fishery** [LPK<sup>+17</sup>, WGNH15, BRCFP23, DVC14, Ham07, HHMF11, HSR<sup>+22</sup>, KYW20, JMP<sup>+19</sup>, TMGLM19]. **fishery-derived** [HSR<sup>+22</sup>]. **Fishery-independent** [LPK<sup>+17</sup>]. **fishes** [ABB<sup>+01</sup>, BMK05, BWOR22, BBB<sup>+01</sup>, CMC11, CSCP13, CLJ<sup>+13</sup>, CDT11, DTWF17, DLWW23, DT08, ESG<sup>+17</sup>, FCBD08, JZX10, KL13, LAJP13, LL13, LBM<sup>+20</sup>, MCL<sup>+19</sup>, MMID17, MG13, OB22a, OB22b, PKHH17, PDB<sup>+20</sup>, RVC<sup>+13b</sup>, RBS17a, RSW<sup>+13</sup>, RQRVM10, SPH<sup>+08</sup>, SWMB10, SLB13b, STS11, WZZ<sup>+19</sup>, WPFB11, YCA<sup>+20</sup>, ZWQ<sup>+19</sup>]. **fishing** [GPF16, MES<sup>+23</sup>, MSA<sup>+14</sup>, RH14, JMP<sup>+19</sup>]. **fit** [Eks07]. **fitting** [TC06].

**five** [DLKP14, FBB<sup>+13</sup>, Fir96, HBB<sup>+13</sup>, LHZ<sup>+16</sup>, RQM<sup>+08</sup>, SDB<sup>+19</sup>, JSWB21]. **fixation** [BPD<sup>+11</sup>, FSL<sup>+01</sup>, HBCO01, HSM<sup>+01b</sup>, OLG<sup>+01</sup>, PHH<sup>+06</sup>, RWR<sup>+02</sup>, SLB13a, TWPP07]. **fixed** [PHD<sup>+18</sup>]. **fixing** [JJVH18]. **fjord** [dSVC<sup>+14</sup>, Fer06, TBSP<sup>+18</sup>]. **fjords** [HA10, PS04a]. **Flabellum** [WTS08]. **flagellate** [BN97]. **flagellated** [SDMC03]. **flagellates** [TB98, ŽSN<sup>+18</sup>].

**flank** [CRD01, IAA96, LM01, LBB<sup>+06</sup>, MC06, MPPR14, MT96, RYT01, SMS01]. **flanks** [KBW<sup>+11</sup>]. **flatfish** [WSB13]. **flatfishes** [ZRG16]. **flavescens** [RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>]. **flavours** [DVCG<sup>+12</sup>]. **fleet** [MWT<sup>+17</sup>, WSP19]. **fleets** [LFKF<sup>+17</sup>]. **flexibility** [BCBB12]. **flexible** [MNPT06]. **flexible-composition** [MNPT06]. **flexion** [GLCU<sup>+17</sup>]. **Flight** [GMD07].

**Flo** [SHF<sup>+95</sup>]. **Float** [RF99, BB03, BS05, BS06, CDDC03, KMG<sup>+20</sup>, PK13, SGL99, SS13b]. **floaters** [IPH<sup>+17</sup>]. **floating** [CVF11, SSG<sup>+11</sup>]. **floats** [CWS<sup>+23</sup>, CMRI13, Fre13, GMCR18, Gou05, HMSMK04, KK20, KOR06, PR05, RG03, SRBR05, WXL<sup>+23</sup>]. **flocculation** [MZR<sup>+95</sup>]. **flock** [RMBW07]. **floe** [HNW<sup>+08</sup>, HEW15, PCL22, SWH08, TKF16]. **floes** [LKJ<sup>+15</sup>, THT11]. **flooding** [BSG<sup>+11</sup>]. **floor** [AS02b, BS98, IATK17, KHL<sup>+01</sup>, LSM<sup>+06a</sup>, RHD<sup>+11</sup>, RSdV<sup>+09</sup>, RBP<sup>+94</sup>, SBG<sup>+98</sup>, WL02]. **flora** [KPPL00]. **Florida** [LWL<sup>+24</sup>, LWZ<sup>+23</sup>, NWZL23, SWLL23, WKM<sup>+07a</sup>, CLW<sup>+23</sup>, WZL<sup>+16</sup>].

**flotsam** [GMCR18]. **flounder** [DDAH<sup>+14</sup>, DMH19, SCH<sup>+19a</sup>]. **Flow** [BSN18, CDDC03, EB01, PWP<sup>+05</sup>, Pin93, vGFGS02, BSX<sup>+15</sup>, Ben13, BFK<sup>+14</sup>, DO96, FGB10, GPC18, GPC14, HRT14, HFK<sup>+02</sup>, IHI<sup>+97</sup>, JS14, Jur20, LVJC17, LS04, LH06, LWC05, LAPL<sup>+16</sup>, MTB09, MPI07, MBS05, MSNL09, MSK<sup>+19</sup>, NLSL09, OSCS00, PPT<sup>+10</sup>, QC10, RG03, RWN<sup>+08</sup>, SSY<sup>+05</sup>, SOS01, SJL05, SM23, SS99b, TWL<sup>+15</sup>, TMC04, TS03, WGR<sup>+97</sup>,

WEB93]. **Flow-induced** [EB01]. **flows** [Abr19, Bas19, CA06a, HBSL01, HB05, LDV+02, PS20, Uml05, VS99, Web19, WCL22, vOSG+11].

**fluctuation** [PC18]. **fluctuations**

[DBC+19, GNHS05, Led93, LB93, LZB96, MALT05, PC00, SHN+07]. **Fluid** [GPC18, ACBV+18, CSG+15, CPW+18, FC15, HGK+18, Joh19, OGG+15, SO98]. **Fluids** [RÇG18, iITT+15, PFC09, PFAZL09, SLS+09, VB98].

**Fluorescence**

[GdRGH+14, HWS+98b, MT96, WLC99, YCN+10, CZVR02, DN97, DPS+11, DPY14, MGT16, NRH+06, OSCS00, SMS20, VKG93, VLR+02, YAS+93].

**Fluorescence-based** [WLC99]. **fluorometry** [CMG+11]. **flushing**

[GBG15, LBY+10]. **Flux**

[AS01b, BNM08, BHJ99, CRR01, DD06, Heb00, KHH+17, LMB+98, SBCH02, SAM+00, TBB+08, WCH+93, WC02, ABD+13, ANL13, ACH02, AE02, AAMF+02, AKBD13, Ano08, AMH+01, BCH+96, BHMK08, BFL00, BAH+95, BTS+08, CAFK03b, CRP+05, CFT+04, CCC+03, CDH+00, DURP03, DSvR+18, DB02, DWW+02, FBS94, FL02, FUGG+09, FS02, FPB04, GS08, GPK02, GZZC10, GK02, HTS+09, HH93, HMW00, HHD+09, HFP94, HRM+11, HDW+20, ILWH03, IPH+17, JB01, KAW+16, KCD+96, KH02, KRF01, KFF+94, KPPL00, KCY+16, KSU+08, KSS00a, LBV+08, LNJ+00, LSdC+10, LSUB94, LL01, LMA08, LAC+09, MQ01, MY99, MHG+04, MFG+93, MW99, MHA+01, MDTs08, MDT+08, MBM+00, MKH+05, MBT97, MSB96, MKVT+04, MYN+96, NGM+20, NFD+02, OTOH05, OT12, PFP02, PP93, PFW+09, PLPS98, PF06, PDY20, RLPF07, RWRS08, RL97, RSR+00]. **flux** [RBH+20, SSH+02, SH00, SE96, SF11, SFG98, SMB02, SZG+13, SDCH99, SBD+97, SGM+02, SAM96, TSS+02, TSW+09, TRWB99, TMW+05, WN01, WCB08, YZZ+16, YZ00, vdLCS+11, KND+08, NKD+08].

**Fluxes** [AMN+02a, BA94, CB00b, GSK02, RH99, ADV+01, ASBM02, ÁRR02, AKH+02, And00, ALH+01, BGS98, BS03, BCBF03, BH99a, BZvHH00, BLC+08, CTBNL08, Car07, CCP+18, CWB02, CRR01, DZBR95, DAA+20, DOBH02, DLF+09b, DZ08, DC96, ETDB11, FWG+97, FRW00, FGW02, FCP99, GCS+12, GRS00, GMR+05, GBP00, GHIM04, GRSW00, HTD00, HLG+21, HBT+08, HMS+13, HAF+15, HZS00, HdMR+99, HIN+02, HBCC13, HM93, HDPI99, HFM+00, HBCO01, HWS+13, HWC07, ITT12, IOK03, IGP+06, ITMG18, KOLA+18, KTL+00, KMD+01, LRGH+05, LGHD20, LBL08, LBM98, LFM02, LMB+98, LPW+09, LSB07, LCE+23, MPE+09, MRRG23, MISC+02, MDM+13, MYE+02, MW06, NISG05, NKA+11, OTH05, PIP+02, PKR+01, PDC+99, PAM+14, RLH+03, RS02, RHPC+19, SCGDU09, STJ+08, Sch02a, SBD05, STD+20, SSLA95, SHFM01, SK02, SMD08, SKGD14, SDLZ13, SZB+19]. **fluxes**

[SSH+00, Tan03, TMP+19, Thu98, TBBM03, TTA+16, UIS+03, VBM97, WPHL02, WJS+10, WWC+99, WTL+06, WSB+09, XA09, YZZ+19, YHL+12, ZDA+16, Zül05, vWDB+01]. **focal** [MT98]. **focus**

[DNR20, GBP21, KGB16, VVV04a]. **focusing** [LMS09]. **focussing** [RT20]. **fog** [CHN+18]. **following** [Bak98, BSL+96, BM15, EBM+18, HSB+16,

MGNB96, PR05, RP18, WPJW96, ZDA<sup>+16</sup>, ZJA16]. **fondness** [BLS09].  
**Food** [ADV<sup>+01</sup>, DRD06, DGK10, GNB<sup>+17</sup>, NA13, PCP<sup>+17</sup>, SMD06, SAM<sup>+12</sup>, WMH<sup>+07</sup>, WAV<sup>+12</sup>, ABC<sup>+05</sup>, ASF<sup>+12</sup>, AMK<sup>+05</sup>, AM07, BFSK08, BFM<sup>+14</sup>, BHC<sup>+01</sup>, CRD01, COV<sup>+08</sup>, CNOC13, CS20, DSN<sup>+20</sup>, DBS98, EMV09, FBBW<sup>+10</sup>, FHT<sup>+14</sup>, FTT<sup>+17</sup>, GGH<sup>+00</sup>, GSM<sup>+08</sup>, GGCM17, HS01, HFK<sup>+02</sup>, HWCT11, HAM<sup>+15</sup>, IBD10, JCF<sup>+06b</sup>, JSM<sup>+16</sup>, KYW20, LK98, LRN<sup>+14</sup>, MAH<sup>+12</sup>, MMTT<sup>+20</sup>, MD17, MKKF18, PTO<sup>+16</sup>, PDS<sup>+17</sup>, PDTS08, RJDR06, RWN<sup>+08</sup>, Row13, SVR<sup>+00</sup>, SS09, SCSMT20, SLLT10, Thi05, TVL<sup>+00</sup>, TWG00, VS99, VSR<sup>+00</sup>, VM13, WLM23, WWH<sup>+10</sup>, WGNH15, WTI<sup>+20</sup>, Wit00, WYT19, WPB11, vOSG<sup>+11</sup>, BH19b]. **Food-web** [ADV<sup>+01</sup>, DGK10, CNOC13, HAM<sup>+15</sup>, IBD10, KYW20, TVL<sup>+00</sup>].  
**FOODBANCS** [MDTS08, SMD08, SD08]. **foodweb** [BLOM93, DFK<sup>+06</sup>, HKAM12]. **foodwebs** [TPW<sup>+16</sup>]. **footed** [WSP19].  
**footsteps** [BM15]. **forage** [APMN<sup>+17</sup>, DSBS20, GFCS04, GMD07, GS06a, HBC<sup>+12</sup>, MHPS19, PSHF<sup>+13</sup>, PSUH<sup>+16</sup>, RMA<sup>+20</sup>, SPP22]. **Foraging** [BWOR22, CRJ<sup>+08</sup>, FEB<sup>+13</sup>, GHM18, MdSLH13, NBCT13, RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>, RDdL<sup>+13</sup>, SSB<sup>+06</sup>, BCF<sup>+04</sup>, CTH<sup>+98</sup>, ERPFF11, ECM<sup>+06</sup>, FMWD07, GBC<sup>+13</sup>, GMD07, GS06a, HCZ<sup>+07</sup>, HAGW<sup>+13</sup>, JHHK14, LGP<sup>+15</sup>, MCBC08, POI17, PNVJ13, PWB<sup>+06</sup>, RG06a, SGD<sup>+14a</sup>, SMA<sup>+17</sup>, TCEW07, VGGLB15, Wei07, WLR<sup>+00</sup>]. **foraminifer** [BW99a].  
**Foraminifera** [LEP14, VWTK18, AKHR<sup>+20</sup>, Ber24, BGB08, BS21, BJSH14, BRPH20, CB00b, DFA<sup>+20</sup>, FDR<sup>+18</sup>, GSB<sup>+03</sup>, HSC<sup>+07</sup>, Kha18, KSS<sup>+00b</sup>, KKNH02, LVP13, LH07, MHG<sup>+04</sup>, MC18a, PfSG11, SSR<sup>+14</sup>, SP06, SNK07, WMW96, CDL94, GBLS00, GdSP11, GAJ<sup>+13</sup>, LVP15, PBG07].  
**Foraminiferal** [LG09, AKI<sup>+16</sup>, CRM<sup>+16</sup>, DJC<sup>+14</sup>, GBSL98, GMBL10, Hus16, JBD<sup>+09</sup>, KNG02, KTL<sup>+00</sup>, SSSN19, SH00, SBL<sup>+07</sup>, SKdS<sup>+14</sup>, vGCM00].  
**foraminiferan** [GHG<sup>+04</sup>, GCKC07]. **foraminiferan-like** [GCKC07].  
**foraminiferans** [CCBL14, CG04, GLdS<sup>+09</sup>, WPB11]. **foraminifers** [SWZA02]. **forays** [BG09b]. **forbesii** [SMV<sup>+13</sup>]. **force** [LZS<sup>+18</sup>]. **Forced** [WWL02, DKJ13, LDG94, PPL<sup>+19</sup>]. **forces** [MSM<sup>+02</sup>]. **Forcing** [MMH<sup>+08</sup>, BDF00, BV98, BA02, CLC<sup>+98</sup>, CDRA08, CHH<sup>+21</sup>, CMJ<sup>+18</sup>, DS21, DWBP13, DD15a, DD15b, EHL02, ERR97, FLLGR04, FHW06, GWR93, GO15, HSR<sup>+23</sup>, HHW<sup>+08</sup>, HKC<sup>+21</sup>, HH05, JKN<sup>+05</sup>, KRG<sup>+01</sup>, LBC<sup>+98</sup>, LJBF00, MPL15, MHA<sup>+15</sup>, OACA19, OWD13, OBA02, Roy05, SMZ<sup>+08</sup>, ST13, TGFP02, VTA<sup>+11</sup>, WCC05, WBO07, WBJ<sup>+98</sup>, Yu03, ZXH<sup>+13</sup>, ZT00].  
**Forcipulatacea** [Mah16]. **Forecast** [STP<sup>+16</sup>, CWL<sup>+23</sup>, LWZ<sup>+23</sup>].  
**forecasted** [SABP<sup>+16</sup>]. **Forecasting** [HLR<sup>+09</sup>, TFP<sup>+16</sup>, BHS<sup>+17</sup>, CLF<sup>+09</sup>, CFZ<sup>+18</sup>, KAM<sup>+14</sup>, MPM<sup>+16</sup>, PDB<sup>+16</sup>, PPL<sup>+07</sup>]. **Forecasts** [HSSH23, HGB<sup>+13</sup>]. **foresight** [TSA<sup>+01</sup>]. **Foreword** [RP18, Sch02b, Sch03, lBW01]. **form** [BG10, MMHB98]. **Formation** [CBF<sup>+13</sup>, CBF<sup>+16</sup>, CMPB18, JLM20, Pas16, TKF16, AAG19, AKBD13, BHAL13, Cha07, DSK<sup>+13</sup>, GWL<sup>+15</sup>, GF07, Gol93, HRSJ23, HB03, HHR<sup>+08</sup>, JCPC09, JTDG13, JVL<sup>+16</sup>, KM05b, Las93, LPA<sup>+95</sup>, MML06, MDM<sup>+13</sup>,

MCM06, NEO+07, OS02, RPM07, RKHK+11, SSWM18, SPB+14, VPA+20, VS10, WOM+16, YLU+14, You10, ZAC+15, ESA+09, PPR07, Sch07].  
**formed** [GZGH22]. **forming** [HZMH07, LB14, SKH+10a]. **forms** [BN05, YET06]. **formulations** [PPS+16]. **Fort** [HGM+11]. **fortunata** [MCB+15]. **forward** [AGHS04, TP02b, TP02a]. **fossil** [DSE+14, RSdV+09, WCSA+16]. **Foster** [BS03, CRBK03, CKL03, KFG+03, KRW03, KL03, LT03, RHZ+03, SGD+03].  
**found** [IATK17, JS14, NRSL17]. **foundation** [CBHF10]. **Four** [SGM+02, CK03, CDM23, CLSS15, GGO+14, HKMS03, IOTS16, JZX10, JNB17, KC03, KMK+20, KMKA20, LW04, MKD+20, OBC+14, SKKM20, Thi05, WBO07, Wit00]. **four-dimensional** [HKMS03]. **four-member** [Thi05]. **Four-year** [SGM+02]. **Fowler** [MMN10]. **fractal** [LL95].  
**fractionated** [CLSS15, DPS+14, FPB04, JPSB93, LOA15, OBM+93, PTD+14, RWR+02, SG99, SH99c, TDKA05, VFS02, VvdLS11].  
**fractionation** [EWBW99, vdMLB+11]. **fractions** [CD20, DTP+05].  
**Fracture** [BFB+18, CSGV13, CSCP13, CLJ+13, CLB13, DAB+18, DHST13, EQW+13, FVW08, GLMB18, KJB+08, LAJP13, LS18, MSW+13, PBB+13, RKB18, SLB18, SWL+18, SAM+13, BSJ13, BBT+18]. **Fragilariopsis** [DVS+97, HPN+12, NGM+20]. **fragment** [MN10]. **Fram** [BSKD+07, Heb00, SH99a, SH99b]. **framework** [FO05, GBS+22, KG20, MTR+10, MGT+20, Pas18, RAS23, SM12, SCQ+09, TAB+16]. **France** [NC97, CMP14, FGF+14, MBMM+99, VHC+17]. **Frank** [Ano19]. **Frederick** [Lut09, SPS+09]. **Free** [LRH+11, SSH+11, Smi11, BTLC98, CVF11, DFMW13, DI00, ETDB11, FMZ15, GGO+14, HKSV11, HSM11, KRS+11, LWV+15, MRE+11, PFW+09, RVS11, REWH11, SCM+02, SRH+11, SRB+11, SHM+11, SSS+11, SSG+11, TLF97, VVV04b, VSC+11].  
**Free-Drifting** [SSH+11, LRH+11, Smi11, ETDB11, HKSV11, HSM11, KRS+11, MRE+11, PFW+09, RVS11, REWH11, SRH+11, SRB+11, SHM+11, SSS+11, VSC+11].  
**free-floating** [CVF11, SSG+11]. **free-living** [FMZ15, LWV+15, VVV04b].  
**free-ranging** [BTLC98, DFMW13]. **freeboard** [SHW+16]. **French** [DMC+17, DLW+17, FPB+14, LPA+17, LAB+17, Mar02]. **French-JGOFS** [Mar02]. **frequency** [BCT21, BWS+98, CLB13, CMJ+18, GPC14, GKBG17, HZW+23, KRGT14, LDV+02, LWSA08, PCT18, SLP+09, SPF+94, UY04].  
**Frequent** [SSHB03]. **fresh** [AMH+24, Cra05, IIM+09, KFW01, SSB+17].  
**fresh-core** [AMH+24]. **Freshening** [ACSG15, KNK15, KxF22, RAC+20].  
**Freshwater** [HSPS24, HCG19, JCP+22, WDR05, AVS+20, Car07, DHS+09, DRS10, MBW+08, PSWF19, SP19a, SF11, SMB02, SJM02, SBS+02, vWMR+17].  
**Frictional** [Gar04]. **Fridtjof** [RAB+17]. **fringing** [HKY+13, LWSZ13, ZHY+13]. **Front** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, CSP05, CP02, DPS+11, JDD+11, KMD+01, NGS+15, NDD+14, SH02, SBvdL+02, SLB13b, vdLBB+02, AAB+97, ACG19, BKD06, BCKH07, CCM15, DL01,

EB01, JLTD11, JMN<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>+03</sup>, APB<sup>+09</sup>, CCK<sup>+16</sup>, HLA<sup>+06</sup>, IBK<sup>+11</sup>, JBR<sup>+18</sup>, KRHS20, Mah16, MBDB<sup>+24</sup>, MARFP08, SHY10, YLD09]. **functioning** [CHS17, HWJ20, MBT<sup>+14</sup>, MKD<sup>+20</sup>, MCD<sup>+09</sup>, MBG<sup>+24</sup>, PCP<sup>+17</sup>, RBDO17]. **fundamental** [GDIK02]. **Fundy** [ER05, MPH<sup>+05</sup>, MLH14]. **fundyense** [ASK<sup>+05</sup>, AKM<sup>+05</sup>, AKK<sup>+14</sup>, Ano05a, ABS<sup>+14</sup>, BFK<sup>+14</sup>, BAD<sup>+14</sup>, DPS<sup>+14</sup>, DTP<sup>+05</sup>, ER05, KCMA05, KCA05, LLK05, MPH<sup>+05</sup>, MLH14, MAST05, MALT05, MTK<sup>+14</sup>, MBC<sup>+14</sup>, PTD<sup>+14</sup>, PKA05, SKM14a, SMSA05, TBT05, TPT05, TMTR14, TDKA05, VCM<sup>+14</sup>]. **Fungal** [NMN<sup>+17</sup>]. **Fungiacyathus** [WF13]. **furcilia** [VMF<sup>+16</sup>]. **Furrow** [BRSB16]. **Further** [LCL<sup>+09</sup>]. **fusiformis** [RMBW07]. **Future** [WOS12, AS01a, AKK<sup>+14</sup>, ASBR17, BMR<sup>+14</sup>, DABF<sup>+16</sup>, EEAA<sup>+19</sup>, HBSL01, HHMF11, HGB<sup>+16</sup>, HAE<sup>+15</sup>, HMHY11, LTF<sup>+19</sup>, LAGK<sup>+18</sup>, LBM09, MBT<sup>+14</sup>, MGG<sup>+17</sup>, MHG<sup>+17</sup>, PDC<sup>+21</sup>, RDW<sup>+22</sup>, WWC<sup>+19</sup>, XGF18].

**G** [Ano97b]. **G**. [dLWFB08]. **GA** [BAC<sup>+15</sup>]. **GA-03** [BAC<sup>+15</sup>]. **GA03** [BSS15, JSBC15, SSUB15, FCW<sup>+15</sup>, HMW<sup>+15</sup>, HAF<sup>+15</sup>, JM15, RSB<sup>+15</sup>]. **Gabon** [CBNR<sup>+09</sup>, vCO09]. **Gadidae** [EGOO22, EBG<sup>+22</sup>]. **gadids** [CSS<sup>+22a</sup>]. **Gadiformes** [EGOO22]. **gadoid** [Mun14, Mun16]. **Gadus** [BZS<sup>+16</sup>, BD06, CCC<sup>+23</sup>, Dri09, DABF<sup>+16</sup>, EZB<sup>+20</sup>, EBG<sup>+22</sup>, EMB<sup>+22</sup>, FHAH16, GEP<sup>+16</sup>, HSC<sup>+19</sup>, IAA96, JGM09, KVS<sup>+09</sup>, MMS<sup>+19</sup>, MES<sup>+23</sup>,

MDH16, MZH16, NHCL14, RG06a, RG06b, SRFR07, SCD+22, SH16, SHPM14]. **gain** [LWJR22, PTO+16]. **gained** [BVB14a]. **Galapagos** [SCC98, HTML98, HWS+98a, LCK+18, MYL+98, SMY+98, VAMPR+17, Pal04, SWB+18]. **Galatheidæ** [CRT+00]. **Galattheoidea** [CNM17]. **Galicja** [CPF+14]. **Galiteuthis** [SRS+20]. **Galway** [LDBvdB17]. **Game** [FSP+16, GGM+16]. **gamma** [STWW01]. **gammarid** [AGD96]. **Ganga** [CRP+05]. **gannets** [GMD07, SGD+14a]. **GAO3** [JLL+15]. **Gap** [LC16, LCS16, WSF+24]. **garden** [HCBL+17, VSFF09, dMGPT+14]. **Garveia** [SC15]. **Gary** [HWWM19]. **Gas** [SE96, EMEP18, GHD+18, HLS+11, JKB04, KWN+09, MS18, RDC+18a, RDC+18b, ROBV+18, SHL+11, SBL+18, WPB+16, WAM+18]. **Gascoyne** [HWTP07]. **Gastropoda** [CKFC18, CSE+22, NCK+22, SBE+07]. **gastropods** [CKFC18, FHK18, GFS15, JBOH10, SWZA02, SBB+11, WB09]. **Gateway** [MWFS17]. **gaudichaudii** [WT12]. **gauntlet** [SCH+19b, SCH+19a]. **Gaviera** [SGPD+14]. **gazella** [AHB+17]. **Gdansk** [BRSB16]. **gear** [HKY+13]. **GEBRAP96** [CR06]. **gel** [RSF+99, VS10]. **Gelatinous** [SHM+20, MCCM+98, YSHS08]. **gelbstoff** [VLR+02]. **gen** [CAK15, MB07a, SM15, UC13]. **Gene** [BMB+18, LVJC17, ETP+16, EGOO22, EBG+22, JBR+18, XGL15]. **genera** [BVL04, BV04, CP18b, LdSN+18]. **General** [AKM+05, CDJ+22, DGP20, GG02, Hei02, KIY+05, NP03, VIY02, WMC06, WBA03]. **generalised** [BDL+14]. **Generalization** [Abr19]. **generalized** [KMD+11]. **generated** [Che02, CHG15, JMW+20, LH06]. **generating** [MC12, MTWH04, Rog00]. **generation** [ASM06, DFC05, PHM06, SA02, SAK05, SPW+22, SHA04]. **genes** [CCK+16, MHC+10, RSF+99, YLD09]. **genesis** [ÇYB+18, CSG+15]. **Genetic** [ASMM11, CRT+00, MMN10, BLBW+11, BK96b, CSM13b, FRBB10, HD17, MN10, PBG07, RLB18b, RCCP13, SWK+23, VVM+12, VWTK18]. **genetics** [BTM+98]. **Genome** [XSL+17]. **Genome-wide** [XSL+17]. **genomes** [FB14]. **genomic** [XZW+19]. **genomics** [NTA+10, XSL+17]. **genus** [ADE22, BDR16, CSE+22, CB18, CK24, CRT+00, DFD+11, DQC14, ELG+22a, ELG+22b, GJ11, HRS+23, KBK+18, LMS15, MNN10, MM15, MFS+23, OKH+22, TY98, UC13, VVV04b, XZW+19]. **geo** [KFS+17]. **geo-** [KFS+17]. **Geochemical** [FDP+14, GKH+07, GBC+05, SA15a, SBS+00, WZ03, YLR18, ZSLL15, ACBV+18, AST07, ASV18, BHSJ16, BHS+10, HdVGHM02, HFL+15, KHL+01, MFN+02, OTK+05, PBVC+16, RHD+11, RH07, RGS+15]. **Geochemistry** [Cha03, FSCC07, SA18, ÇYB+18, CKH+05, FBCP01, GMC97, HHP+96, HWS+07, ITM+12, KBI+11, KSS+00b, LPFS97, MMG+07, MT11, MMWM00, MAR+17, PPR07, RAF+14a, RAF+14b, RSP+98]. **Geochronology** [RSP+98]. **geographic** [LZZ+16, NLHB01, NHS+13, WGG98]. **Geographical** [BE00, OUJ+19]. **Geography** [YXZ+22, NHCL14]. **geolocation** [Eks07]. **Geologic**



[GTB15, CES98]. **Geological** [SBDB09, Tho04, CTT09, FSG02]. **Geology** [SDGH14, MT11, RSH10]. **geometrical** [TC06]. **Geomicrobial** [CBB+98]. **Geomorphic** [OBC+14, NHD11, PGM+15]. **geomorphological** [WGW+19]. **Geomorphology** [GBDM+14, HBCG14, KBW+11]. **geophysical** [GPMZ+10, SC10]. **George** [HB03, KIM08, NKA+11, BH03, DZ08, EBG+11, HBB03, NHH+13, PS03, PBO+11, PDBH03]. **Georges** [Ano97b, DL01, GDE+96, MLW+01, TMTR14, ADGA01, ABB+01, AGD96, BDW+96, BBR+96, BSM01b, BHC+01, BD06, BK96b, BGMH01, CRD01, CBF01, CHV09, CBS+01, DVC14, DPS+14, DC06, FC01, GTTKB14, HLNO96, HF01, IAA96, JCF+06a, JCF+06b, LCD01, LMDW06, LB96, LM96, LCR+96, LM01, LBB+06, LLW01, MB96, MS01, MC06, MB01, MTK+14, MO96, MT96, NLHB01, NDG96, PWMC01, PTD+14, RPJ+06, RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TLW+94, WPLN96, WMS+96, WB96, WBBM01, WBML06, WBI+01, WOU06, YO96]. **Georgia** [JBVW12, LCE+23, MMH+08, WT12, YMMC11, APL+23, BJK+22, CWS+23, GSB+23, HKAM12, KWW04]. **GEOSAT** [WEB93]. **geoscience** [GDIK02]. **GEOSECS** [BDM+03, MPS+03]. **geospatial** [LB18]. **geostationary** [HF21]. **geostrophic** [BB03, Cok16, GGLP02, MRM+12, PS20]. **Geotechnical** [GBO01, MMM+00]. **geotechnics** [MMWM00]. **GEOTRACES** [BAC+15, BSS15, FCW+15, HAF+15, JLL+15, JSBC15, LOA15, MHFM15, OL15, RSB+15, SSUB15, BHLS15, HMW+15, HAF+15, JM15, NESB+15, SML15, vdLCS+11]. **Geotraverse** [HTT15]. **Gerlache** [ÁRR02, DÁSCP02, ME02, Fig02, GCR+02, HZL94, IMP+02, KOLA+18, KGdC+18, LAF+02, MTD+18, RVZ02, RJGBF02, VFS02, dCHdOF+18]. **gerlachei** [KL03]. **German** [BM15]. **germination** [SKM14a]. **germling** [VCM+14]. **Getting** [MCH+13]. **Ghanaian** [BMSBM+17]. **GHRSSST** [DIM+12, MDI+12, MDI+12]. **giant** [CBNR+09, MAR+17, OCG+09, PCL22]. **Giantism** [SLT+14]. **Gibbs** [BSJ13, CSGV13, CSCP13, CLJ+13, CLB13, DHST13, EQW+13, FVW08, KJB+08, LAJP13, MSW+13, PBB+13]. **Gibraltar** [PNLFS02, PNLF02, PNLFS03, RVJG+05, BAC+02, ELB+02, LDV+02, PNLF02, RVJG+02, SCGDL02, SWC+02, SABP+16]. **gigantea** [JLL+13]. **gigas** [FEB+13, NA13, Sei13, SFMG13, SGFP13, TS13]. **GIS** [AKZL16]. **glaberrima** [EWF+18]. **Glacial** [ACFS02, HFM+02, LXWC21, LAT+18, Mun07, NGM+20, BL98, Ber24, DW15a, FAS+03a, FLMF07, GBC+05, HSS+12, LRM07, MK21, YKY+07, CMVS+10]. **glacial-Holocene** [GBC+05]. **Glacial-interglacial** [NGM+20, Ber24]. **glacial/interglacial** [LRM07]. **glacialis** [PCAS05, SRS+20]. **glacialis/marshallae** [PCAS05]. **glacially** [DBD03]. **glaciation** [BDE07, YK16]. **Glacier** [SMV+03, VSGM03a, VSGM03b]. **glaciers** [AMvD+12, GAL+12, GAL+20]. **GLAD** [WJR+16]. **gladius** [LPK+17]. **glass** [GJ11, NB10, SRS+20]. **glaucinite** [Cha07, WC07a]. **glaucony** [AST07]. **Glider** [MLW+16, HDGM19, JR15, KMG+20, PO15, SRA+09, TBPS22]. **glider-detected** [PO15]. **gliders** [DLF09a]. **glimpse** [JSSW14]. **Global**

[AS01b, ADK<sup>+15</sup>, BHJ99, BTS<sup>+08</sup>, DD06, DKP<sup>+17</sup>, GMR06, HWCT04, LPL<sup>+20</sup>, SBCH02, SE07, SAM<sup>+00</sup>, TSS<sup>+02</sup>, TBB<sup>+08</sup>, WCH<sup>+93</sup>, AGHS04, BBN97, BMML06, BSH<sup>+11</sup>, CFS<sup>+06</sup>, CH07, GHM<sup>+12</sup>, Gre01, GGSC03, GC07, Hei02, HK19, HMHY11, JDL<sup>+12</sup>, KIY<sup>+05</sup>, LS17, LHX<sup>+22</sup>, LH15, MFH04, MTT<sup>+12</sup>, MDK<sup>+01</sup>, MRM<sup>+12</sup>, MGG<sup>+17</sup>, QQJ<sup>+21</sup>, SHA04, SMD06, TSW<sup>+09</sup>, WOS12, WLY<sup>+22</sup>, WR15, WLT20, YBRT17, ZHM<sup>+24</sup>, TFR<sup>+10</sup>].

**globally** [TTL<sup>+16</sup>]. **GLOBEC** [HWCT08, HD07, MLW<sup>+01</sup>, TSZ10, WAL<sup>+11</sup>, Ano07b, BLSW05, Eck94, HWCT11, HHP04, SF04, WBBM01, WBML06]. **globosa** [SLT<sup>+14</sup>]. **Glucose** [KMD<sup>+01</sup>]. **glues** [DD95]. **GMPE** [MDI<sup>+12</sup>]. **gnathophausiids** [LDBS<sup>+17</sup>]. **Go** [SHF<sup>+95</sup>, BRG<sup>+19</sup>]. **Go-Flo** [SHF<sup>+95</sup>]. **GO-SHIP** [BRG<sup>+19</sup>]. **GOAIERP** [DB16]. **GOAL** [MTG18]. **Goban** [HDF<sup>+01</sup>, HSM<sup>+01a</sup>, HCG<sup>+01</sup>]. **going** [KCZ<sup>+19</sup>]. **Golfingicola** [SM15]. **gonad** [GGRJD<sup>+10</sup>]. **gorbuscha** [ABC<sup>+05</sup>, MBC<sup>+09b</sup>]. **Gorda** [RSP<sup>+98</sup>, SB98, Bak98, CES98, CBB<sup>+98</sup>, FBL<sup>+98</sup>, FD98, JBS<sup>+98</sup>, KLLO98, MBF<sup>+98</sup>, WH98]. **gorgonians** [RVC<sup>+13a</sup>]. **Gorringe** [HC13]. **governance** [EHB19, GKB19, MGT<sup>+20</sup>]. **governed** [GKB<sup>+18</sup>, RBS<sup>+17b</sup>]. **governing** [CMRL11, DLF<sup>+09b</sup>, NRH<sup>+06</sup>, PVT<sup>+21</sup>]. **GPS** [HEW15]. **Gracilechinus** [GIPLL<sup>+14</sup>]. **gracilis** [HCAK17]. **gradient** [AMN<sup>+02a</sup>, BHS<sup>+19</sup>, GARVK04, JHHK14, LBE06, MS09, NFD<sup>+02</sup>, RSF<sup>+99</sup>, SLB18, SBH<sup>+02</sup>, TŠŠ<sup>+19</sup>, TMP<sup>+13</sup>]. **gradients** [BV98, BY04, BASLK04, ECM<sup>+06</sup>, GNG<sup>+22</sup>, GLdS<sup>+09</sup>, Kli09, KVS<sup>+09</sup>, KNN<sup>+06</sup>, MGHN01, MBG09, OMS06, OBKA17, PO15, RJGBF02, SBB<sup>+11</sup>, TBSP<sup>+18</sup>, VTD<sup>+20</sup>, WZW<sup>+95</sup>, WGG98, Zon97]. **graduate** [CPM<sup>+18</sup>]. **grain** [Mil94b]. **grain-size** [Mil94b]. **grained** [JWCC99]. **grains** [WC07a]. **Grand** [DPK<sup>+14</sup>, DKP<sup>+14</sup>, PDK<sup>+14</sup>]. **Grande** [HCBL<sup>+17</sup>]. **grandis** [GW98]. **granulosus** [CGD<sup>+15</sup>, SLC<sup>+15</sup>]. **Grassle** [Lut09, SPS<sup>+09</sup>]. **gravel** [CHV09]. **gravity** [GOM<sup>+09</sup>, TWL<sup>+15</sup>, VT09]. **Gray** [BFS<sup>+17</sup>, BCKH07, CBK<sup>+07</sup>]. **Grays** [PCF<sup>+18</sup>]. **grazers** [NED09]. **Grazing** [ASH<sup>+11</sup>, DB97b, ML20, PF04b, SBB06, BMHR08, BGH99, BTUV08, CAMA<sup>+02</sup>, CAH<sup>+09</sup>, CTC05, CSA<sup>+09</sup>, CAS<sup>+16</sup>, CLSS15, DZBR95, DLR11, DVPR06, FWP<sup>+07</sup>, Fro04, Kla97, KLD21, LCK95, LBC<sup>+98</sup>, LDS<sup>+08</sup>, LST<sup>+11</sup>, LHD<sup>+22</sup>, LLB<sup>+00</sup>, LMG93, LYN<sup>+13</sup>, LLS<sup>+19</sup>, MTE<sup>+02</sup>, OT03, PTO<sup>+16</sup>, PAR<sup>+08</sup>, PKW07, PDT<sup>+10</sup>, PDT<sup>+11b</sup>, RSW<sup>+00</sup>, SRHP23, SVC<sup>+08</sup>, SLT<sup>+11</sup>, SSH09, SSR13, SWG14, SF08, TB05, URDP01, VSSN96, YOK<sup>+10</sup>, YOO<sup>+10</sup>, YHK15, ZDWR95]. **great** [AAB<sup>+97</sup>, BEC<sup>+96</sup>, Beg18, BPM18, DSvR<sup>+18</sup>, EMEP18, EPHE18, FKS18, FBPG18, GDE<sup>+96</sup>, HKM00, HRM<sup>+18</sup>, MBG18, MB96, OGRdO18, Pas18, PvRR18, PHE<sup>+18</sup>, WAP<sup>+18</sup>, WAM<sup>+18</sup>, WWS02, vRPD<sup>+18</sup>]. **greater** [YWI<sup>+02</sup>]. **Greece** [TKP<sup>+20</sup>]. **Green** [OSCS04, TB98]. **Greene** [Ano97b]. **Greenland** [MW99, And00, BK99, CFK15, FPHH<sup>+09</sup>, GFS99, HSPS24, HMHY11, LGQ99, MCJ<sup>+99</sup>, NRM<sup>+99</sup>, RPB99, SDCH99, Tou99]. **Greenwich** [BFH<sup>+11</sup>, FHR<sup>+11</sup>, RPB02, WS11]. **Grenada** [MS18]. **grenadier** [MSW<sup>+13</sup>, RCCP13]. **Grey** [VHC<sup>+17</sup>, MCS07]. **grid** [TFP<sup>+16</sup>].

**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, BKCIV10, 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, SBQ<sup>+</sup>02, SLA<sup>+</sup>01, SW01, SRF07, 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]. **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, CTC05, 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>+06</sup>, MHB<sup>+23</sup>, MMS<sup>+16</sup>, MTK05, MMS<sup>+19</sup>, MPC99, MAST05, MALT05, MBC<sup>+14</sup>, MHTZ19, MHPS19, MO96, MHC<sup>+10</sup>, MHSV18, MSK<sup>+19</sup>, MCS<sup>+09</sup>, MBC<sup>+09b</sup>, MZH16, MSB96, NOLASZ04, NRH<sup>+06</sup>, NR06, NWZL23, OMS06, OT10, OCG<sup>+09</sup>]. **Gulf** [OJK<sup>+10</sup>, OBH<sup>+19</sup>, PCB<sup>+00</sup>, PHH<sup>+16</sup>, PBGCD<sup>+13</sup>, PWH05, PTD<sup>+14</sup>, PCJ<sup>+05</sup>, PHK<sup>+14</sup>, PAM<sup>+14</sup>, PSZ<sup>+19</sup>, PSAY20, Pri06, QED<sup>+14</sup>, RT14, RMCAR06, RFJ10, RSH10, RSRL00, RPF<sup>+16</sup>, RQRVM10, RWN<sup>+08</sup>, RK08, RMNB08, RSR<sup>+00</sup>, Roy05, RGIH<sup>+06</sup>, RGL06b, RN06, RYT01, SCL<sup>+04</sup>, SVAGRCS04, SMR<sup>+06</sup>, SR08a, SVB<sup>+19</sup>, SVR<sup>+00</sup>, SRY04, SKD<sup>+16</sup>, SKM14a, SDB<sup>+19</sup>, ST13, SMBL19, SHFM01, SR08b, SCB<sup>+16</sup>, SBC<sup>+16</sup>, SGM<sup>+14</sup>, SCS<sup>+98</sup>, SSC<sup>+00</sup>, SMSA05, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, SMB<sup>+18</sup>, SFB16, SFB19, SPP22, Tho97, TTFJ13, TC06, TMC04, TBT05, TPT05, TMTR14, TLKT00, TB05, VGSV09, VPA<sup>+09</sup>, VALW23, VSR<sup>+00</sup>, WSS<sup>+08</sup>, WJS<sup>+10</sup>, WJR<sup>+16</sup>, Wil08, WC01b, YSMW05, ZHM<sup>+24</sup>, ZL23, ZDA<sup>+16</sup>, Zim19, ZDO19, vCO09]. **Gulfs** [GSdAMNMM04]. **Gully** [GPC14, KCM<sup>+14</sup>, MKKB14, MM14, SSG14]. **Günther** [KPBK08]. **Gurjanopsis** [MB07a, MB18]. **Gurjanova** [EGMB13, MGE13]. **gut** [WPFB11, YOO<sup>+10</sup>, YQMB20]. **Guyot** [VOK<sup>+24</sup>]. **Gwaii** [HBCG14]. **Gymnocanthus** [GNB<sup>+17</sup>]. **Gymnodinium** [FRBB10]. **Gyre** [JPM99, AKBD13, Bat01, BTR20, CSH<sup>+13</sup>, CBF<sup>+16</sup>, EBB<sup>+08</sup>, FHR<sup>+11</sup>, GPCT23, HLG<sup>+21</sup>, HZT<sup>+06</sup>, KQ02, MML06, MSC04, MWF<sup>+19</sup>, MSS<sup>+02</sup>, NI10, RKHK<sup>+11</sup>, Ros99, AKH<sup>+02</sup>, CBF<sup>+13</sup>, Gol93, HdBB<sup>+02</sup>, KBL01, KFHR05, LKL<sup>+13</sup>, SF99, TMW<sup>+05</sup>, vHHH<sup>+11</sup>]. **gyres** [BGKB06, KKNH02, MSC<sup>+19</sup>, TTLP06, GSW<sup>+09</sup>].

**H** [Ano97b, Ano97c, KLLO98, MPS<sup>+03</sup>]. **H3** [PC00]. **H3/M1** [PC00]. **HAB** [ACK<sup>+14</sup>, RMK<sup>+14</sup>]. **habit** [SNH<sup>+23</sup>]. **Habitat** [BFDB17, BNKJ23, DAB<sup>+18</sup>, EHK<sup>+20</sup>, HHMF11, LVP<sup>+17</sup>, PMF<sup>+17</sup>, PSZ<sup>+19</sup>, PTS17, SGPD<sup>+14</sup>, SLS17, SMV<sup>+13</sup>, SJJ19, AD08, ADK<sup>+15</sup>, AHB<sup>+17</sup>, BF14, BRBD17, BWH<sup>+17</sup>, BCF<sup>+04</sup>, BHBC08, BOH<sup>+04</sup>, CV17, CWEHT22, CW15, CWE<sup>+17</sup>, DHS<sup>+14</sup>, DVS<sup>+14</sup>, DW15b, EWF<sup>+18</sup>, FRH<sup>+98</sup>, GPCC<sup>+17</sup>, HCBL<sup>+17</sup>, HH03, IABR<sup>+17</sup>, JMM<sup>+13</sup>, KG20, LLD<sup>+17</sup>, LPD<sup>+17</sup>, LWJR22, LGP<sup>+15</sup>, MDTS11b, MPF<sup>+17</sup>, MSNL09, MM14, MST<sup>+14</sup>, PHE<sup>+18</sup>, PRORSV<sup>+19</sup>, PWB<sup>+06</sup>, PGM<sup>+15</sup>, PGPP<sup>+13</sup>, RDW<sup>+22</sup>, RCM<sup>+17</sup>, SDT<sup>+17</sup>, SRAs<sup>+24</sup>, ŠH11b, SCD<sup>+22</sup>, SFH<sup>+18</sup>, SSB<sup>+06</sup>, SBG<sup>+06</sup>, VGSV09, VMAW12, VSR<sup>+10</sup>, WMB<sup>+13</sup>, WL20, WNHF<sup>+15</sup>, YSMW05, YSBH06, YBRT17, ZRG16]. **habitats** [AP22, AMTE09, BvGH<sup>+17</sup>, BRBD17, BHSJ16, CHV09, DGT<sup>+17a</sup>, DCF<sup>+18</sup>, GSM<sup>+08</sup>, GBJ<sup>+15</sup>, HYMD11, HBC<sup>+12</sup>, JBS<sup>+10</sup>, KBFH14, LRL<sup>+22</sup>, MdSLH13, NRSL17, NLSL09, NDE14, NBCT13, PBO<sup>+11</sup>, RRT<sup>+17</sup>, RSB<sup>+17</sup>, RHPR15, ST07, SKdS<sup>+14</sup>, SJST13, VLP<sup>+17</sup>, YK05, ZLW<sup>+19</sup>]. **habits** [ABC<sup>+05</sup>, GNB<sup>+17</sup>, KHT<sup>+20</sup>]. **HABs** [Rai14]. **Hadal** [JFC18, JSWB21, BFB<sup>+18</sup>, CW18, JLL<sup>+13</sup>, Jam18, KBR18, LMLJ18, LS18, LWWF18, RLB18b, RJP18, SWL<sup>+18</sup>, XGF18]. **Hadd** [BMM<sup>+99</sup>]. **haddock**

[BD06, LM96, LCR<sup>+96</sup>, WPLN96]. **HadGEM2** [TdFAL19]. **HadGEM2-ES** [TdFAL19]. **Haecker** [PPC<sup>+07</sup>]. **haemoglobin** [VPdP06]. **hagfish** [CHG15]. **Haida** [CBPT05, DFC05, HBCG14, JMSW05, MRC05, YC05]. **Hainan** [bLHsL<sup>+13</sup>, ZHY<sup>+13</sup>, LWSZ13]. **hake** [SSP14]. **Hale** [NCL13]. **half** [BCW03, CTBNL08, LPA<sup>+95</sup>]. **half-lives** [LPA<sup>+95</sup>]. **halibut** [Loh08]. **Halichoerus** [MCS07]. **halides** [MW06]. **halocarbons** [ALWW04]. **halocline** [AKH<sup>+02</sup>, GF97, MTT<sup>+12</sup>]. **halogenated** [ABC<sup>+04</sup>]. **halomethanes** [HTS<sup>+09</sup>]. **Halomonhystera** [GK16]. **halosaur** [KPBK08]. **Halosauropsis** [KPBK08]. **Hamilton** [LPZ<sup>+04</sup>]. **hand** [YKN07]. **hand-raised** [YKN07]. **Hanging** [HBCG14]. **Hanna** [ACG<sup>+17</sup>, DGT17b, LGHD20, LMM<sup>+17</sup>, MD17, WFW<sup>+17</sup>]. **happened** [AGL<sup>+19</sup>]. **haptophyte** [FGF<sup>+14</sup>]. **Harbor** [KSDE16, MS09]. **harbors** [BMB<sup>+18</sup>]. **Harbour** [BvGH<sup>+17</sup>, TFR<sup>+10</sup>, VHC<sup>+17</sup>, LPZ<sup>+04</sup>]. **Hard** [RVD<sup>+10</sup>]. **Hard-** [RVD<sup>+10</sup>]. **harengus** [Pro09]. **Harmful** [RBYM14, BMR<sup>+14</sup>, SLT<sup>+14</sup>, Ste10]. **harmonics** [AVA23]. **harp** [FPHH<sup>+09</sup>]. **Harpacticoid** [Thi98, STFL<sup>+13</sup>]. **Harpacticoida** [AS01a, SLB18, VK04]. **harvest** [JR04, RH14]. **harvests** [FBB<sup>+13</sup>]. **hatchery** [WWB04]. **hatching** [CMNO23]. **Hattera** [SSV02]. **Hatteras** [AAG02, ASBM02, BH94, CLT94, CDL94, DCR94, GAC<sup>+02</sup>, LRV<sup>+02</sup>, MBB<sup>+02</sup>, MP94, RLVF02, TBA<sup>+02</sup>, BD94, Hec94, RH94, Wal94b]. **haulout** [VHC<sup>+17</sup>]. **having** [IUdV<sup>+12</sup>]. **Hawai'i** [DNK<sup>+08</sup>, KND<sup>+08</sup>, NKD<sup>+08</sup>, TD16, BL96, CFJL96, CCW<sup>+08</sup>, Chi96, CW15, CBT01, ESW<sup>+16</sup>, EFR<sup>+16</sup>, KL96a, KL96b, LSM96, Mah16, MBNRB08, Mit96, MTDK98, RAL<sup>+01</sup>, SKM01]. **Hawaiian** [DVS<sup>+14</sup>, CRJB08, KM96, Mah16, MBK08, NSMBN08, RBN<sup>+08</sup>, VMM<sup>+08</sup>]. **head** [OACA19, PGM<sup>+15</sup>, RGS<sup>+15</sup>, SW08, SR08b, WC07a]. **HeardMap** [FG07]. **hearing** [EF98]. **Heat** [Cra05, KDU<sup>+10</sup>, MMXS02, RJP18, SJM02, BOHW22, BCBF03, CL15, DAA<sup>+20</sup>, DZ08, DRS10, FHR<sup>+11</sup>, FWR<sup>+02</sup>, HWP<sup>+11</sup>, HFP94, KAW<sup>+16</sup>, KIS02, LBM98, MS12, MSB96, RS02, RBXM15, RFHL99, SE96, SWC<sup>+02</sup>, SMB02, SWLL23, SBS<sup>+02</sup>, VGF02, WDD<sup>+22</sup>, WZW<sup>+22</sup>]. **Heat-shock** [RJP18]. **heating** [PLRV22, WTSP07]. **heatwave** [MCH22]. **heatwaves** [HSSH23, QQJ<sup>+21</sup>, YWW23]. **heavens** [GBI10]. **Heavy** [Kos01, OPV11, KFW01]. **Hebrides** [LMLJ18]. **Height** [DKdS<sup>+03</sup>, LBB11, WP17]. **heights** [Mit96]. **Heinrich** [CMAO<sup>+12</sup>]. **helgolandicus** [UFAK06]. **helicina** [BTFB12, BJF16, PTM<sup>+16</sup>]. **helium** [JLL<sup>+15</sup>]. **hemisphere** [LBM09, BCH<sup>+19</sup>, YK16]. **hemoglobin** [DZL<sup>+17</sup>]. **her** [CPM<sup>+18</sup>]. **Herald** [PPT<sup>+10</sup>]. **herbivore** [Ant10]. **herbivorous** [BEJS93]. **herbivory** [CDL<sup>+00</sup>, EBS99, OS02, RPAD99, TRWB99, YJL16]. **Hercules** [WPB<sup>+16</sup>]. **hermaphroditism** [TMBTS09]. **Herring** [SNMH18, ASF<sup>+16</sup>, BE18, GKR<sup>+18</sup>, GBP21, HSBT19, LB18, LSHB09, MKS<sup>+20</sup>, MHSV18, Pro09, SMB<sup>+18</sup>, SPP22, TKF07]. **Hessler** [KBK<sup>+18</sup>, PWCL98, SLM98]. **heterobranch** [CC13]. **Heterobranchia** [CC13, CKFC18, CSE<sup>+22</sup>]. **Heterocapsa** [SAKP<sup>+22</sup>]. **Heterogeneity**

[SDB<sup>+18</sup>, BG94, DVS<sup>+14</sup>, MHA<sup>+15</sup>, MARFP08, PPA10, PE17, SL94, VGSV09]. **Heteronemertea** [CAK15]. **heteronemertean** [CP22]. **Heteropoda** [JBOH10]. **heterothally** [FRBB10]. **Heterotrophic** [DSC<sup>+01</sup>, HRM<sup>+06</sup>, KKK<sup>+17</sup>, SSF97, ZSB01, CKJ<sup>+16</sup>, DMC<sup>+01</sup>, HKY<sup>+16</sup>, JWC09, KSH<sup>+09</sup>, KRB95, KHC<sup>+09</sup>, KMO<sup>+10</sup>, KSS00a, LLS<sup>+19</sup>, PLT<sup>+13</sup>, PDT<sup>+10</sup>, PDT<sup>+11b</sup>, PAVGBG02, SBSH99, SIS<sup>+02</sup>, SIFS10, TR02, VSS<sup>+93</sup>, VBC<sup>+95</sup>, ZXLL10, ZDA<sup>+16</sup>, ŽSN<sup>+18</sup>]. **heterotypic** [BKS<sup>+10</sup>]. **hexachlorocyclohexane** [JKB04]. **hexactinellid** [HCBL<sup>+17</sup>, TGU<sup>+06</sup>]. **Hexactinellida** [GJ11, JTT04, KGB<sup>+14</sup>]. **hexafluoride** [LWLS98]. **hexosamines** [GK02]. **HF** [KL06, SP09, YSWJ16, CRS<sup>+19</sup>]. **Hidden** [RHK<sup>+10</sup>, TMC<sup>+14</sup>, BIH10]. **hierarchical** [KG20]. **High** [BSM01b, BCKH07, CJM<sup>+22</sup>, DIM<sup>+12</sup>, DJCF09, DLB02, ESK<sup>+23</sup>, GDE<sup>+96</sup>, KLY<sup>+15</sup>, KN97, LB07, LDGH16, MDI<sup>+12</sup>, MTG18, MGK19, NSvH<sup>+11</sup>, NHD11, RSW<sup>+13</sup>, RGS<sup>+97</sup>, RMPI<sup>+17</sup>, SC10, SKK<sup>+16</sup>, UY04, VVM<sup>+12</sup>, VT09, WMB<sup>+13</sup>, WP00, YMMC11, AELP14, BCT21, BKY<sup>+17</sup>, Car07, CLB96, Cha03, CWdE99, DMC<sup>+17</sup>, Dri09, DSC<sup>+01</sup>, FPLB<sup>+08</sup>, GAP<sup>+06</sup>, GBP00, GLK<sup>+06a</sup>, GPC14, GKGW22, HBT<sup>+08</sup>, HZW<sup>+23</sup>, IMP<sup>+02</sup>, KIY<sup>+05</sup>, LRN<sup>+14</sup>, LGF03, LEP14, LBM09, LMG93, LHX<sup>+22</sup>, LAPL<sup>+16</sup>, MCH<sup>+13</sup>, MCSF15, MBB<sup>+02</sup>, OCP18, PCT18, PMLM<sup>+02</sup>, PHD<sup>+11</sup>, PZL<sup>+09</sup>, Qué13, RAC<sup>+20</sup>, SLdB<sup>+15</sup>, SAG<sup>+10</sup>, SBS<sup>+00</sup>, SKD<sup>+16</sup>, SLP<sup>+09</sup>, SKL<sup>+22</sup>, SFPH<sup>+08</sup>, SFB16, TRM<sup>+07</sup>, WWN<sup>+02</sup>, YLG<sup>+18</sup>, ŽSN<sup>+18</sup>, DGT17b]. **high-Antarctic** [GAP<sup>+06</sup>]. **high-Arctic** [SFPH<sup>+08</sup>]. **high-chlorophyll** [TRM<sup>+07</sup>]. **high-definition** [MCH<sup>+13</sup>]. **high-frequency** [BCT21, GPC14, HZW<sup>+23</sup>, SLP<sup>+09</sup>]. **High-latitude** [MGK19, Car07, Dri09, GKGW22, LBM09, SKL<sup>+22</sup>]. **high-nitrate** [LGF03]. **high-pressure** [LAPL<sup>+16</sup>]. **high-productivity** [IMP<sup>+02</sup>]. **High-resolution** [BSM01b, CJM<sup>+22</sup>, DJCF09, GDE<sup>+96</sup>, SC10, VT09, WMB<sup>+13</sup>, YMMC11, AELP14, BKY<sup>+17</sup>, GBP00, GLK<sup>+06a</sup>, HBT<sup>+08</sup>, KIY<sup>+05</sup>, LHX<sup>+22</sup>, MCSF15, PMLM<sup>+02</sup>, RAC<sup>+20</sup>, SBS<sup>+00</sup>]. **high-temperature** [PZL<sup>+09</sup>, SLdB<sup>+15</sup>]. **high-throughput** [LEP14]. **higher** [BLSW05, NBBBT13, OYK15, OKY<sup>+17</sup>, OJK<sup>+10</sup>, Pon07, SA15b]. **highlight** [HRT14, LVP<sup>+17</sup>]. **highlights** [WKLM15]. **Highly** [CBV<sup>+16</sup>, BS05, BS06, JSP<sup>+17</sup>, KCY<sup>+16</sup>, LLD<sup>+17</sup>, LPD<sup>+17</sup>, MAA<sup>+04</sup>, MAA<sup>+05</sup>, RMBW07, TCG<sup>+18</sup>]. **highs** [RV00]. **Hiiumaa** [SSAF02, ASS02]. **Himalayan** [NGM<sup>+05</sup>]. **Himalayas** [HKFL03]. **Himawari** [HF21]. **Hindcast** [AKZL16]. **hindcasting** [HSHM02]. **hindcasts** [HGB<sup>+13</sup>]. **Hints** [BJP<sup>+22</sup>]. **Hippoglossoides** [DKP<sup>+14</sup>]. **Hippoglossus** [Loh08]. **Hippolytidae** [NCL13]. **hippurus** [TMGLM19]. **Hirudinida** [UC13]. **historic** [Kos01]. **Historical** [ARWM13, ASBR17, BBR<sup>+96</sup>, DBC<sup>+19</sup>, EEAA<sup>+19</sup>, LBB11, WH98, Wil98, BA02, KY17, MBG18, MAH<sup>+12</sup>, RJ05, ZDO19]. **historically** [KAHS20]. **histories** [CMC11, IDSM04, Vri09]. **history** [BCG<sup>+22</sup>, BDG<sup>+04</sup>, CKS05, DM16b, DSC<sup>+19</sup>, Gag04, HiII<sup>+19</sup>, HiII<sup>+20</sup>, HPH<sup>+16</sup>, KCMT<sup>+20</sup>, Man94, MF93a, MDG13, NA09, PSS<sup>+16</sup>, RS15, SI09, SDB<sup>+19</sup>, SHC<sup>+22</sup>, Tho04].

**HNLC** [HCG<sup>+09</sup>, LST<sup>+11</sup>, LGO08, MBS<sup>+13</sup>, WCY05]. **HNLCLSi** [LSS<sup>+11</sup>, PHS<sup>+11b</sup>]. **Hole** [KOS<sup>+16</sup>, KKT16, SKS<sup>+16</sup>, TSOT16, FMWD07]. **Holes** [KOS<sup>+16</sup>]. **Holocene** [ASV18, BGH<sup>+19</sup>, GBC<sup>+05</sup>, HTD00, Led93, LXWC21, MA05, MMSS14, PDBH03, RIHGS00, SSR<sup>+14</sup>, WC07a, YKY<sup>+07</sup>]. **holothurian** [GTSC08, GRB<sup>+17</sup>, OKH<sup>+22</sup>]. **holothurians** [FBBW<sup>+10</sup>, RKM23a]. **Holothuroidea** [MP17]. **holozooplankton** [BHK<sup>+10</sup>]. **Homalorhagida** [AM15]. **homothally** [FRBB10]. **Honey** [PFPJ<sup>+09</sup>]. **honor** [Lut09, Lut15, Won15]. **Hood** [Goe02]. **hooded** [FPHH<sup>+09</sup>]. **Hoplonemertea** [CP18a, CK24]. **hoplonemertean** [CP22]. **horizon** [RH07, Joy16, LLG<sup>+16</sup>, PFDD16, QNL<sup>+16</sup>, SEM16, SAW16, ULTL16, WZL<sup>+16</sup>, YNG<sup>+16</sup>, ZA16, ZJA16]. **Horizontal** [CLC<sup>+20</sup>, GGF<sup>+08</sup>, HCBP97, MY99, MRL01, Mun14, Mun16, PBN10, WAL<sup>+11</sup>, BFDB17, DL01, FGF<sup>+14</sup>, FGH<sup>+13a</sup>, FSGV<sup>+09</sup>, GGTMG<sup>+10</sup>, KBSS93, LDX<sup>+23</sup>, MMY<sup>+20</sup>, Uml05]. **hormones** [BFSK08]. **Host** [MAR<sup>+17</sup>, BCE18, MNB02, TBSP<sup>+18</sup>]. **host-parasite** [TBSP<sup>+18</sup>]. **hosted** [Rai11]. **HOT** [KM96, KL96a, Ano06g, AZYT16, GS06a, PBFS06, ZKSS06, CBT01, Fir96]. **hotspot** [BSH<sup>+11</sup>, KMMS18, LBSB<sup>+17</sup>, LAP<sup>+17</sup>, OPDM11, PUB<sup>+06</sup>, RSR<sup>+19</sup>]. **hotspots** [HFD<sup>+23</sup>, JHS<sup>+17</sup>, POI<sup>+17</sup>, PWB<sup>+06</sup>, RB06, SBG<sup>+06</sup>, WC24, YSBH06]. **hours** [DZY<sup>+01</sup>]. **HOV** [NKB<sup>+18</sup>]. **Howard** [BDG<sup>+04</sup>]. **Howe** [ANS<sup>+11</sup>, DLHH11, Har11, KBW<sup>+11</sup>, NHD11, PWN<sup>+11</sup>, RHD<sup>+11</sup>, WACGH11, ZRC<sup>+11</sup>]. **HPLC** [ABKL96, ESK06, FHYI03, LB98a, RVZ02, WvdE00, WvdEP<sup>+10</sup>]. **HPLC-analyzed** [LB98a]. **HPLC-derived** [FHYI03]. **Huanghe** [KW03]. **Hudson** [PGM<sup>+15</sup>, RGS<sup>+15</sup>]. **human** [BMRP02, DRR<sup>+14</sup>, HON<sup>+13</sup>, KFS<sup>+17</sup>, LWL<sup>+16</sup>, SAG<sup>+10</sup>, SLD<sup>+13</sup>]. **human-occupied** [KFS<sup>+17</sup>]. **Humboldt** [Ant10, AGAB19, EPPR09, GQ09, MHG<sup>+04</sup>, ML04, OCT<sup>+19</sup>, QLU09, SRF09b]. **HUMMA** [SC16]. **Humpback** [BJK<sup>+22</sup>, MHSV18, SMB<sup>+18</sup>]. **hunters** [KR07]. **hunting** [HNB<sup>+13</sup>, RH14]. **Hurricane** [WBI<sup>+01</sup>]. **huxleyi** [ESA<sup>+09</sup>, EAS<sup>+09</sup>, HPN<sup>+12</sup>, OS02, RHL<sup>+16</sup>, TTA<sup>+16</sup>]. **Hyas** [GKBG17]. **hybrid** [Arm03, NSMBN08]. **hybrid-type** [NSMBN08]. **hybridization** [MGT16]. **HYCOM** [WJR<sup>+16</sup>, ZHM<sup>+24</sup>]. **hydro** [DJC<sup>+14</sup>]. **hydro-sedimentary** [DJC<sup>+14</sup>]. **Hydroacoustic** [FD98]. **Hydrocarbon** [AAW<sup>+16</sup>, BCN<sup>+16</sup>, BLM<sup>+10</sup>, Car10, GPMS<sup>+16</sup>, GBB<sup>+17</sup>, HRM<sup>+18</sup>, MSH10, NEO<sup>+07</sup>, ULH<sup>+21</sup>, WB09]. **hydrocarbon-degrading** [BCN<sup>+16</sup>]. **hydrocarbon-seep** [BLM<sup>+10</sup>]. **hydrocarbons** [Cri95, HTPM14, HT17, LTS<sup>+97</sup>, LLG<sup>+16</sup>, MRP<sup>+17</sup>, OJK<sup>+10</sup>, PSP<sup>+09</sup>, SSP<sup>+09</sup>, WSS<sup>+08</sup>, WZL<sup>+16</sup>]. **Hydrochemical** [YCD<sup>+06</sup>]. **Hydrodynamic** [BSSK<sup>+08</sup>, CLW<sup>+23</sup>, VALW23]. **hydrodynamics** [CBBM12, DM16a, LHM14b]. **Hydrogen** [WWcW<sup>+15</sup>, CWdE99, LLL<sup>+15</sup>, RTC06, VCO<sup>+15</sup>, YS01]. **hydrogenous**

[GNT<sup>+</sup>17]. **Hydrographer** [NKB<sup>+</sup>18]. **Hydrographic** [BLSS10, Cam18, CFKS05, CFS09, CMB12, LHKHH10, ONSSVGR04, PP95, Roy05, ADGA01, BS05, BS06, CRNP06, CM99b, GCJ<sup>+</sup>00, JPM99, KC03, KTL<sup>+</sup>00, LSHP01, MHB05, MCG<sup>+</sup>98, MGC<sup>+</sup>01, OSCS04, PWTH15, PCJ<sup>+</sup>05, SVJRSON04, SMPSG<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, 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>+12</sup>, JVL<sup>+16</sup>, KT05, KCZ<sup>+19</sup>, KMM<sup>+08</sup>, KAHS20, KHL<sup>+15</sup>, KWT<sup>+16</sup>, KSM<sup>+11</sup>, KBF<sup>+08</sup>, LLK<sup>+16</sup>, LS14a, LCvdM<sup>+16</sup>, LT16, LKJ<sup>+15</sup>, LTW<sup>+11</sup>, LFC16, LvDA14, LDW22, MW99, McP08]. **ice** [MNG<sup>+11</sup>, MGH<sup>+16</sup>, MTK<sup>+18</sup>, MSV<sup>+17</sup>, MDT<sup>+08</sup>, MGC<sup>+14</sup>, MWB95, NRS14, NCCR<sup>+12</sup>, NVBJ08, NSWY20, NYH<sup>+20</sup>, NTS<sup>+11</sup>, OACA19, ORFA<sup>+14</sup>, OCKA<sup>+11</sup>, PSA14, PCL22, PEC<sup>+04</sup>, PPF<sup>+15</sup>, RHK<sup>+10</sup>, RPB99, RPB02, RCF<sup>+08</sup>, RHPC<sup>+19</sup>, RHB<sup>+95</sup>, RQNO04, RCF<sup>+16</sup>, RFHL99, SCM<sup>+02</sup>, SBM16, SGGW11, SSWM18, SvdMC<sup>+16</sup>, SAVP12, SSMM<sup>+08</sup>, SSHM<sup>+08</sup>, SRW<sup>+10</sup>, SLA<sup>+01</sup>, SHWW22, SRB<sup>+11</sup>, SSR13, SRF95, SET<sup>+09</sup>, SZH20, ŠHW<sup>+04</sup>, SK02, SBG<sup>+03</sup>, SMS<sup>+08</sup>, SPB<sup>+14</sup>, SMSI08, SMH<sup>+11</sup>, SWH08, SHW<sup>+16</sup>, SKM<sup>+14b</sup>, SESS08, TRH<sup>+08</sup>, TOSH08, TWD<sup>+08</sup>, TLP<sup>+12</sup>, THV<sup>+99</sup>, TMT<sup>+11</sup>, THT11, TML<sup>+16</sup>, TKF16, TNBL95, UWvdE<sup>+16</sup>, VTA<sup>+11</sup>, VMI<sup>+08</sup>, WW99, WSE<sup>+16</sup>, WYOS18, WLY<sup>+22</sup>, WLA11, WPW95, WTT<sup>+20</sup>, WNRM08, WMA11, WSL<sup>+11</sup>, WvdE00, WBA03, XAY<sup>+11</sup>, ZAC<sup>+15</sup>, vdMLB<sup>+11</sup>, WLA11]. **ice-covered** [CDRA08, DC12, KSM<sup>+11</sup>, MGC<sup>+14</sup>, RHPC<sup>+19</sup>, RFHL99, SSMM<sup>+08</sup>]. **ice-edge** [BBD<sup>+03</sup>, DKGT04, MWB95, UW99]. **ice-face** [SRB<sup>+11</sup>]. **ice-free** [DI00, SCM<sup>+02</sup>]. **ice-melting** [HCL<sup>+22</sup>]. **Ice-ocean** [UW99]. **Ice-rafted** [SIA<sup>+05</sup>, CLGM05, DF16, Heb00]. **ice-shelf** [GBD<sup>+11</sup>]. **ice/ocean** [McP08]. **Iceberg** [CMK<sup>+18</sup>, Rai11, KR11, SSG<sup>+11</sup>]. **Iceberg-hosted** [Rai11]. **iceberg-relative** [KR11]. **Icebergs** [SSH<sup>+11</sup>, 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, WCB06]. **Identifying** [GBC<sup>+13</sup>, LVP13, PRDB<sup>+17</sup>, RB06]. **identity** [OGBF08]. **if** [Ano17f, Ano17g, Ano17h]. **II** [AN06, Ano95b, Ano96f, Ano96g, 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>, HiII<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, HBV19]. **IIOE-2**  
 [BHT22, HB19, HBVG20, HBVG22, 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, BRFCFP23, 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>+08</sup>, PS23, PPM02, PDC<sup>+21</sup>, SNH<sup>+23</sup>, SAG<sup>+10</sup>, SRH<sup>+11</sup>,  
 SSH09, SSR13, SRF95, SBB06, SPD<sup>+11</sup>, SSAF02, TSA<sup>+01</sup>, TGFE02,  
 WJD<sup>+00a</sup>, WJD<sup>+00b</sup>, WP17, WTSP07, WL02, YHK15, vHSM04b, vOSG<sup>+11</sup>].  
**impact-induced** [WL02]. **impacted** [PFDD16, SAW16]. **Impacts**  
 [Arr15, Arr16, FAS<sup>+03a</sup>, HSBT19, HH20, HAE<sup>+15</sup>, HK19, KSU<sup>+08</sup>, LDW22,  
 MBL<sup>+15</sup>, PSA14, SSC<sup>+23</sup>, SYK<sup>+13</sup>, TTL<sup>+16</sup>, VSC<sup>+11</sup>, ARLA03, AJP<sup>+22</sup>,  
 BT98, CTCD05, CTT09, CKB<sup>+07</sup>, DWM<sup>+15</sup>, EZB<sup>+20</sup>, ETD<sup>+11</sup>, FPB<sup>+14</sup>,  
 GDK02, KYW20, KIN<sup>+10</sup>, KHL<sup>+01</sup>, LH08, bLHsL<sup>+13</sup>, MWT<sup>+17</sup>,  
 MDTG13, OBRJ01, OGJ<sup>+19</sup>, Pas18, SM12, SZB<sup>+19</sup>, SMB03, VAT23,  
 WLM23, WPB<sup>+16</sup>, WNHF<sup>+15</sup>, WBA03]. **impedance** [JLAD95, SGGW11].  
**impensum** [WTS08]. **impinged** [BN05]. **implementation**  
 [CLF<sup>+09</sup>, CFZ<sup>+18</sup>, CJF<sup>+98</sup>, KL96a]. **implementing** [MGT<sup>+20</sup>].  
**Implication** [WR15, AN05, AN06, KN05, MRRG23, MPS<sup>+21</sup>].  
**Implications** [ATN<sup>+12</sup>, CHN<sup>+18</sup>, DZBR95, DGT<sup>+17a</sup>, DVC14, DVCG<sup>+12</sup>,  
 DSE<sup>+14</sup>, DABF<sup>+16</sup>, GGCM17, GNHS05, GMMS05, HBSL01, HHH<sup>+22</sup>,  
 KWW<sup>+12</sup>, MDH08, MCSF15, MCD<sup>+09</sup>, ML20, Mun07, MHG<sup>+17</sup>, PLD<sup>+17</sup>,  
 PP95, PWB<sup>+06</sup>, SM96a, AMN<sup>+02a</sup>, BBB94, BKP<sup>+20</sup>, BMK<sup>+13</sup>, BV04,  
 BL98, BW99a, BBT<sup>+18</sup>, BKS<sup>+10</sup>, CFL<sup>+16</sup>, DLB02, FSCC07, GKH<sup>+07</sup>,  
 GPF16, GDAMS19, GTB15, GMC97, HS96, HC15, HHMF11, HSBT19,  
 HAF<sup>+15</sup>, HFK<sup>+02</sup>, IAA96, KEPZ93, KS10, KND<sup>+08</sup>, LGP<sup>+15</sup>, MGHN01,  
 MS06a, MBK08, MHB<sup>+95</sup>, MHA<sup>+15</sup>, MCJ<sup>+99</sup>, MBM<sup>+00</sup>, MES97, MKH<sup>+05</sup>,  
 NC97, NKD<sup>+08</sup>, NSMBN08, ÖCB<sup>+04</sup>, PFP02, PWMC01, PABH07,  
 RdGM<sup>+09</sup>, RSWG04, RE98, RI05, SKS<sup>+16</sup>, SNPS01, SRF95, SFK<sup>+12</sup>,

SKM<sup>+12</sup>, TRHA01, VGF02, WWH97, ZWC<sup>+15</sup>]. **implies** [PLGCL09].  
**Importance** [CSW<sup>+17</sup>, CMG<sup>+12</sup>, DSBS20, KWF<sup>+19</sup>, RSR<sup>+00</sup>, BT15, BLOM93, BAD<sup>+14</sup>, CAFK03b, CSGC03b, DCR94, DB02, EGG<sup>+05</sup>, Gag04, Hei02, HK08, IIM02, JRJ<sup>+22</sup>, KM05a, Lin16, MHFM15, RG06a, SJST13, TRWB99, TMTR14, VGBGPA02, MTE<sup>+02</sup>]. **Important** [PRDB<sup>+17</sup>, DM16b, GKGW22, LZL<sup>+22</sup>, Loh08, MM14, SDB<sup>+19</sup>, WTA<sup>+18</sup>].  
**imposed** [LTH05]. **imprint** [BCWT00]. **improved** [BFA<sup>+08</sup>, HDGM19, KMK<sup>+20</sup>, PW15, SBL<sup>+18</sup>, XA09]. **improvements** [TAB<sup>+16</sup>]. **improving** [JEK<sup>+15</sup>]. **in-** [ONRW10]. **In-situ** [SAL95, BB03, GMR06, LFPC14, MRM<sup>+12</sup>, TPP<sup>+20</sup>, WC06b]. **inactive** [EMV09, LMKL09]. **Incidence** [YLG<sup>+18</sup>, BCN<sup>+17</sup>, BTR20]. **incident** [WPB<sup>+16</sup>]. **including** [CPM<sup>+18</sup>, CGG<sup>+19</sup>, EMG<sup>+15</sup>, GJ11, Joh19, LPA<sup>+17</sup>, MBP<sup>+20</sup>, VTD<sup>+20</sup>, Zül05]. **incorporated** [CAJE15]. **Incorporating** [LLC17, GJ11, IHPA16]. **Incorporation** [IABR<sup>+17</sup>, ME02]. **Increase** [PWF03, Ber01, CV17, JS14, LMDW06, Met09, SGB14]. **increased** [BCVCHW04, LL01]. **increases** [NW01]. **Increasing** [EGG<sup>+05</sup>, JMP<sup>+19</sup>, CFGR07, XWZ24, vHHH<sup>+11</sup>]. **incubation** [BDO00, BZS<sup>+16</sup>, Blo02, CMT93]. **incubations** [LLB<sup>+00</sup>]. **incubator** [MTK<sup>+14</sup>]. **Indented** [PFW<sup>+09</sup>]. **independent** [LTG<sup>+09</sup>, LPK<sup>+17</sup>, OLP<sup>+20</sup>, SLCLC<sup>+24</sup>]. **INDEX** [Sha01, ACK<sup>+14</sup>, 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, JFK<sup>+10</sup>, KNV<sup>+10</sup>, LBSB<sup>+17</sup>, LDBS<sup>+17</sup>, LFKF<sup>+17</sup>, MV19, Met09, MSBS01, NG10, NRSL17, 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, 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, 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>, GVD<sup>+97</sup>, GFW07]. **Indian** [HCL<sup>+22</sup>, HPWP07, HBV19, HMA20, HAD19, JBC<sup>+21</sup>, Jen03, 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>, 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>, OvdRvA<sup>+22</sup>, OB22a, OB22b, OBM<sup>+93</sup>, 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, WNA<sup>+10</sup>, XWZ24, ZW23, ZDW<sup>+20</sup>, Zon97]. **Indian** [ZGGF22]. **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, 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>+12</sup>]. **inertia** [MSJS08, SMD06]. **inertial** [CW22, KHL<sup>+15</sup>, LDX<sup>+23</sup>, PF06, ZL23]. **infauna** [Bla94, CDRA08, FB15, Hil94, KGB<sup>+14</sup>, LPS14, SCD14]. **Infaunal** [CAC<sup>+97</sup>, BH94, BN04, BMOW09, CKB<sup>+07</sup>, GMBL10, LT03]. **inference** [GWDP11, IHPA16]. **Inferences** [DKZP16, LLB<sup>+00</sup>, LPL<sup>+20</sup>]. **inferred** [CFV<sup>+18</sup>, DNH<sup>+02</sup>, EBG<sup>+11</sup>, GNT<sup>+17</sup>, LWA<sup>+04</sup>, LH08, MHC<sup>+10</sup>, NMS09, RKM23a, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, WEB93, WYPY06, YFL<sup>+23</sup>, YKO15]. **inflow** [JC03, SABP<sup>+16</sup>, YFL<sup>+23</sup>]. **inflow/outflow** [YFL<sup>+23</sup>]. **Influence** [BCG04, CBHF10, DLL<sup>+15</sup>, DKI<sup>+00</sup>, EWBW99, GRD<sup>+08</sup>, GSdS<sup>+14</sup>, Hat02b, HAGW<sup>+13</sup>, JWC09, JDL<sup>+22</sup>, JAM<sup>+14</sup>, LCW20, LT16, MK21, MHTZ19, MCH22, MARFP08, OCG<sup>+09</sup>, PBMM14, RV00, RYT01, SDL22, SRFR07, SDAH<sup>+12</sup>, TC06, ALWW04, AKBD13, BMC99, BC05, BCVCHW04, BMH<sup>+94</sup>, BHHM<sup>+12</sup>, CMB02, DBD03, DZL<sup>+17</sup>, DVPR06, ECS<sup>+17</sup>, Gau07, GdRGLS04, HCHD09, HS93, HNB<sup>+13</sup>, JRK<sup>+17</sup>, KKD06, KGHA<sup>+01</sup>, LTG<sup>+09</sup>, LWB<sup>+20</sup>, LTW<sup>+22</sup>, LPM<sup>+15</sup>, LPPK14, MBNRB08, MT15, MBS<sup>+13</sup>, MMT08, MW06, PGK14, QSA<sup>+09</sup>, RIHGS00, RNP93, SGW<sup>+15</sup>, ŠHW<sup>+04</sup>, SMH<sup>+11</sup>, SMB<sup>+18</sup>, SLLT10, Tho97, TWG00, UIS<sup>+03</sup>, VGSV09, VPA<sup>+09</sup>, VOK<sup>+24</sup>, WC06a, WH01a, WRS99, XZM<sup>+23</sup>, Ynd09, ZAC<sup>+15</sup>]. **influenced** [ATLD<sup>+20</sup>, BMD<sup>+17</sup>, CCZ<sup>+21</sup>, CJM<sup>+22</sup>, DRVVS<sup>+14</sup>, HSC<sup>+07</sup>, KTP<sup>+05b</sup>, LRL<sup>+22</sup>, MMM<sup>+00</sup>]. **Influences** [CCL<sup>+14</sup>, FC09, BGCH20, CMC11, DVS<sup>+14</sup>, DGN<sup>+17</sup>, LDBS<sup>+17</sup>, Pal04, PTWM12, RBH<sup>+20</sup>, RMK<sup>+14</sup>, SG99, SNMH18, SB22, TSWJ12, WPLN96, Wil98]. **influencing** [CBSS02, DP07, DC08, HHNK<sup>+04</sup>, LNDH<sup>+17</sup>, OT12, RGIH<sup>+06</sup>, SHB14, TDCV<sup>+06</sup>]. **inform** [BH14, CWEHT22, VALW23]. **informatics** [BC08]. **Information**

[HM14, BC08, IABR<sup>+17</sup>, MPJ<sup>+13</sup>, NHS<sup>+13</sup>, SLD<sup>+13</sup>, SCQ<sup>+09</sup>]. **informed** [SPW<sup>+22</sup>]. **infrared** [MCS07, MRD13]. **infusions** [STF09]. **ingestion** [ADS<sup>+02</sup>, ABB<sup>+01</sup>, LWB<sup>+07</sup>]. **inhabiting** [DMH19, FARLR<sup>+13</sup>, GBP21, KG20, LMG17, MZH16, NHH<sup>+13</sup>]. **inherent** [KLK<sup>+15</sup>, NRS14]. **inhibition** [RBJW16]. **Initial** [AKM<sup>+05</sup>, FR10, DKdS<sup>+03</sup>, FRC<sup>+10</sup>, FC09]. **initially** [ZA16]. **Initiation** [MH93, AMP<sup>+03</sup>, SMSA05]. **initiative** [Col16]. **injuries** [SEM16]. **Inland** [DFY<sup>+23</sup>]. **Inlet** [MCH22]. **inner** [CP02, KHS<sup>+02</sup>, RTFB09, SMR<sup>+06</sup>, SH02]. **inner-shelf** [SMR<sup>+06</sup>]. **innovations** [MPM<sup>+16</sup>]. **inordinate** [BLS09]. **inorganic** [Ano95b, BWL01, BBH05, BDW<sup>+98</sup>, DLF<sup>+09b</sup>, HCRX16, JBVW12, MBW<sup>+03</sup>, MDB98, MCJ<sup>+99</sup>, MLS<sup>+15</sup>, NSvH<sup>+11</sup>, OENB01, PPF517, RZL<sup>+10</sup>, SMY<sup>+98</sup>, SMS<sup>+07</sup>, TT01, TA01, WPG<sup>+07</sup>, WKM<sup>+07a</sup>, WPW95, WC02, WWN<sup>+02</sup>, ZHD<sup>+08</sup>]. **Input** [Aar03, BD94, SRH<sup>+11</sup>, Tho97, CRS<sup>+19</sup>, CL15, DLW<sup>+17</sup>, GCN<sup>+97</sup>, HWL06, LGF03, LCW<sup>+07</sup>, RPF01, RBP<sup>+94</sup>, UIS<sup>+03</sup>, VOK<sup>+24</sup>]. **inputs** [DDB<sup>+17</sup>, DBH<sup>+20</sup>, GMC97, HSC<sup>+07</sup>, KMT20, LLLP<sup>+03</sup>, MHFM15, PWR05, SSB<sup>+17</sup>, SZB<sup>+19</sup>, TPGCCS<sup>+02</sup>, WLM23, YBHM05, ZLJ08]. **Inshore** [DO19, CGR<sup>+00</sup>, Zim19]. **Insight** [RTI<sup>+16</sup>, XZW<sup>+19</sup>, OS02, WGW<sup>+19</sup>, YLD09]. **Insights** [AGPR95, AT10, AELP14, BRPH20, DQC14, HWS<sup>+13</sup>, KCZ<sup>+19</sup>, LBM10, LEP14, MRB<sup>+14</sup>, MMTT<sup>+20</sup>, MPF<sup>+17</sup>, NCSO13, SKD<sup>+16</sup>, SRFR07, TPW<sup>+16</sup>, TA01, TDC08, BVB14a, BAF<sup>+18</sup>, DJ15, DBBWH20, FC15, FCG18, GHM18, HNS<sup>+11</sup>, Jaz15, KWA<sup>+20</sup>, KW00, LWWF18, MTD<sup>+18</sup>, OBH<sup>+18</sup>, PTO<sup>+16</sup>, SBE<sup>+07</sup>, WWHT20, WCL<sup>+15b</sup>, WPSB11]. **insolation** [HMA20]. **inspinata** [KYI10a, KYI10b]. **instabilities** [WCL22, XWZ24]. **instability** [DJFK<sup>+22</sup>, Joh96, LHX<sup>+22</sup>, SPD<sup>+11</sup>, TTFJ13, Vri13]. **instrument** [MCS07]. **instrumentation** [BSJ13, GUSB03]. **instrumented** [CKH<sup>+08</sup>]. **insular** [OGJ<sup>+19</sup>]. **intact** [BJF16]. **intake** [AKK<sup>+17</sup>, MTE<sup>+02</sup>]. **Integral** [SWC<sup>+02</sup>]. **Integrated** [BFL<sup>+20</sup>, BFD<sup>+23</sup>, BLI<sup>+09</sup>, CML<sup>+14</sup>, DB16, GO10, MWFS17, ZDO19, CA06b, CTH<sup>+98</sup>, DLR<sup>+01</sup>, GMB13, GBS<sup>+22</sup>, HD14, LBD<sup>+22</sup>, POA<sup>+16</sup>, RDSA<sup>+21</sup>, SPW<sup>+22</sup>, SZB<sup>+19</sup>, WCRG95, WKM<sup>+07a</sup>, Zim19]. **Integrating** [BH14]. **integration** [MK19, SDK<sup>+16</sup>, SCQ<sup>+09</sup>]. **Integrative** [KBK<sup>+18</sup>, DGT17b, Pör06]. **integrity** [SC16]. **Intense** [SF08, BNFS01, Gol93, KGB06, LMA08]. **Intensity** [WZB<sup>+14</sup>, DPLB94, FMH<sup>+02</sup>, KKK<sup>+17</sup>, MDTS08, ML20, MHSV18, NAT<sup>+12</sup>]. **Inter** [CTW<sup>+15</sup>, DEJ08, FMS08, HS07, HXC<sup>+22</sup>, RLH<sup>+03</sup>, RLB03, WGST08, ARWM13, BSMV03, BLS<sup>+03</sup>, BT04, BD06, DIM<sup>+12</sup>, HPS<sup>+13</sup>, HLL<sup>+10</sup>, HHH<sup>+14</sup>, HZT<sup>+06</sup>, MDI<sup>+12</sup>, PPZ93, PLHMA06, RMBG11, SMLP04, SVKT20, SMS03]. **inter-** [ARWM13]. **Inter-annual** [CTW<sup>+15</sup>, FMS08, HXC<sup>+22</sup>, WGST08, BT04, BD06, HLL<sup>+10</sup>, HHH<sup>+14</sup>, HZT<sup>+06</sup>, PLHMA06, RMBG11, SMLP04, SMS03]. **inter-colony** [HPS<sup>+13</sup>]. **inter-comparison** [SVKT20]. **inter-comparisons** [DIM<sup>+12</sup>, MDI<sup>+12</sup>]. **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, JM15, Urb20, WMA11, FS24, Hem99, MH02, DFF02]. **interocean** [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]. **introductory** [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, HBB03, 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, FLT97]. **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, PSL07, 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+97, DP99, DVPR06, ESDM13, FAS+03a, FME+09, FCW+15, FGH+13a, FBCP01, FC09, GJC98, GGSC03, Had11, HRM+06, HBSL01, HOD+09, Har06, HTS+09, HKN+09, HCG+09, HNK+12, HWS+98b, JBS+13, JBM+08, KSH+09, KLM+11, KTF07, KNC+09, KHE+11, LBR+11, LF07, LWLS98, LL01, LCS+06, LSS+09, LSS+11, LGO08, LGF03, LSM+06b, LRH+11, LB98b, LFHM97]. **iron** [MP99, MSK+06, MJW+06, MSJ+06, MBF+98, MBS+13, MAB+01, MLS+06, ML20, MMT08, MMC11b, MW06, MC13, MQACB08, NHS+09, NKF+10, NMH+06, NTK+09, NSMBN08, NW01, ODH+07, OCL+08, OSCS00, PCDM11, PHS+11b, PSF+07, PPL+07, PD01, RLD+15, ROL+15, STN+06, STN+09, SVC+08, SD06a, STF09, STJ+08, SMH+06, SvdMC+16, SH99c, SSUB15, SLT+11, SSI+09, TYBY06, TGK+11, TAL+12, TVLB08, TRHA01, TA01, TDC08, TSN+06, TSMS09, TNS+09, UWTS09, WN01, WTCB09, WTL+06, WC06b, YLR18, YET06, YOI+09, ZZY+19, ZHB+07, ISB+11, SvdMC+16]. **iron-** [ISB+11]. **iron-enriched** [HWS+98b, MQACB08]. **Iron-enrichment** [ZOB+96, CJF+98, STN+06, STN+09]. **iron-enrichments** [HBSL01]. **iron-fertilised** [ASH+11, ACBMQ08]. **iron-fertilization** [BSL08a, FC09]. **iron-fertilized** [COV+08, JBM+08, LGO08, TDC08, TNS+09]. **Iron-induced** [LLK+09, FBCP01, HOD+09]. **Iron-limitation** [PHD+11]. **iron-limited** [CSW+17]. **Iron-mediated** [BA01]. **iron-stimulated** [NW01]. **IronEx** [CJF+98, GJC98, SLW98]. **IronEx-I** [CJF+98, GJC98, SLW98]. **irradiance** [ER05, JEK+15, TLR+00, VMI+08]. **Ischnomesidae** [BSCE15, BB04]. **Ischyroceridae** [BVL04]. **ISDSC5** [MDLvW14]. **Isididae** [STR+14]. **Island** [BS03, BAKF03, Can06, CKL03, GUSB03, HNB+13, KFG+03, KRW03, KL03, LCS16, LWSZ13, LPAR24, PDC+99, RHZ+03, SBKS03, SBG+03, SGD+03, SSAF02, ZHY+13, BNM+07, DNK+08, MSTT07, CRBK03, DGN+17, ESG+17, FPGH02, HVWH09, IAC+03, KBW+11, KIM08, LCG03, LHKHH10, LT03, MAT+12, NKA+11, NCR+08, SMLP04, SAM+13, SE95, SBK+16, THJ+05, TAL+12, WTI+20]. **island-induced** [MSTT07]. **islandica** [DKP+14]. **Islands** [BZMC20, Can06, CBSS02, DAN23, FWP+07, GFPM02, HSD04, HPM02, JRGLJ+19, LT03, MNR+11, MiSW08, PNLFS02, PNLF02, PNLFS03, PSF+07, SCC98, TM22, AMN+02a, BCE+07, BJK+22, BCG+22, BSR08, BSRM08, CRJB08, CRJ+08, CWEHT22, CHH+22, DNH+02, DVS+14, FRH+98, FSK+02, HMS+13, HKN+04, HWS+98a, HSR+22, JVDH08, KHGL+02, LTW+22, Loh08, MDJS11, MFN+02, MYL+98, MKKF18, MDTG13, NHCL14, NSMBN08, PHH+16, PNLFS02, PMLM+02, PC08, RPA07, RMD+12, SMY+98, SVJ+08, SHC+22, SBH+02, SKM+08, SKMS08, WST15, ZLOR02]. **Isles** [Pin93, ZHB+07]. **isobath** [SKSW02]. **isolated** [CHH+22, FMWD07, LH06, LDG94, RHL+16, ŽSN+18]. **isolates** [BKS+10, ER05]. **isolation** [MN10]. **Isopod** [EMG+15, BBB+07, EGMB13, KBR18, RMBW07, Wil98]. **Isopoda** [GMB18, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, MLBB14, RMBW07, Wil08, BBBM04, BSCE15, BB04, EWP+99, EGMB13, Gol15,



Gol18, GM22, KBK<sup>+18</sup>, MB18, MG22, RHW04]. **isopods** [BBT<sup>+18</sup>, GMB18, KBB07, RLB18b]. **isoprene** [MW06]. **Isopycnal** [SD22, WPD22]. **isopycnic** [EOB03]. **isotherm** [Yu03]. **isotope** [AF01, ACR<sup>+20</sup>, AKI<sup>+16</sup>, BLM<sup>+10</sup>, Car10, CHM<sup>+17</sup>, CCM<sup>+20</sup>, CHV<sup>+15</sup>, EWBW99, HiII<sup>+19</sup>, HiII<sup>+20</sup>, HFK<sup>+02</sup>, HAM<sup>+15</sup>, JSM<sup>+16</sup>, JHHK14, Kli09, KHH<sup>+17</sup>, LL13, LPL<sup>+20</sup>, MSW<sup>+13</sup>, MBB<sup>+14</sup>, MKKF18, NMH<sup>+06</sup>, NMS09, NESB<sup>+15</sup>, PHD<sup>+18</sup>, PGFP<sup>+08</sup>, PCP<sup>+17</sup>, RTC06, RKM23a, RPF<sup>+16</sup>, SAM<sup>+12</sup>, STS11, TSW<sup>+12</sup>, TNT<sup>+15</sup>, VCO<sup>+15</sup>, WKM<sup>+07a</sup>, WYPY06, WCJ97]. **isotope-size** [HAM<sup>+15</sup>]. **isotopes** [AHV<sup>+00</sup>, ATN<sup>+12</sup>, BFM<sup>+14</sup>, BSS<sup>+00</sup>, BJ15, CGM<sup>+07</sup>, CBB<sup>+00</sup>, CRM<sup>+16</sup>, CMVS<sup>+10</sup>, DRH<sup>+09</sup>, DBMI17, FdBGP11, FCW<sup>+15</sup>, GLCU<sup>+17</sup>, GNT<sup>+17</sup>, JLL<sup>+15</sup>, KM05a, LNDH<sup>+17</sup>, RSW<sup>+13</sup>, RTI<sup>+16</sup>, SRFR07, SSR96, SDLZ13, TDC08, VvdLS11, WWH<sup>+10</sup>, vBBR<sup>+08</sup>]. **Isotopic** [ACV<sup>+01</sup>, BSR<sup>+18</sup>, SBM<sup>+18</sup>, WWHT20, ACBV<sup>+18</sup>, AHV<sup>+17</sup>, CTGD08, CFV<sup>+18</sup>, CH07, ÇYAYT06, CML<sup>+09</sup>, FDC<sup>+18</sup>, GHM18, GBH<sup>+17</sup>, GIPLL<sup>+14</sup>, HKFL03, KLL03, KCZ<sup>+19</sup>, KR95, KYKJ16, LKH<sup>+07</sup>, LGP<sup>+15</sup>, LSL<sup>+15</sup>, MC18a, MWK<sup>+18</sup>, NCSO13, OTNT05, PVK<sup>+20</sup>, PBVC<sup>+16</sup>, PGK15, ROL<sup>+15</sup>, SHWW22, SHR02, Sot09, STR<sup>+14</sup>, VCRDF99, WMH<sup>+07</sup>, WCWW99, WCL<sup>+15b</sup>, ZCG<sup>+12</sup>]. **isotopomer** [WYPY06]. **isotopomeric** [CFV<sup>+18</sup>]. **ISPOL** [BG08, HSH<sup>+08</sup>, McP08]. **Israel** [BBS<sup>+20</sup>]. **Israeli** [BBAL<sup>+20</sup>]. **issue** [FS24, MI06, STM04a, STM04b, TTL<sup>+16</sup>, ZS19]. **issues** [MGT<sup>+20</sup>]. **Italy** [ESL<sup>+10</sup>]. **ITF** [SWK<sup>+23</sup>]. **IV** [NVBJ08, VNA<sup>+16</sup>].

**J** [Ano97b, Ano97c]. **J.** [Lut09, SPS<sup>+09</sup>]. **JADE** [SWCB02, WSFB02]. **Jakarta** [DHCV19]. **Jan** [NA09]. **January** [ZHB<sup>+07</sup>, Ano98h, Ano99g, Ano00g, Ano22p, BPRS11, CTBNL08, CHU<sup>+00</sup>, DDK<sup>+00</sup>, GR10, HWN<sup>+04</sup>, JKK<sup>+10</sup>, NPBS00, SKW<sup>+04</sup>, SGW<sup>+00</sup>, SKH10b, WGB<sup>+04</sup>, WRBS10, WvdE00, YTF02]. **January-February** [GR10]. **January/February** [HWN<sup>+04</sup>, SKW<sup>+04</sup>]. **Japan** [ADGA06, MB13, Sco05, SSK<sup>+05</sup>, SSK<sup>+07</sup>, SHM<sup>+07</sup>, TMP<sup>+13</sup>, YK04, YKSI19, Ala13, ADGA05, BPBJ13, BEB<sup>+13</sup>, CC13, Che13, CHT<sup>+13</sup>, DFY<sup>+23</sup>, DBL<sup>+05</sup>, EGMB13, FM13, FB05, GBPB<sup>+13</sup>, Gri13, HFKY05, HH05, IPTH03, JCP17, JKP<sup>+17</sup>, JSP<sup>+17</sup>, Kam13, KM05b, KJL<sup>+17</sup>, KLTS13, KBKW13, KFJ<sup>+05</sup>, KOT<sup>+20</sup>, KHL<sup>+17</sup>, KHH<sup>+17</sup>, LN05, LJL<sup>+17</sup>, LVP13, MA13, MGE13, Mar13, MW05a, MW05b, MBS05, NMS09, PW05, PK13, PKHH17, PRJW05, RJ05, SS13a, SSY<sup>+05</sup>, SNIT02, Ste13, UC13, VKM13, WP17, YAOW05, YCYK10, ZSKL19]. **Japan/East** [ADGA06, YKSI19, ADGA05, DBL<sup>+05</sup>, FB05, HH05, KM05b, KFJ<sup>+05</sup>, LN05, PW05, PK13, PRJW05, RJ05, SSY<sup>+05</sup>, YAOW05]. **Japanese** [Har06, HK19, Ike03, KUT<sup>+20</sup>, KT06, KKUK10, LTL<sup>+23</sup>, MWT<sup>+17</sup>, WWH<sup>+10</sup>, YK05, YFY<sup>+10</sup>]. **japonica** [HK19, KT06, Mar13]. **japonicus** [HiII<sup>+19</sup>, HiII<sup>+20</sup>, LTL<sup>+23</sup>, WWH<sup>+10</sup>]. **JASON** [RSH10]. **Java** [SWK<sup>+23</sup>, SRAs<sup>+24</sup>]. **Jaw** [LWB<sup>+07</sup>]. **Jellies** [RHK<sup>+10</sup>]. **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, JPSP93, 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, Ano24i, 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, SMBL19, 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, Jaz15, 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]. **Katsuwonos** [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].  
**kerguelensis** [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>+22</sup>, SPP22, WTA<sup>+18</sup>). **keystone** [Ant10]. **kHz** [HB03, MOT98]. **Kick'em** [MS18]. **Kiel** [MPL15]. **killer** [MT98, OMAA18]. **Kimki** [CPW<sup>+18</sup>, MC18a]. **Kinematic** [BSZ99, MB03, PCJ<sup>+05</sup>]. **kinematics** [HMAW11]. **kinetic** [HXF<sup>+23</sup>, ME02, MSBS01]. **kinetics** [BCL14, CB01, HMB<sup>+96</sup>, JLB<sup>+99</sup>, MHB<sup>+95</sup>, Rai11, SYS05, VQ97b]. **King** [NKA<sup>+11</sup>, BHB<sup>+07</sup>]. **Kingdom** [DHS<sup>+14</sup>]. **kinorhynch** [AM15]. **Kinorhyncha** [AM15, AM18, AM22a, AM22b]. **Kinorhynchs** [AM22b, AM18]. **Kirkpatrick** [LPA24]. **kisutch** [TBH09]. **kitazatoi** [SRAL<sup>+17</sup>]. **kittiwake** [VM13]. **kittiwakes** [RDBP14]. **Kliopsyllus** [VK04]. **km** [DKZP16, OvdRvA<sup>+22</sup>, QNL<sup>+16</sup>]. **Knoll** [WCK<sup>+18</sup>]. **KNOT** [FNYK02, INTS02, KNI<sup>+05</sup>, LIS<sup>+02</sup>, TNIW02]. **knowledge** [BRPI02, DCA<sup>+98</sup>, HBB<sup>+13</sup>, KR07, RHD<sup>+18</sup>, SFH<sup>+18</sup>, VGZ<sup>+19</sup>, VCG<sup>+20</sup>, YHC<sup>+15</sup>]. **known** [CC13, CBMM15, FM13, MFS<sup>+23</sup>]. **Kodiak** [LCS16]. **KOKO** [VOK<sup>+24</sup>]. **komokiaceans** [GCKC07]. **Korea** [JKN<sup>+05</sup>, PKHH17, THJ<sup>+05</sup>]. **Korea/Tsushima** [THJ<sup>+05</sup>]. **Korean** [CKY23a, CKY23b, LGK15, SJL05]. **Koryak** [DGK<sup>+22</sup>, RKM<sup>+22</sup>]. **Kostarrenkala** [FS14]. **Krill** [KP10, KNV<sup>+10</sup>, NCR<sup>+08</sup>, SKW<sup>+04</sup>, SB22, VKM<sup>+10</sup>, ADG<sup>+08</sup>, ASF<sup>+12</sup>, BLBW<sup>+11</sup>, BKCV10, CHPF10, CWD<sup>+10</sup>, DEJ08, DYEJ08, Dem04, FLLGR04, FWC<sup>+12</sup>, FJF<sup>+11</sup>, GSK96, HWN<sup>+04</sup>, HKN<sup>+04</sup>, HH03, HWCT08, IDSM04, JKK<sup>+10</sup>, JR04, JHHK14, JH04, KGE<sup>+04</sup>, KKM<sup>+10</sup>, LLK<sup>+16</sup>, LRR<sup>+04</sup>, MDH08, MOT98, MTWH04, NKK<sup>+00</sup>, OVKN11, OM98, PFP02, PAM<sup>+04</sup>, Pak04, PNH<sup>+00</sup>, RJB<sup>+04</sup>, RCF<sup>+08</sup>, RQNO04, SAVP12, VF08, WLR<sup>+00</sup>]. **krill-dominated** [LRR<sup>+04</sup>]. **Kruppomenia** [OBH<sup>+18</sup>]. **Ku** [SL11]. **Ku-band** [SL11]. **Kudinova** [BPKJ15]. **Kudinova-Pasternak** [BPKJ15]. **kuhlii** [CSM13b]. **Kullenberg** [EG96]. **KuramBio** [BM15, MB15, SBBP<sup>+15</sup>]. **Kuril** [CKFC18, Ala15, ASV18, BPPJ15, BCNS15, BSCE15, BEM<sup>+15</sup>, BAF<sup>+18</sup>, CAK15, CBMM15, EMG<sup>+15</sup>, FMZ15, FB15, FEB<sup>+15</sup>, 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>+16</sup>, OCT<sup>+19</sup>, CK10, CBF<sup>+13</sup>, DJFK<sup>+22</sup>, HiII<sup>+19</sup>, HiII<sup>+20</sup>, HYK<sup>+02</sup>, NI10, PUB<sup>+06</sup>, QC10]. **Kuwait** [SAKP<sup>+22</sup>]. **kyr** [BLI<sup>+09</sup>, DNG<sup>+12</sup>, GHM<sup>+12</sup>, RBB<sup>+97</sup>]. **kyrs** [ITM<sup>+12</sup>, KSH12, SIA<sup>+05</sup>].

**L** [Ano97c, BDG<sup>+04</sup>]. **L.** [GW98]. **L4** [DIM<sup>+12</sup>]. **L4-SQUAM** [DIM<sup>+12</sup>]. **labile** [PDTS08]. **Labioleanira** [Ala18]. **Laboratory** [ASM06, DGR02, HJS<sup>+10</sup>, BCH<sup>+19</sup>, CSS<sup>+22b</sup>, MML07, TCM<sup>+22</sup>, TPP<sup>+20</sup>]. **Labrador** [BLG11, FS05, SRFR07, Spa99, SGL99, WTSP07]. **Lacepède** [PK08]. **lactating** [NBCT13, RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>]. **lag** [Sch07]. **Lagrangian** [ASN<sup>+02</sup>, BLG11, BSL11, CRMI18, DKC<sup>+17</sup>, DMW<sup>+07</sup>, FSK<sup>+05</sup>, GMPS04, HZ19, JWS01, KTB<sup>+05</sup>, KRAS24, LML<sup>+01</sup>, LAW<sup>+05</sup>, LOA13, MDSA19, NRBO<sup>+05</sup>, PHDK11, PAUB19, PZK<sup>+05</sup>, RLVF02, RP05, SHM<sup>+11</sup>, ST13,

SABP<sup>+16</sup>, SS13b, TS03, VALW23, WB01, Web19, YLU<sup>+14</sup>, YSWJ16]. **Lake** [LPZ<sup>+04</sup>]. **Lamarck** [GIPLL<sup>+14</sup>]. **laminar** [JS14]. **laminated** [GPK02]. **lance** [BDL<sup>+22</sup>, SLLT10]. **Land** [CHU<sup>+00</sup>, DBDT03, EWA<sup>+03a</sup>, WLR<sup>+00</sup>, CHN<sup>+18</sup>, RdGM<sup>+09</sup>, WAK<sup>+12</sup>, BH03, BCA<sup>+03</sup>, DBD03, EWA<sup>+03b</sup>, HBBD03, LCVV06, PS03]. **land-remote** [WAK<sup>+12</sup>]. **lander** [CLJ<sup>+13</sup>, LDBvdB17, LLM<sup>+17</sup>]. **landings** [JRGLJ<sup>+19</sup>]. **landmark** [KT06]. **landscape** [GGP<sup>+14</sup>]. **Lanka** [CS19, LPJ<sup>+19</sup>]. **lantern** [CAJE15]. **Lanternshark** [SLC<sup>+15</sup>]. **Laotieshan** [XZM<sup>+23</sup>]. **Lappanella** [GPCC<sup>+17</sup>]. **lapse** [EFR<sup>+16</sup>]. **Large** [Ake19, BH19a, BCH<sup>+19</sup>, Bro19, CJ19, EHL02, EHB19, HCWW01, HB05, KKSA19, LP19, PH19, PRDF08, PVRA07, SPDW19, SID19, Sum19, YKSI19, ZQW19, dSG09a, vCO09, BKY<sup>+17</sup>, BT98, BMSBM<sup>+17</sup>, DURP03, DHCV19, FMZ15, GDL22, GdRGLS04, GPCC<sup>+17</sup>, GKB19, GBBS00, Hol06, IPH<sup>+17</sup>, KNV<sup>+10</sup>, KVS<sup>+09</sup>, LTL<sup>+23</sup>, LPA<sup>+95</sup>, LL13, LTS<sup>+13</sup>, MKKB14, MML07, MALT05, MRC05, NMR10, OBA02, PFW<sup>+09</sup>, PDA<sup>+17</sup>, PLA<sup>+17</sup>, PE17, PHS03, PBMM14, RHPR15, SSSLP95, SKW<sup>+04</sup>, Spa99, SNFK20, SGM<sup>+02</sup>, SL11, SB05, TSA<sup>+01</sup>, TLK<sup>+02</sup>, VTA<sup>+11</sup>, WR09, WDKC00, WYT19, YOK<sup>+10</sup>, YOO<sup>+10</sup>, ZSKL19, vHSM04b, WDFK<sup>+22</sup>]. **Large-eddy** [HB05]. **large-particle** [SGM<sup>+02</sup>]. **Large-scale** [BH19a, BCH<sup>+19</sup>, CJ19, EHL02, HCWW01, PRDF08, PVRA07, BT98, GdRGLS04, Hol06, KNV<sup>+10</sup>, KVS<sup>+09</sup>, MALT05, OBA02, PE17, PHS03, SSSLP95, SKW<sup>+04</sup>, Spa99, TSA<sup>+01</sup>, VTA<sup>+11</sup>]. **large-sized** [TLK<sup>+02</sup>]. **large-volume** [BKY<sup>+17</sup>]. **larger** [Gag04, PM10]. **Larsen** [HDR<sup>+11</sup>]. **larvacean** [BDW<sup>+96</sup>]. **Larvaceans** [LW10]. **larvae** [AMJRD19, BOB20, BSN<sup>+15</sup>, BD06, GGAMV<sup>+23</sup>, GLCU<sup>+17</sup>, HCWH00, JBJ17, KM98, KHT<sup>+20</sup>, LCR<sup>+96</sup>, LM01, LBB<sup>+06</sup>, MWF<sup>+19</sup>, MMM<sup>+13</sup>, Mun14, Mun16, RNP93, SVJRSON04, SVAGRCS04, SDAH<sup>+12</sup>, SM03, TLW<sup>+94</sup>, WBCB06]. **Larval** [CRNP06, GDAMS19, LCD<sup>+24</sup>, SRS11, ADG<sup>+08</sup>, BHS<sup>+19</sup>, Dal04, DFY<sup>+23</sup>, EWG94, HK19, IAA96, IABR<sup>+17</sup>, JGM09, KOT<sup>+20</sup>, KVS<sup>+09</sup>, LWB<sup>+20</sup>, LH15, LBM<sup>+20</sup>, LM96, LLW01, MDH16, NHBM10, PAM<sup>+04</sup>, RQNO04, RG06a, RG06b, SCD<sup>+22</sup>, STS11, TP96, TLW<sup>+94</sup>, VALW23, VMF<sup>+16</sup>, VSFF09, WPLN96, WBML06]. **last** [BIP<sup>+02</sup>, BLI<sup>+09</sup>, DW15a, DNG<sup>+12</sup>, DFA<sup>+20</sup>, FMH<sup>+02</sup>, GBC<sup>+05</sup>, GHM<sup>+12</sup>, HdVGHM02, HSS<sup>+12</sup>, IOTS16, ITM<sup>+12</sup>, ITK<sup>+16</sup>, KSH12, MRB<sup>+14</sup>, PWF03, PCY<sup>+13</sup>, RRL<sup>+14</sup>, RLPF07, ACFS02, CMVS<sup>+10</sup>, LXWC21, LAT<sup>+18</sup>]. **Late** [ACBMQ08, BW99a, CSS<sup>+02</sup>, EGL<sup>+16</sup>, MT15, OTK<sup>+05</sup>, SMB<sup>+17</sup>, SLB<sup>+15</sup>, TT05, WMP<sup>+11</sup>, WCJ97, YKY<sup>+07</sup>, CRM<sup>+16</sup>, DSB<sup>+18</sup>, DW15a, DEL<sup>+17</sup>, Die07, FWP<sup>+07</sup>, FPB04, GTTKB14, GSdS<sup>+14</sup>, HKY<sup>+16</sup>, IKR<sup>+12</sup>, KT05, KMM<sup>+08</sup>, MWS<sup>+15</sup>, MPC99, MDT<sup>+08</sup>, OVKN11, OTA<sup>+05</sup>, OACA19, OSCS00, PF02, RVJG<sup>+02</sup>, RVJG<sup>+05</sup>, RQNO04, SMS01, SLA<sup>+01</sup>, SLP<sup>+17</sup>, SKF<sup>+10</sup>, TMT<sup>+11</sup>, THT11, TML<sup>+16</sup>, WSL07, YK16, YCA<sup>+20</sup>, ZSLL15, dBC<sup>+09</sup>, ASS02, Ber24, Cha07, KKT16, Led93, MAK<sup>+16</sup>, PDBH03, SSR<sup>+14</sup>]. **late-summer** [OACA19]. **later** [IPLCHRM19]. **lateral** [AML<sup>+19</sup>, BMT20, CMG<sup>+12</sup>, FBS94, MS06b, RBP<sup>+94</sup>, SFG98, WFA<sup>+95</sup>].

**Latitude** [MTG18, Car07, CWdE99, Dri09, GKGW22, LBM09, MGK19, MLVM02, PSK+00b, PTS17, SKL+22, SHD+96, WAN+15, WCJ97].  
**latitudes** [LMG93, NGS+20, WWN+02]. **Latitudinal** [ADE22, CG21, CSF+12, FUGG+09, FG97, JLJ+12, OB22a, RDLZ02, SHI06, SBD+97, SBN+15, SL12, THZ06, TRB98, WZW+95, ZDWR95, ATI+23, CAH+09, JNBJ17, KVS+09, LBE06, OvdRvA+22, PHS17a, SBB+11]. **lato** [HNS+11]. **lattice** [LKTS01]. **Laubier** [DCA+98]. **launch** [OSG+13]. **lavas** [RSP+98]. **Lavrentyev** [CP22, Ste13]. **Lawrence** [HNB+13, RSR+00, TLKT00, WTI+20, DSO+00, DKI+00, DI00, GLCP12, MCS+09, PCB+00, RSRL00, SVR+00, VSR+00, ZX12]. **laws** [NYNK05].  
**Layer** [PLRV22, AML+19, Ano05e, BGS98, BS98, BB98, BJF16, BSP00, BU05, CBCT09, CMT93, CBW01, DS24, DP02, DDL06, DJCF09, DKI+00, DI00, EWG94, FM99, FGF+14, FvFC+11, FCAD04, FGH+13a, FC09, GCRW95, GGRW99, GGT+02, GK04, HS96, HTM+03, JDL+22, JCPC09, KFJ+05, KN05, LKD+15, LML+01, LMA08, LHX+22, LZZ+16, LYL22, MRRG23, MMS+16, MSM+02, MS12, MKS+02, NYNK05, NS93, NC97, OM14, OE06, OHFW93, PTM+16, PBGCD+13, PF06, PKZ93, RH07, RFHL99, Sco05, SS09, SGJ+20, SNB02, SHM+20, SWLW11, SBB+05, TWC+07, TNIW02, VMI+08, VTD+20, WNRM08, YLU+14, Zül05, Sor99].  
**layer/planktonic** [DP02]. **layered** [CSL+22]. **layerobservations** [SS99a].  
**layers** [BFT+97, BSRB17, CMV+20, DNG+12, FVSR14, FKW01, JLM20, JRKR19, KWF+19, KMM+08, LN01, OSM+20, OGBF08, PHK+14, SNS10, SYT+10, SBHS20, TMC+14, VPA+09]. **Lazarev** [FvFC+11, HPS+11, PDH+11]. **lazy** [MNR+11]. **leaching** [KFW01]. **Lead** [AHV+00, ACV+01, ACG+01, NDT+01, VCRDF99]. **leader** [YFY+10].  
**leading** [RHPR15]. **leads** [SF08, ZHD+08]. **leaf** [JS14]. **Leakage** [WW23].  
**leaky** [MTK+14]. **Learmonth** [NDE14]. **learned** [ALHP18, GBS+22, LTF+19, VABCR+24]. **learning** [BFH+23, CKY23a, CKY23b, HCJ+22]. **learnt** [SBL+18]. **lease** [FR10, MP94]. **leatherback** [WNHF+15]. **leaving** [BY04]. **Lebbeus** [NCL13]. **Lebensspuren** [BJA13]. **LEDS** [ZS19]. **lee** [CRJB08, CCW+08, KND+08, MBNRB08, MBK08, NKD+08, RBN+08, VMM+08, WZZ+23, OM14]. **leeches** [UC13]. **Leeuwin** [BKM07, CMC11, DMW+07, FM03a, FMFW07, Gau07, HWTP07, HWP+07, MFPL19, MPI07, MFFM03, MBO07, RPM07, WTP+07, WPG+07]. **Leg** [KOS+16, NGM+05, GPK02]. **legacy** [SPS+09]. **legend** [Ano17f, Ano17g, Ano17h]. **legendary** [BM15]. **legged** [VM13]. **Leiopathes** [EWF+18]. **Lemnos** [TKP+20]. **lemuru** [SNH+23, SWK+23]. **length** [MN10]. **lentiginosa** [NGM+20]. **leonina** [GBC+13, MdSLH13].  
**Lepidepcreella** [BVL04]. **lepidepcreellid** [BVL04]. **Lepidisis** [STR+14].  
**Leptostraca** [HRS+23]. **lesion** [DAN23]. **Leslie** [CAJE15]. **less** [NB10].  
**Lessons** [CMP14, LTF+19, LZM+13, VABCR+24, GBS+22, Reb03, SBL+18].  
**lethality** [BKS+10]. **Leuca** [Di 10, MDC+10, SC10, BFT10, CMVS+10, DCC+17, ESL+10, RVD+10].

**leucas** [EF98]. **Levantine** [OGG<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, HiII<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, SDA13, 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** [DWB13, 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>+</sup>13, YKO15, ADRS19, AMTE09, BC08, BGS98, BG08, CFK15, CMW<sup>+</sup>05, DHM<sup>+</sup>22, DVCG<sup>+</sup>12, DEK<sup>+</sup>08, GLCP12, GG02, HZK04, HNCW23, LMF<sup>+</sup>21, MSA<sup>+</sup>14, PCT18, PLGCL09, SS09, SSP<sup>+</sup>09, SBG<sup>+</sup>03, SWLL23, SGL99, SD96, WSLP10, Ynd09]. **long-lived** [CMW<sup>+</sup>05]. **long-range** [CFK15]. **long-range-transported** [SSP<sup>+</sup>09]. **Long-term** [ASS02, AKK<sup>+</sup>14, BBR<sup>+</sup>10, BMOW09, BL03, Bre93, Duc08, JPM99, KBL01, LSdC<sup>+</sup>10, LDBvdB17, LO03, LBD<sup>+</sup>22, NLS<sup>+</sup>10, Reb03, RPF01, RVGF02, RSS01, SRS<sup>+</sup>15, SM03, SBC<sup>+</sup>16, WP17, YPY<sup>+</sup>13, YKO15, ADRS19, AMTE09, BC08, BG08, DVCG<sup>+</sup>12, DEK<sup>+</sup>08, HZK04, HNCW23, LMF<sup>+</sup>21, PCT18, SS09, WSLP10]. **longicauda** [GRB<sup>+</sup>17]. **longipes** [HPL<sup>+</sup>12]. **longitudinal** [OvdRvA<sup>+</sup>22, SLB18]. **longline** [DWM<sup>+</sup>15, HHMF11, LFKF<sup>+</sup>17, MWT<sup>+</sup>17, JMP<sup>+</sup>19, TMGLM19]. **longlines** [FCBD08]. **Longwaves** [FDM<sup>+</sup>97]. **look** [AS02a, GSP14, SCB<sup>+</sup>01]. **looking** [HVBO08]. **Lookout** [Bla94]. **loop** [KRB95, WLH<sup>+</sup>16, YFL<sup>+</sup>23, CH24]. **Looping** [CMRI13, SRBR05]. **Lophelia** [AHVB<sup>+</sup>17, BRB<sup>+</sup>13, BR14, BMSBM<sup>+</sup>17, HWK<sup>+</sup>14, JBJ17, LPPCF10, NOFP14]. **Lophius** [LAÁ<sup>+</sup>14]. **Lophogastridea** [LDBS<sup>+</sup>17]. **LoppHAVet** [SSR<sup>+</sup>14]. **Lord** [DLHH11, ANS<sup>+</sup>11, Har11, KBW<sup>+</sup>11, NHD11, PWN<sup>+</sup>11, RHD<sup>+</sup>11, WACGH11, ZRC<sup>+</sup>11]. **losers** [LWJR22]. **loss** [CSS<sup>+</sup>22b, LWJR22, PHD<sup>+</sup>18, RRWR08, RFHL99, WTT<sup>+</sup>20]. **losses** [KSS00a, KLD21, LZZ<sup>+</sup>16]. **lost** [BSCR11]. **Lotus** [JS14]. **Lotus-leaf** [JS14]. **Lough** [Ano97b, OM14]. **Louisiana** [WCSA<sup>+</sup>16]. **Low** [BCN<sup>+</sup>17, Blo02, KCY<sup>+</sup>16, LDV<sup>+</sup>02, PKZ93, SPF<sup>+</sup>94, VAMPR<sup>+</sup>17, BBL<sup>+</sup>13, BMB<sup>+</sup>18, CMJ<sup>+</sup>18, GEP<sup>+</sup>16, GMD07, LB07, LG00, LLL<sup>+</sup>15, 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** [KKBG17]. **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>+23</sup>, HiII<sup>+19</sup>, HiII<sup>+20</sup>, LTL<sup>+23</sup>, OUJ<sup>+19</sup>, WYL<sup>+20</sup>]. **mackerels** [LH15]. **Macoma** [GGC19]. **Macondo** [CDM<sup>+16</sup>, JBÖ<sup>+16</sup>, LAPL<sup>+16</sup>]. **Macro** [BBAL<sup>+20</sup>, LBB<sup>+07</sup>, BS98, BHS<sup>+19</sup>, BFA<sup>+08</sup>, DYEJ08, Gut06, MLH<sup>+22</sup>, PDK<sup>+14</sup>]. **Macro-** [BBAL<sup>+20</sup>, LBB<sup>+07</sup>, BS98, BFA<sup>+08</sup>]. **macro-and** [MLH<sup>+22</sup>]. **macro-invertebrates** [PDK<sup>+14</sup>]. **macro-tidal** [BHS<sup>+19</sup>]. **macro-zoobenthic** [Gut06]. **macro-zooplankton** [DYEJ08]. **macroalgae** [GGP<sup>+14</sup>]. **Macrobenthic** [GPC<sup>+04</sup>, LGML00, BF14, BMGC09, LG00, LPS14, SLS<sup>+09</sup>]. **Macrobenthos** [LMKL09, DGK10, DSO<sup>+00</sup>, FMZ15, IARR01]. **macrocephala** [MMN10]. **macrocephalus** [BZS<sup>+16</sup>, CCC<sup>+23</sup>, FHAH16, HSC<sup>+19</sup>, MMS<sup>+19</sup>, MDH16, MZH16, NHCL14, SH16, SHPM14]. **macrochir** [KPBK08]. **macrodescriptor** [MA09]. **macroecological** [BVB14a]. **Macrofauna** [FvFC<sup>+11</sup>, Bor01, BEM<sup>+15</sup>, BFB<sup>+18</sup>, CMP14, Gag04, GLdS<sup>+09</sup>, LG98, LMG17, MBI<sup>+10</sup>, RKM<sup>+23b</sup>, WCSA<sup>+16</sup>, Wit00]. **Macrofaunal** [BRBD17, BSL08b, GSM<sup>+08</sup>, HLL<sup>+09</sup>, SMB<sup>+98</sup>, VD98, BRP<sup>+13</sup>, BT98, BAF<sup>+18</sup>, CDM23, CPA<sup>+11</sup>, DVS<sup>+14</sup>, GMR<sup>+09</sup>, LS18, MTB09, ODP<sup>+17</sup>, Sor99, WHF<sup>+19</sup>]. **Macrofouling** [BSJ13]. **macroinvertebrate** [XSM<sup>+19</sup>]. **Macromolecular** [KLJ<sup>+16</sup>, YLK<sup>+15</sup>]. **Macronutrient** [FBCP01, HTA<sup>+17</sup>, PWH05]. **macronutrients** [CMW<sup>+08</sup>, DEL<sup>+17</sup>, Zon07]. **macroplankton** [KOO<sup>+24</sup>]. **Macrostylidae** [RLB18b]. **Macrostylis** [KBR18]. **macrotidal** [PRP15]. **macrourid** [FARLR<sup>+13</sup>]. **macrouroids** [PK08]. **Macrouirus** [PK08]. **Macrozooplankton** [HSK<sup>+00</sup>, DC12, FPGH02, HPS<sup>+11</sup>, KFG<sup>+03</sup>, KRS<sup>+11</sup>, LRR<sup>+04</sup>, MAH<sup>+12</sup>, PDT11a, SHY<sup>+08</sup>]. **macrura** [WMW<sup>+20</sup>]. **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, CTC05, 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, GPC18, HIN<sup>+</sup>02, JC03, LOA15, RT20, SHWW22, YHK15]. **Makapu'u** [LB14]. **Makarov** [SJA<sup>+</sup>97]. **Makassar** [WGFS03]. **Malacostraca** [GBP<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]. **Manghut** [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>+09</sup>, JWC09, JBD<sup>+09</sup>, JWCC99, LSS<sup>+09</sup>, LOB<sup>+09</sup>, LSM<sup>+06a</sup>, LWM<sup>+09</sup>, LLM<sup>+17</sup>, LSA14, MY99, MHA<sup>+01</sup>, MSD<sup>+18</sup>, MCD<sup>+09</sup>, MLG<sup>+04</sup>, MBG09, NEO<sup>+07</sup>, NHD11, OBC<sup>+14</sup>, OCG<sup>+09</sup>, PUP<sup>+07</sup>, PFC19, PBVC<sup>+16</sup>, PPM02, QSA<sup>+09</sup>, RCL<sup>+09</sup>, RH99, RdGM<sup>+09</sup>, RRT<sup>+17</sup>, RSRL00, SBDB09, SHD<sup>+14</sup>, SV09, SSM<sup>+00</sup>, SJSI00, VCSM09, VRL<sup>+02</sup>, VBF<sup>+02</sup>, WC07a, WNA<sup>+10</sup>, WC01b, WSB<sup>+09</sup>, WC09, WAC<sup>+09</sup>, ZCP<sup>+08</sup>, dMCNC99, dSJB<sup>+11</sup>, vWDB<sup>+01</sup>, vdLEM<sup>+14</sup>, IBK<sup>+11</sup>, KBI<sup>+11</sup>, PLdL97, SSL98].

**Marginal** [JRK<sup>+17</sup>, Ano95b, BS21, BBD<sup>+03</sup>, BES95, BOP95, CRS<sup>+19</sup>, Cri95, FGW02, GKH<sup>+07</sup>, HTTS12, HK08, IIM02, KHL<sup>+15</sup>, LGP<sup>+03</sup>, MN10, MWB95, NHD11, RV00, RHB<sup>+95</sup>, SRF95, SESS08, TRH<sup>+08</sup>, TOSH08, THT11, TKF16, TLKT00, WZZ<sup>+23</sup>, WPW95, WNRM08, WZ03, WvdE00, DEJ08, DYEJ08, PAR<sup>+08</sup>]. **Margins** [Bau02, VBF<sup>+02</sup>, APT11, AHVB<sup>+17</sup>, DDB<sup>+97</sup>, HBCG14, HWS<sup>+98a</sup>, HZWW16, MPZ04, MS06b, PF02, RBP<sup>+94</sup>, SO98, SSR96]. **Marguerite** [AHV<sup>+17</sup>, ARW<sup>+04</sup>, ADG<sup>+08</sup>, BLO04, CHM<sup>+17</sup>, CRF04, CMW<sup>+08</sup>, CDT11, DT08, FJF<sup>+11</sup>, FMS08, HVBO08, HBO11, MDTS11a, MDTS11b, MBW<sup>+08</sup>, PDT11a, PEC<sup>+04</sup>, RCF<sup>+08</sup>, RBS<sup>+17b</sup>, SFW08, VMB17, WMB<sup>+08</sup>, ZZP04].

**Maria** [BFT10, CMVS<sup>+10</sup>, DCC<sup>+17</sup>, Di 10, ESL<sup>+10</sup>, MDC<sup>+10</sup>, RVD<sup>+10</sup>, SC10].

**Mariana** [LAT<sup>+18</sup>, iTT<sup>+15</sup>, TTD13]. **Marine** [Ake19, Ano09b, BJK<sup>+22</sup>, Bro19, DW15a, DKC<sup>+17</sup>, EHB19, GASGB<sup>+14</sup>, HD07, JVDH08, KKS19, LP19, LVP<sup>+17</sup>, Lut09, MSvL17, MSGO18, MK19, MWFS17, MPTW11, PH19, PG07, PDT<sup>+10</sup>, PDT<sup>+11b</sup>, PJC19, SH11a, SPDW19, SID19, SKR<sup>+12</sup>, Sum19, SBG<sup>+06</sup>, VSM17, YKSI19, ZPG14, ZQW19, ZDP<sup>+16</sup>, vdBGM<sup>+17</sup>, AYMSAS19, AJ95, AHV<sup>+00</sup>, Ark13, AZYT16, AGJ07, ASBR17, BH14, BHS<sup>+06</sup>, BOHW22, BA10, BWD20, BCG<sup>+22</sup>, BS21, BML<sup>+06</sup>, BCP<sup>+15</sup>, CFS<sup>+06</sup>, CLQ<sup>+18</sup>, CWEHT22, CNOC13, CWE<sup>+17</sup>, CTH<sup>+98</sup>, CRI18, DWG<sup>+15</sup>, DHCV19, DMC<sup>+17</sup>, DHS<sup>+14</sup>, DDS11, DeM02, DW15b, DAN23, DJCF09, Duc08, DGT17b, EPK<sup>+10</sup>, EPPR09, EBG<sup>+15</sup>, FPB<sup>+14</sup>, FO05, Fri01, FG07, GFK24, GRD<sup>+08</sup>, GR10, GF07, GKB19, GDC11, HSSH23, Hat02b, HM14, HH20, HAE<sup>+15</sup>, HDJP05, HSSN08, JRJ<sup>+22</sup>, JLK03, JRK<sup>+17</sup>, KRW03, KMMS18, KMB11, KYW20, KMOM19, LWO<sup>+09</sup>].

**marine** [LPFS97, LHS96, LAGK<sup>+18</sup>, LS17, LPAR24, LHKHH10, LLT<sup>+00</sup>, Mac08, MSMS08, MBH<sup>+96</sup>, MGT<sup>+20</sup>, Mas02, MCH22, MDS<sup>+16</sup>, MXC15, MV23, MDK<sup>+01</sup>, NCSO13, OPDM11, OBRJ01, OL15, OM02, ORFA<sup>+14</sup>, PW15, Pas16, PLPS98, Pon07, PSP<sup>+09</sup>, QQJ<sup>+21</sup>, RH14, Sch07, SCD14, SPEPS18, SCPC98, SBL<sup>+18</sup>, SHM<sup>+07</sup>, SSB<sup>+06</sup>, SSAF02, TAMTC<sup>+13</sup>, Tho97, TDvdE<sup>+10</sup>, TM22, TBPS22, TGFE02, TBFP04, Uys06, VAT23, VVV04b, VGD14, WKM<sup>+07a</sup>, WWH<sup>+10</sup>, WBCB06, WWB04, WPW<sup>+14</sup>, WSSN10, WAC<sup>+09</sup>, WYT19, XZW<sup>+19</sup>, YWW23, YSBH06, YHC<sup>+15</sup>, YBHM05, ZSKL19, ŽSN<sup>+18</sup>]. **Marine-entry** [VSM17]. **Marinobacter** [MGT16]. **marinoi** [MGG<sup>+09</sup>]. **marionae** [KBR18]. **Maritime** [SSC<sup>+23</sup>]. **marker** [RH07]. **markers** [BLS<sup>+97</sup>, Har94, JH04, PPYN15, PSS<sup>+16</sup>, Vri09]. **marlin** [CCM<sup>+20</sup>]. **Marmara**

[RDC<sup>+18a</sup>, ACBV<sup>+18</sup>, ÇYB<sup>+18</sup>, FDR<sup>+18</sup>, GPÇ<sup>18</sup>, GHD<sup>+18</sup>, HGK<sup>+18</sup>, RH07, RÇG<sup>18</sup>, RDC<sup>+18b</sup>, ROBV<sup>+18</sup>, TCG<sup>+18</sup>, Uys06, YLR18]. **marshallae** [PCAS05]. **MarsiteCruise** [ROBV<sup>+18</sup>]. **Mártir** [MML06]. **Maru** [CHU<sup>+00</sup>]. **Mascarene** [WWL02]. **MASFLEX** [TIKS03]. **Masked** [EF98]. **Mass** [AGPR95, CB00a, LTS<sup>+97</sup>, MPE<sup>+09</sup>, SLB<sup>+16</sup>, AKH<sup>+02</sup>, BNM<sup>+07</sup>, BH99a, CW97, CCM15, CJF<sup>+12</sup>, CP05, CRD<sup>+17</sup>, FDC<sup>+18</sup>, GLDCA<sup>+06</sup>, GGLP02, GP16, GOP<sup>+01</sup>, HCBP97, HWM02, HGMA<sup>+02</sup>, HdBB<sup>+02</sup>, HBK<sup>+98</sup>, IBD10, JR11, JSBC15, KM05b, KDMH18, KHB<sup>+04</sup>, KHL<sup>+17</sup>, Las93, LBY<sup>+10</sup>, MA05, MBS05, MLG<sup>+04</sup>, OHT12, PMM<sup>+94</sup>, RdGM<sup>+09</sup>, RLVF02, RJWD01, RYT01, SH99b, SKD<sup>+16</sup>, SWC<sup>+02</sup>, SBHS20, SFG98, SRF09b, SHFM01, SBS<sup>+02</sup>, SCSMT20, SYK<sup>+13</sup>, TRF<sup>+97</sup>, WJS<sup>+10</sup>, WLA11, WSFB02, WCJ97, YCYK10, vBBR<sup>+08</sup>]. **mass-balanced** [SCSMT20]. **masses** [BSK<sup>+97</sup>, BRW00, BLSS10, CBCT09, CPF<sup>+14</sup>, CRM<sup>+16</sup>, CAGLV<sup>+06</sup>, DEL<sup>+17</sup>, FHR<sup>+11</sup>, GCR<sup>+02</sup>, HDD<sup>+11</sup>, HSY08, KL96c, LHZ<sup>+16</sup>, MKB<sup>+10</sup>, OACA19, Pee97, PNL<sup>+19</sup>, PE17, RMCAR06, RAF<sup>+11</sup>, SSWM18, SHB02, SRF09b, SSC<sup>+00</sup>, SLB<sup>+16</sup>, SGP<sup>+11</sup>, TGA<sup>+09</sup>, TGLN93, TMTR14, VPK<sup>+19</sup>, VCO<sup>+15</sup>, YLBdR03, ZWK<sup>+15</sup>]. **Massif** [RKM23a, GTB15]. **massive** [BBS14, LS14a, ORFA<sup>+14</sup>, PTD<sup>+17</sup>, PCB<sup>+17</sup>, SZM10, SPB<sup>+14</sup>, TBC<sup>+17</sup>, ZAC<sup>+15</sup>]. **mat** [GPK02]. **material** [BS01, BMOW09, CAFK03a, CDH<sup>+00</sup>, CLGM05, Cri95, DB02, GJ11, GHIM04, HMB<sup>+96</sup>, HHP<sup>+96</sup>, LBV<sup>+08</sup>, MHA<sup>+01</sup>, NRSL17, RHB<sup>+95</sup>, SMCA01, SRH<sup>+11</sup>, TRWB99, WCWW99]. **materials** [ANI09, BD94, KSDE16, NAT<sup>+12</sup>]. **maternal** [RHM13]. **mathematical** [CHG15]. **Mating** [FRBB10, BKS<sup>+10</sup>, HC13]. **matrices** [CAJE15, DRR<sup>+14</sup>]. **matrotrophy** [CGD<sup>+15</sup>]. **Matruh** [Gol93]. **matter** [AWL<sup>+09</sup>, ARC02, BGS98, BS03, BHMC05, BSS<sup>+17</sup>, BCG04, BBDL98, BA94, BSP00, BRP<sup>+13</sup>, BLS<sup>+97</sup>, BGG<sup>+09</sup>, CHPS00, CZVR02, CCZ<sup>+21</sup>, CM00, ÇYFB<sup>+06</sup>, ÇYAYT06, CLPL<sup>+09</sup>, CSS<sup>+02</sup>, DD95, DB05, DTB<sup>+02</sup>, DKN<sup>+97</sup>, DJS<sup>+08</sup>, DC00, DSYH09, EAS<sup>+09</sup>, ERB<sup>+99</sup>, FA02, FCP99, GGM<sup>+16</sup>, GLSK<sup>+17</sup>, GMC<sup>+12</sup>, GZZC10, HPS<sup>+13</sup>, HWM02, HLG<sup>+21</sup>, Har94, Hat02a, HK01, HIN<sup>+02</sup>, HVN02, HSC<sup>+07</sup>, HCG<sup>+03</sup>, HD02, HLM<sup>+01</sup>, KBLA97, KLY<sup>+15</sup>, KMC05, KVB<sup>+09</sup>, KSU<sup>+06</sup>, KW00, LGHD20, LG09, LQF<sup>+02</sup>, LPW<sup>+09</sup>, LG98, LWM<sup>+09</sup>, LWL<sup>+16</sup>, LKH<sup>+07</sup>, LFC16, MS06a, MPV<sup>+11</sup>, MORB<sup>+15</sup>, MBB<sup>+02</sup>, MD14, MGS<sup>+10</sup>, MSM<sup>+02</sup>, Mil94b, MFG<sup>+04</sup>, MGC<sup>+14</sup>, MBT97, MB08, NSKG96, NTS<sup>+11</sup>, PMJW10, PPZ93, Pfa93, PDY20, PDS<sup>+17</sup>, PDTS08, PGZ<sup>+09</sup>, QB02, RTB02, RCL<sup>+09</sup>, RGS<sup>+97</sup>, RPF<sup>+16</sup>, SSB<sup>+17</sup>, SSL98, SW00, SBN<sup>+15</sup>, SBA<sup>+20</sup>, SP00, SD96]. **matter** [SAM96, SJSI00, TRH<sup>+08</sup>, VCSM09, VKGP<sup>+11</sup>, VAK<sup>+09</sup>, WBM96, WC09, YCN<sup>+10</sup>, YCT<sup>+22</sup>, YBHM05, dMCNC99]. **maturation** [BKCV10]. **mature** [MBNRB08]. **maturity** [AST07, CHPF10, GPF16, KM15, LAÁ<sup>+14</sup>]. **Maud** [BBB<sup>+11a</sup>]. **Mauritania** [EFW<sup>+14</sup>]. **Mauritanian** [PLHMA06]. **Maurolicus** [RBS17a]. **Mawson** [WNRM08]. **maxima** [FLT97, HPWP07]. **maximum** [BLP<sup>+15</sup>, DW15a, FHP94, HSS<sup>+12</sup>, MASVB<sup>+19</sup>, MSRM08, NRH<sup>+06</sup>, PSE<sup>+93</sup>, PKZ93, TPS<sup>+15</sup>, ACFS02, LXWC21, LAT<sup>+18</sup>]. **May** [Ano99m, OTH05, Ano00n, Ano21k, Ano22t, Gra09, JPSB93, LSU04,

LCR<sup>+96</sup>, LBB<sup>+06</sup>, OE06, RS02]. **May/June** [Gra09]. **Mayen** [NA09]. **MC118** [MMS<sup>+16</sup>]. **McLeay** [VAM97]. **meadow** [AHHCR23]. **Mean** [CGR<sup>+00</sup>, GPC14, LWL<sup>+24</sup>, MPI07, QC10, SJL05, SS99b, TSW<sup>+09</sup>, TLW<sup>+94</sup>]. **meander** [GSK02, Gol93]. **Meanders** [ARNB01, BPRS11, BKM07, CMBPM04]. **means** [BEM<sup>+15</sup>, CFR<sup>+14</sup>, CNOC13, DCD<sup>+14</sup>, RSS01, VMGO<sup>+09</sup>, vGCM00]. **Measured** [TSPH09, ADBW16, BT04, CMV<sup>+20</sup>, CKH<sup>+08</sup>, DDLK06, JLAD95, KSS00a, LBL08, LPW<sup>+09</sup>, LTH05, MCS07, PMGH01, Qua97, RG03, SOS01, SMB03, TRM<sup>+14</sup>, WEB93, YAS<sup>+93</sup>]. **Measurement** [JOD98, SBB<sup>+05</sup>, HO99, JEK<sup>+15</sup>, TBB<sup>+08</sup>]. **Measurements** [CSW<sup>+18</sup>, LCW<sup>+07</sup>, MSW11, BCH<sup>+96</sup>, BDBB07, BLO04, BDW<sup>+96</sup>, BFK<sup>+14</sup>, CTGD08, CBB<sup>+95</sup>, CMA<sup>+09</sup>, CCH95, DO96, FK98, GNG<sup>+22</sup>, GVW<sup>+19</sup>, GLW<sup>+97</sup>, HHKH<sup>+04</sup>, HWS<sup>+13</sup>, KLTS13, KWN<sup>+09</sup>, KKD06, KVPK20, LFPC14, LBJ<sup>+13</sup>, MMS<sup>+16</sup>, MDTS08, MNB02, MC12, Mit96, MRM<sup>+12</sup>, NDT<sup>+01</sup>, PHD<sup>+18</sup>, PDSS96, PPR<sup>+20b</sup>, RCL<sup>+09</sup>, RTC06, RPF01, SHF<sup>+95</sup>, SWC<sup>+02</sup>, SSY<sup>+05</sup>, SHM<sup>+01</sup>, VSGGPR14, WAW05b, WSL<sup>+11</sup>, XAY<sup>+11</sup>]. **measures** [Eks07, PSK<sup>+14</sup>, RTC<sup>+07</sup>]. **measuring** [PNS<sup>+09</sup>, RSWG04]. **mechanics** [Joh19]. **mechanism** [CDRB16, GKH<sup>+07</sup>, GEP<sup>+16</sup>, HGM<sup>+11</sup>, LWO<sup>+09</sup>, NSMBN08, PTM<sup>+16</sup>]. **Mechanisms** [DLF<sup>+09b</sup>, MR01, MALT05, AKM<sup>+05</sup>, DD15a, DD15b, EBM<sup>+18</sup>, Gau07, HRSJ23, HDW<sup>+20</sup>, JRG<sup>+22</sup>, JRK<sup>+17</sup>, KK19, MCM06, NC97, SVB<sup>+19</sup>, SRY04, SGC03, XZW<sup>+19</sup>, MTGY05]. **mechanistic** [ALH<sup>+01</sup>]. **Meddies** [SAM05]. **MEDESS** [FSP<sup>+16</sup>, COS<sup>+16</sup>, MPM<sup>+16</sup>]. **MEDESS-4MS** [FSP<sup>+16</sup>, COS<sup>+16</sup>, MPM<sup>+16</sup>]. **MedFlux** [LAC<sup>+09</sup>, WLP<sup>+09</sup>]. **mediated** [BA01, ENM<sup>+14</sup>, ENM<sup>+16</sup>, FJR<sup>+20</sup>, SGI<sup>+19</sup>]. **mediation** [SSLA95]. **Mediterranean** [AFC<sup>+17</sup>, BFDB17, Bre93, BLI<sup>+09</sup>, CMB02, Di 10, IABR<sup>+17</sup>, LPK<sup>+17</sup>, LLS<sup>+19</sup>, MDC<sup>+10</sup>, MGS<sup>+10</sup>, OGG<sup>+20</sup>, PLD<sup>+17</sup>, PMF<sup>+17</sup>, PDA<sup>+17</sup>, PST<sup>+05</sup>, RSR<sup>+19</sup>, RG93, SAG<sup>+10</sup>, TR02, VPK<sup>+19</sup>, VSR<sup>+10</sup>, AV97, APMN<sup>+17</sup>, AGL<sup>+19</sup>, AHV<sup>+00</sup>, AKZL16, ASB<sup>+02</sup>, AAG19, ALR<sup>+14</sup>, Avr02, AAL<sup>+17</sup>, BMCF97, BMP<sup>+09</sup>, BBN97, BCM02, BGCH20, BMRTL93, BMRP02, BFML<sup>+08</sup>, BWAS02, BLS<sup>+97</sup>, BGG<sup>+09</sup>, BG09b, CBG02, CB97, CMB<sup>+97</sup>, CW97, CMA<sup>+09</sup>, Cor10, CMTS97, CMC<sup>+02</sup>, DMS<sup>+10</sup>, DCC<sup>+17</sup>, DMC<sup>+17</sup>, DGR02, DCA09, DFA<sup>+20</sup>, ETP<sup>+16</sup>, EFR<sup>+19</sup>, FPB<sup>+14</sup>, FARLR<sup>+13</sup>, FSK<sup>+05</sup>, FA02, GLCU<sup>+17</sup>, GPBV<sup>+07</sup>, GGO<sup>+14</sup>, GAHD<sup>+17</sup>, GMC97, GG02, GCN<sup>+97</sup>, HMLS<sup>+06</sup>, HZK<sup>+05</sup>, ID19, IFFGL<sup>+04</sup>, JASS02, KTP<sup>+20a</sup>, KTP<sup>+20b</sup>, KMT20, KK20, KTP<sup>+05b</sup>, KWH<sup>+05</sup>, KTB<sup>+05</sup>, LLD<sup>+17</sup>, LPA<sup>+17</sup>, LPdR<sup>+14</sup>, Las93, LAW<sup>+05</sup>, LLLP<sup>+03</sup>, LPW<sup>+09</sup>, LW15, LLM<sup>+17</sup>, LTS<sup>+97</sup>, MCK<sup>+19</sup>]. **Mediterranean** [MM97, MPPR14, MCPA02, MC02, MSC<sup>+19</sup>, MSM<sup>+02</sup>, MBTM97, NSLAP<sup>+17</sup>, PPR<sup>+20a</sup>, PWR05, PVK<sup>+20</sup>, PN93, PDB<sup>+16</sup>, PKZ<sup>+19</sup>, PZT<sup>+19</sup>, PZK<sup>+05</sup>, PGZ<sup>+09</sup>, RD16, RVD<sup>+10</sup>, RBCG10, SNS10, SLDL93, SA02, SAK05, SLM<sup>+20</sup>, SGA97, SZV<sup>+19</sup>, STD<sup>+20</sup>, SVKT20, SABP<sup>+16</sup>, Spa99, SGM<sup>+02</sup>, SCM<sup>+09</sup>, TGRB02, TAC<sup>+17</sup>, TGLN93,

TMP<sup>+19</sup>, Thi05, TRF<sup>+97</sup>, TPP<sup>+20</sup>, TLP<sup>+19</sup>, TLMT97, Uys06, VPA<sup>+20</sup>,  
 VGZ<sup>+19</sup>, VCG<sup>+20</sup>, ZDP<sup>+16</sup>, ZHK<sup>+05</sup>, ZEGB97]. **mediterraneus**  
 [FARLR<sup>+13</sup>]. **medium** [LMG93]. **medusae** [SB05]. **Medusozoa**  
 [OBPY10, Ste13]. **meeting** [AAB<sup>+97</sup>]. **Mega** [RKM<sup>+23b</sup>]. **Mega-**  
 [RKM<sup>+23b</sup>]. **megabenthic** [Blu01, KME18, LBB<sup>+07</sup>, LB14, MLH<sup>+22</sup>].  
**Megabenthos** [LRL<sup>+22</sup>]. **megacrustaceans** [EBGCL08]. **Megafauna**  
 [FPB<sup>+14</sup>, LPPCF10, ASBR17, BFA<sup>+08</sup>, Car10, CRBK03, DMS<sup>+10</sup>, FVW08,  
 GLdS<sup>+09</sup>, KCM<sup>+14</sup>, KRHS20, LVP<sup>+17</sup>, MBI<sup>+10</sup>, NCSB<sup>+98</sup>, RSN01,  
 WACGH11, WZB<sup>+14</sup>]. **Megafaunal**  
 [MBG09, ARB<sup>+13</sup>, BMSBM<sup>+17</sup>, DLKP14, Hec94, LT03, NHH<sup>+13</sup>, OGG<sup>+15</sup>,  
 QSA<sup>+09</sup>, SBS<sup>+08</sup>, TRB98, WAM<sup>+18</sup>]. **Megaptera** [BJK<sup>+22</sup>]. **meiobenthic**  
 [TMP<sup>+13</sup>]. **Meiobenthos** [LSST20, AS01a, BPR<sup>+10</sup>]. **Meiofauna**  
 [GARVK04, SWL<sup>+18</sup>, VVV04a, ZBC<sup>+13</sup>, BMHR08, KSM<sup>+11</sup>, LGVK<sup>+14</sup>,  
 NGF09, PGZ<sup>+09</sup>, RBA<sup>+01</sup>, SA15b, SNS<sup>+07</sup>, SP00, VKGQ<sup>+09</sup>, VKGP<sup>+11</sup>].  
**Meiofaunal** [EBDL08, SLM<sup>+20</sup>, BGB08, HWTN22, KBG<sup>+10</sup>, VGSV09].  
**Melanogrammus** [BD06]. **Melilla** [LGR<sup>+14</sup>]. **melt** [Ald95, ECS<sup>+17</sup>,  
 GBI10, Kyt02a, LFC16, MSV<sup>+17</sup>, PSA14, SBM16, vdMLB<sup>+11</sup>]. **melt-pond**  
 [PSA14]. **melted** [CFL<sup>+16</sup>]. **melting**  
 [AMvD<sup>+12</sup>, GAL<sup>+12</sup>, GAL<sup>+20</sup>, HCL<sup>+22</sup>, HMHY11, SSG<sup>+11</sup>]. **Melvill**  
 [CL06]. **member** [QW15, Thi05]. **members** [MD17]. **Memoriam** [Ano19].  
**memory** [Lut15]. **Mendeleev** [ZWK<sup>+15</sup>]. **Menorca** [CB97]. **Mercury**  
 [BHLS15, CSEP<sup>+17</sup>, FHT<sup>+14</sup>, FTT<sup>+17</sup>, MLS01, CHN<sup>+18</sup>, CMTS97,  
 LRFK99, MS99, SA18]. **Merging** [KKMSM12]. **meridian**  
 [BFH<sup>+11</sup>, DJR<sup>+01</sup>, FHR<sup>+11</sup>, NTH10, SSJ<sup>+22</sup>, SB22, VPS97, WS11, ZSB01,  
 KFHR05, RPB02, vHHH<sup>+11</sup>]. **meridional** [KF95]. **Meridional**  
 [BJB<sup>+06</sup>, BMML06, CH11, DD15a, DWW<sup>+02</sup>, GLBB11, GM11, MD06,  
 MKW11, NI10, PDA<sup>+20</sup>, RHJ06, RPH<sup>+06</sup>, RHJL09, Bae11, BPD<sup>+11</sup>,  
 BH19a, BHLS15, BJ15, FM03c, GRWW01, HWP<sup>+11</sup>, KHL<sup>+17</sup>, LBB11,  
 MZD<sup>+11</sup>, RHL<sup>+22</sup>, RHK<sup>+11</sup>, RKHK<sup>+11</sup>, SF11, HMHY11]. **Meristoderes**  
 [AM18]. **meroplanktonic** [BMH<sup>+94</sup>]. **MERRA** [bsBD<sup>+20</sup>]. **MERRA-2**  
 [bsBD<sup>+20</sup>]. **Mersa** [Gol93]. **Mertz**  
 [VSGM03a, HB03, HBBD03, SMV<sup>+03</sup>, VSGM03b]. **mesatlantica** [MCB<sup>+15</sup>].  
**Meso** [TSMS09, BHS<sup>+06</sup>, BHS<sup>+10</sup>, MBO07, OGBF08, SNS10]. **Meso-**  
 [TSMS09, BHS<sup>+10</sup>, OGBF08]. **meso-marine** [BHS<sup>+06</sup>]. **meso-scale**  
 [MBO07]. **mesocosm**  
 [AGPR95, CCH95, DD95, JLAD95, Jac95b, LL95, MZR<sup>+95</sup>, PA95, SSLA95].  
**mesocosms** [VSFF09]. **Mesopelagic** [BTR20, BBB<sup>+01</sup>, DLLK15, JDS<sup>+08</sup>,  
 RSA<sup>+10</sup>, SS02, AT10, ACR<sup>+20</sup>, BH08, CHN<sup>+10</sup>, CTW<sup>+20</sup>, CSF<sup>+12</sup>,  
 CBJ<sup>+23</sup>, DSO<sup>+97</sup>, DSJ<sup>+11</sup>, ETDB11, KMKA20, LBV<sup>+08</sup>, LZL<sup>+22</sup>, LOFC00,  
 MN10, OB22a, OB22b, OSM<sup>+20</sup>, PNC<sup>+06</sup>, PKZ<sup>+19</sup>, RGH<sup>+24</sup>, RBS17a,  
 RWT<sup>+20</sup>, RQRVM10, SMA<sup>+17</sup>, SCWK08, TBB<sup>+08</sup>, UGSK<sup>+20</sup>, VVM<sup>+12</sup>,  
 WZZ<sup>+19</sup>, WSB08, WWHT20, ZLW<sup>+19</sup>, ZWQ<sup>+19</sup>, ZWJ<sup>+19</sup>]. **Mesophotic**  
 [SEM16]. **mesoplankton** [OvdRvA<sup>+22</sup>]. **mesopredator** [EHK<sup>+20</sup>].  
**Mesoscale** [BPC05, BdBJ<sup>+14</sup>, BNM08, DD15b, FWR<sup>+02</sup>, GPCT23, Hug14,

JHS<sup>+17</sup>, MFPL19, MMMC07, RMC<sup>+93</sup>, SKMDR02, SGP<sup>+02</sup>, SBvdL<sup>+02</sup>, Tho24, WSM<sup>+22</sup>, WC07b, ZHM<sup>+24</sup>, ZTZ09, ARLB00, AHR<sup>+06</sup>, AS02a, ATLD<sup>+20</sup>, AMH<sup>+24</sup>, BK99, BLM<sup>+14</sup>, BGWF08, BML<sup>+06</sup>, BMF<sup>+01</sup>, BLS<sup>+08</sup>, BLC<sup>+08</sup>, CB16, CMW<sup>+05</sup>, CHSVB<sup>+19</sup>, GOD<sup>+01</sup>, GSdAMNMM04, GFW07, HRM<sup>+06</sup>, HKN<sup>+09</sup>, JZ01, JTK<sup>+14</sup>, JDL<sup>+22</sup>, JMSW05, JAM<sup>+14</sup>, KM05a, LCH<sup>+09</sup>, LBMvdB14, LBR<sup>+08</sup>, LDS<sup>+08</sup>, LDHO<sup>+14</sup>, LSM<sup>+06b</sup>, MSK<sup>+06</sup>, MJW<sup>+06</sup>, MSJ<sup>+06</sup>, MRL01, MR01, MKRY01, MSC<sup>+19</sup>, MLS<sup>+06</sup>, MiSW08, MGMT19, NOT<sup>+09</sup>, NMH<sup>+06</sup>, NKD<sup>+08</sup>, NTK<sup>+09</sup>, PPA10, PWH05, PNL<sup>+19</sup>, PBMM14, PAUB19, RPA07, RJWD01, RSC07, SGD<sup>+14a</sup>, SGA<sup>+15</sup>, STN<sup>+09</sup>, SCM<sup>+08</sup>, SMPG<sup>+04</sup>, SGB<sup>+02</sup>, SD22, SMB03, TYBY06, UY04, VJF23, VHT<sup>+20</sup>, WDD<sup>+22</sup>, WW23, WTCB09, WJS<sup>+06</sup>, ZLZ<sup>+15</sup>, ZZM<sup>+13</sup>, vHSM04b]. **mesotrophic** [LR97]. **Mesozooplankton** [ACG<sup>+17</sup>, BGH99, CAMA<sup>+02</sup>, CSA<sup>+09</sup>, CAS<sup>+16</sup>, CSS<sup>+10</sup>, DZBR95, GML99, LDS<sup>+08</sup>, LMG93, MGHN01, NPA<sup>+22</sup>, RSW<sup>+00</sup>, SD06a, SZV<sup>+19</sup>, TSN<sup>+06</sup>, WGB<sup>+04</sup>, WAT12, WGG98, Zel01, BSSK<sup>+08</sup>, CLSS15, DMJ93, DLR11, FWP<sup>+07</sup>, GLLC04, GS08, HMH<sup>+02</sup>, HPM02, KSS00a, KH10, LKD<sup>+15</sup>, LAMS<sup>+01</sup>, MC05, MBG<sup>+24</sup>, NMC<sup>+07</sup>, NRH<sup>+20</sup>, PWR05, PAR<sup>+08</sup>, RAL<sup>+01</sup>, RSR<sup>+00</sup>, SBB06, SCB<sup>+16</sup>, SCWK08, SKKM20, SKW07, SKH10b, TRWB99, ZDWR95, ZD97, ZZP04]. **Metabarcoding** [YQMB20, OvdRvA<sup>+22</sup>, PDY20]. **metabolic** [AMV<sup>+09</sup>, HWK<sup>+14</sup>, LGO08, MBP<sup>+20</sup>, MBK08, SPSM23]. **Metabolism** [DKGT04, KYI10a, DZBR95, GLLC04, GQ09, HAH<sup>+01</sup>, HDF<sup>+01</sup>, HMC09, LLK<sup>+09</sup>, RGH<sup>+24</sup>, ZDWR95]. **metagenomic** [KHT<sup>+20</sup>]. **metagenomics** [KG09]. **Metal** [TBB<sup>+11</sup>, BLO<sup>+17</sup>, DGK<sup>+22</sup>, FJG<sup>+00</sup>, FBCP01, HWS<sup>+07</sup>, Kos01, KFW01, OPV11, SHF<sup>+95</sup>, TLF97]. **Metals** [PSP<sup>+09</sup>, BSSE16, Cha03, CBC02, FKW01, GCN<sup>+97</sup>, KSDE16, MBTM97, NSMBN08, NEN<sup>+07</sup>, SVD97, SM01, TTC14, Zon07]. **metamorphism** [AS02b]. **metapopulations** [BMH<sup>+94</sup>]. **metatranscriptomic** [LVP13]. **Metazoan** [BMHR08, PK08, SP00, VKGQ<sup>+09</sup>, BGB08, BPR<sup>+10</sup>, BOJ<sup>+10</sup>, FG97, GBLS00, KBG<sup>+10</sup>, KMM<sup>+08</sup>, MBP<sup>+20</sup>, PGZ<sup>+09</sup>, SA15b, SNS<sup>+07</sup>, TMP<sup>+13</sup>, Wit00]. **metazooplankton** [PF02]. **meteoric** [MSV<sup>+17</sup>, vWMR<sup>+17</sup>]. **meteoritic** [Kyt02b, Kyt02c]. **Meteorological** [FD01, RGIH<sup>+06</sup>, PFX<sup>+02</sup>]. **meters** [vGCM00]. **Methane** [ACBV<sup>+18</sup>, BPF<sup>+03</sup>, LMG17, RKM<sup>+22</sup>, VKM13, YZZ<sup>+16</sup>, YZZ<sup>+19</sup>, AM22a, AM22b, BNP<sup>+09</sup>, CBNR<sup>+09</sup>, DGK<sup>+22</sup>, DME<sup>+18</sup>, ESL<sup>+10</sup>, FUGG<sup>+09</sup>, HFL<sup>+15</sup>, LMM<sup>+17</sup>, LLL<sup>+15</sup>, LSM<sup>+06a</sup>, LZM<sup>+13</sup>, MMS<sup>+16</sup>, MSD<sup>+18</sup>, NKA<sup>+11</sup>, NCK<sup>+22</sup>, PTD<sup>+17</sup>, PUP<sup>+07</sup>, PBVC<sup>+16</sup>, PRSS23, RTC06, SSK<sup>+23</sup>, SDB<sup>+18</sup>, SHM<sup>+07</sup>, TCG<sup>+18</sup>, ULTL16, WJS<sup>+10</sup>]. **methane-**[PTD<sup>+17</sup>]. **methane-bearing** [PBVC<sup>+16</sup>]. **methane-charged** [SHM<sup>+07</sup>]. **methane-cycling** [ULTL16]. **Methane-derived** [ACBV<sup>+18</sup>]. **methane-oxidizing** [CBNR<sup>+09</sup>]. **methane-soaked** [PUP<sup>+07</sup>]. **methanogenic** [RDV<sup>+09</sup>, WOM<sup>+16</sup>]. **methanotrophic** [RDV<sup>+09</sup>]. **method** [BMRTL93, BFH<sup>+23</sup>, CMT93, DRR<sup>+14</sup>, SOW01, UGSK<sup>+20</sup>, XA09]. **methodological** [JBB<sup>+13</sup>, WLD<sup>+07</sup>]. **methodologies** [GRC<sup>+03</sup>].

**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]. **methylamines** [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, EBGL08, 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, 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]. **Microcope** [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]. **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, DKGTO4]. **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** [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, RRMM05, 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, WVN<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, YÇYTKB06]. **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, 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, NDC96, 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, HKS11, 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]. **Mjølir** [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>+23</sup>, Har96, Hei02, HSHM02, HHD<sup>+09</sup>, HLC<sup>+16</sup>, HKC<sup>+21</sup>, HMLS<sup>+06</sup>, HKAM12, HCG<sup>+09</sup>, HPH<sup>+16</sup>, HFK<sup>+02</sup>, HKMS03, HA96, IHPA16, JB01, JW05a, JW05b, JCF<sup>+06b</sup>, JDL<sup>+22</sup>, JCD<sup>+03</sup>, JDL<sup>+12</sup>, JAM<sup>+14</sup>, KTP<sup>+20a</sup>, KTP<sup>+20b</sup>, KG20, KMB11, KKUK10, KHL<sup>+01</sup>, KIY<sup>+05</sup>, KRAS24, Lar04, LHS96, LHX<sup>+22</sup>, LW04, LCL<sup>+10</sup>, LSWM22, LTL<sup>+23</sup>, LFHM97, LDX<sup>+23</sup>, MMXS02, MBd05, MD06, MCSF15, MMTT<sup>+20</sup>, MALT05]. **model** [MTWC<sup>+15</sup>, MNPT06, MDK<sup>+01</sup>, MBC<sup>+09b</sup>, NP03, OFV09, OC00, OBWK01, OGC09, PCDM11, PTS01, PDB<sup>+16</sup>, PHS03, PVT<sup>+21</sup>, Pri06, RPB99, RAC<sup>+20</sup>, RLH<sup>+03</sup>, RSSM19, RDSA<sup>+21</sup>, RSC<sup>+09</sup>, SOW01, Sco05, SF11, SRA<sup>+09</sup>, SHM13, SHA04, ŠH11b, SK02, Spa99, SMA01, SCS<sup>+98</sup>, SMSA05, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, SGB<sup>+02</sup>, SCSMT20, SESS08, Sva96, Thi05, TC06, TBBM03, TLW<sup>+94</sup>, TLMT97, UKM16, VALW23, VSGGPR14, VIY02, WDM<sup>+05</sup>, WCJ<sup>+11</sup>, WLY<sup>+22</sup>, WW04a, WMC06, WBA03, WTSP07, YLU<sup>+14</sup>, YSWJ16, YHL<sup>+12</sup>, ZLOR02, MPL15]. **model-based** [HLC<sup>+16</sup>]. **Model-derived** [Osc01]. **Modeled** [CHH19, DHS<sup>+09</sup>, HGB<sup>+13</sup>, LZZ<sup>+16</sup>]. **Modeling** [Ano06d, BV98, DKSF01, DKdS<sup>+03</sup>, FAS<sup>+03b</sup>, FME<sup>+09</sup>, FC07, GBS<sup>+22</sup>, GC07, HBSL01, HS05a, HBCO01, JRKR19, KFF<sup>+94</sup>, KVS<sup>+09</sup>, KC00, LBB<sup>+06</sup>, MTWH04, NSBL94, PHH<sup>+16</sup>, PFC09, SFW08, TYBY06, TH99, WCD<sup>+09</sup>, WGMC14, Arm06, BKD06, CFZ<sup>+18</sup>, CHPF10, DD06, DJCF09, DWW<sup>+02</sup>, FJF<sup>+11</sup>, GWL<sup>+15</sup>, HTK<sup>+10</sup>, HH03, HLA<sup>+06</sup>, IHSS<sup>+10</sup>, JBS<sup>+13</sup>, KOM17, KWF<sup>+19</sup>, KD01, LWGS00, MHB<sup>+23</sup>, MPF<sup>+17</sup>, MMT08, PPM<sup>+17</sup>, PS23, PMF<sup>+17</sup>, POA<sup>+16</sup>, RD16, SH99a, SH99b, Sch02a, SWO<sup>+01</sup>, SVKT20, SSB<sup>+07</sup>, TVL<sup>+00</sup>, TMGLM19, VALW23, VS99, WL02]. **Modelled** [MBP09, vWMR<sup>+17</sup>]. **modeller** [YFY<sup>+10</sup>]. **Modelling** [ADBW16, BH19a, BABB08, DVPR06, DFC05, Eck94, EWG94, EPHE18, FBPG18, GASGB<sup>+14</sup>, Jen03, KTP<sup>+20a</sup>, KTP<sup>+20b</sup>, LSNH15, LSHB09, PFPJ<sup>+09</sup>, RMBG11, SDCH99, Uml05, WB01, WBA03, AKZL16, Ano05e, AGN<sup>+02</sup>, BDL<sup>+14</sup>, BU05, CVM<sup>+01a</sup>, CVM<sup>+01b</sup>, DBG<sup>+16</sup>, HKR<sup>+01</sup>, JMW<sup>+20</sup>, KYS94, LVP<sup>+17</sup>, MPI07, OM02, SLHS20, SAK05, SHM<sup>+01</sup>, SZB<sup>+19</sup>, YMMC11]. **Models** [EWF<sup>+18</sup>, AGHS04, AMK<sup>+05</sup>, BMG<sup>+04</sup>, BWAS02, COS<sup>+16</sup>, CMAO<sup>+12</sup>, CWEHT22, CNOC13, CM01, DSBS20, DP02, DCL<sup>+21</sup>, GGAMV<sup>+23</sup>, GSGS01, GGC19, HBP<sup>+14</sup>, HIA<sup>+16</sup>, JBB<sup>+13</sup>, KxF22, KYW20, KMD<sup>+11</sup>, LFPC14, LGF03, LWS21, MRSLM<sup>+19</sup>, OAH<sup>+16</sup>, PSZ<sup>+19</sup>, PF06, Pra04, QQJ<sup>+21</sup>, SM12, SNMH18, SVS<sup>+20</sup>, TT17, VTA<sup>+11</sup>, VGD14, WOS12, WYOS18, WBJ<sup>+98</sup>, WWS02, YSC<sup>+20</sup>, ZW23]. **MODerate** [LCW<sup>+07</sup>]. **Modern** [ASBM02, KFTE14, SBH<sup>+02</sup>, BMD<sup>+17</sup>, CBB<sup>+95</sup>, FAS<sup>+03a</sup>, HAF<sup>+15</sup>, LH07, PPM02, YFY<sup>+10</sup>]. **modes** [HLC<sup>+16</sup>, HKC<sup>+21</sup>, Hol06, MV19]. **Modification** [VMB17, SGA<sup>+15</sup>]. **modifications** [WL02]. **Modifying** [DLWW23]. **MODIS** [CWP<sup>+15</sup>, PG18, bsBD<sup>+20</sup>]. **MODIS-Aqua** [CWP<sup>+15</sup>]. **modulated** [WDD<sup>+22</sup>]. **modulates** [ADBU18]. **modulating** [AMH<sup>+24</sup>, QC10]. **modulation** [FD01, SMPSD04, Tho24]. **Moire** [Ano06a]. **Molecular** [BBT<sup>+18</sup>, LCL<sup>+22</sup>, RMBW07, SW00, WDG<sup>+02</sup>, ACBV<sup>+18</sup>, ANL13, AKK<sup>+05</sup>, BLS<sup>+97</sup>, BK96b, BGMH01, DLB<sup>+11</sup>, GO10, GLSK<sup>+17</sup>, GHG<sup>+04</sup>,

HRS<sup>+23</sup>, LVP15, VPdP06, Vri09, WBCB06, Zül05]. **molecules** [RBS17a].  
**mollusc** [Mar13, TMBTS09, VB98]. **Mollusca**  
 [LS18, SI09, LGBC06, SGB14, SBE<sup>+07</sup>, vCO09]. **molluscs**  
 [BCVCHW04, JSSW14, Kam18, KWPB15]. **mollusks** [CC13]. **moment**  
 [WZZ<sup>+23</sup>]. **Momentum** [Pap05a]. **Monitor** [DIM<sup>+12</sup>, PNVJ13].  
**monitored** [CFK15, LZS<sup>+18</sup>, MML07]. **Monitoring**  
 [Ano14, CFR<sup>+14</sup>, FCP99, RHK<sup>+11</sup>, BMOW09, DTJ<sup>+14</sup>, GUSB03,  
 GAHD<sup>+17</sup>, KG20, KI18, LBD<sup>+22</sup>, NLDJ14, PSK<sup>+14</sup>, PDB<sup>+16</sup>, PSP<sup>+09</sup>,  
 SS09, SSP<sup>+09</sup>, SD98, SBG<sup>+03</sup>, TZ09, TSSR20, WPW<sup>+14</sup>]. **monothalamous**  
 [GHG<sup>+04</sup>]. **monotypic** [dMGPT<sup>+14</sup>]. **monoxide** [SUL<sup>+06</sup>, SUK<sup>+06</sup>, ZX12].  
**Monsoon** [CD99, HDPI99, WJD<sup>+00a</sup>, BSMV03, BEGC04, BC03, BCBF03,  
 BLC<sup>+02</sup>, BGH<sup>+19</sup>, CRP<sup>+05</sup>, CWB02, DG18, EBS99, GKB<sup>+18</sup>, GMMS05,  
 HML99, HZN<sup>+16</sup>, KDG<sup>+97</sup>, LBC<sup>+98</sup>, LG09, LWSZ13, LLH<sup>+15</sup>, MGR<sup>+03a</sup>,  
 MPS<sup>+21</sup>, PPZ93, PJ99, RSR05, RAC<sup>+20</sup>, RIHGS00, SZH<sup>+04</sup>, SGJ<sup>+20</sup>, SP00,  
 SBE<sup>+99</sup>, SBS<sup>+02</sup>, TBEW99, Wei99, WRS99, vC97, BLB<sup>+99</sup>, CDA98,  
 DCM<sup>+99</sup>, GGH98, KRG<sup>+01</sup>, LB98a, MMHB98, MGN99, ML20, RSF<sup>+99</sup>,  
 Sam01, WJD<sup>+00b</sup>, WMM02, WLC99]. **Monsoon-controlled** [HDPI99].  
**monsoon-driven** [LG09, LWSZ13]. **Monsoonal**  
 [BDF00, BMC99, SNH<sup>+23</sup>, BN97, BBV00, CB00b, LJBF00, SRP<sup>+98</sup>].  
**monsoons** [DHGO23, GGRW98, PWJF20, PFW<sup>+20</sup>, WFR<sup>+02</sup>, DC00,  
 DOB<sup>+01</sup>, LCL<sup>+98</sup>, SOS01]. **Montagnais** [PPM02]. **Monterey**  
 [CCP<sup>+18</sup>, CPC<sup>+03</sup>, HLR<sup>+09</sup>, HAC<sup>+14</sup>, IDSM04, KC00, KD00, OC00,  
 PCT18, PC00, PC18, PLPS98, RDL<sup>+09</sup>, RLP<sup>+98</sup>, RRS<sup>+98</sup>, RSR10, SRC98,  
 SLP<sup>+09</sup>, SP09, SRA<sup>+09</sup>, WCD<sup>+09</sup>, WDKC00]. **monthly** [CMR<sup>+18</sup>].  
**months** [DI00, FWS94]. **Moored**  
 [RdR03, WFR<sup>+02</sup>, WAW05b, CDH<sup>+00</sup>, DSK<sup>+13</sup>, HVBO08, KMD<sup>+99</sup>,  
 KMDW01, LWL<sup>+24</sup>, MDH<sup>+98</sup>, NMW<sup>+09</sup>, RCW<sup>+15</sup>, SWLL23, YXC<sup>+19</sup>].  
**mooring** [KWA<sup>+20</sup>, LPM<sup>+19</sup>, MNR<sup>+11</sup>, PWJF20, DZY<sup>+01</sup>]. **Mora**  
 [VFFM13]. **mordax** [CDG00, DBC<sup>+19</sup>, NSBL94]. **Morgan** [Cha07].  
**morhua** [BD06, Dri09, IAA96, JGM09, KVS<sup>+09</sup>, RG06a, RG06b, SRFR07].  
**moro** [VFFM13]. **Morocco** [FMH<sup>+02</sup>]. **Morpho** [CDM<sup>+16</sup>, THM<sup>+13</sup>].  
**Morpho-acoustic** [CDM<sup>+16</sup>]. **morpho-tectonic** [THM<sup>+13</sup>].  
**morphogroups** [SSSN19]. **Morphological** [CL06, LG00, LGR<sup>+14</sup>,  
 VWTK18, GO10, GHG<sup>+04</sup>, HRS<sup>+23</sup>, KHT<sup>+20</sup>, PPF<sup>+15</sup>]. **morphologically**  
 [BDR16]. **Morphologies** [CSG<sup>+15</sup>]. **Morphology**  
 [DDB<sup>+17</sup>, FLM10, FSM93, Mar13, BH03, LSA14, Mah16, RBS17a].  
**morphometric** [CRT<sup>+00</sup>]. **mortality** [CD99, CLC<sup>+03</sup>, GKBG17, ZZP04].  
**mosaic** [MCH<sup>+13</sup>, SPS<sup>+09</sup>, TRB<sup>+19</sup>]. **mosaics** [GGP<sup>+14</sup>]. **Mössbauer**  
 [LKTS01]. **most** [EFR<sup>+19</sup>]. **motile** [LL14]. **motion** [GP08, HFP94, HBO11].  
**Motivating** [HB19, HBV19, HBVG20]. **moultoni** [BGMH01]. **Mound**  
 [LDBvdB17, EFW<sup>+14</sup>, RRL<sup>+14</sup>, TWL<sup>+15</sup>, vdLEM<sup>+14</sup>]. **mound-shaped**  
 [TWL<sup>+15</sup>]. **mounds** [Di 10, ESL<sup>+10</sup>, KBFH14, LGR<sup>+14</sup>, SDGH14].  
**Mountain** [Ano97b]. **Mouth** [MWS<sup>+15</sup>, DDB<sup>+17</sup>, YLH<sup>+10</sup>]. **Mouthing**  
 [LWB<sup>+07</sup>]. **move** [RHPR15]. **Movement** [SSK<sup>+05</sup>, SSK<sup>+07</sup>, CLC<sup>+20</sup>,

FM03a, FEB<sup>+13</sup>, LWB<sup>+07</sup>, MA05, SGFP13, WLD<sup>+07</sup>. **Movements** [CFK15, BCE<sup>+07</sup>, BJK<sup>+22</sup>, COQ<sup>+18</sup>, DFMW13, LPL<sup>+20</sup>, RAT<sup>+13</sup>, RSL05, WWB04]. **Moving** [MPH<sup>+16</sup>]. **Mozambique** [BLM<sup>+14</sup>, BdBJ<sup>+14</sup>, DCN<sup>+02</sup>, HBP<sup>+14</sup>, HRT14, Hug14, JTK<sup>+14</sup>, JAM<sup>+14</sup>, LBMvdB14, LDHO<sup>+14</sup>, LMF<sup>+21</sup>, MSRM14, MBT<sup>+14</sup>, MBB<sup>+14</sup>, PBMM14, QS04, RdR03, RTM14, SdRvLR03, TBB<sup>+14</sup>, TRM<sup>+14</sup>]. **MPA** [BCG<sup>+22</sup>]. **mtCOI** [OBPY10]. **mtDNA** [BK96b, EGOO22, EBG<sup>+22</sup>]. **mucronata** [Ant10]. **mud** [CSG<sup>+15</sup>, GPBV<sup>+07</sup>, JBD<sup>+09</sup>, NGF09, PPR<sup>+20a</sup>]. **mudwave** [AFM93, Led93, MF93a, Wea93, Ell93]. **mudwaves** [Blu93, FSM93, FSM93, MF93b]. **Multi** [AML<sup>+19</sup>, BG09b, DGS<sup>+05</sup>, HC15, IHPA16, KLK<sup>+15</sup>, ZHX<sup>+16</sup>, CLQ<sup>+18</sup>, CWD<sup>+10</sup>, CLB13, DBG<sup>+16</sup>, DW15b, DKC<sup>+17</sup>, DLB<sup>+11</sup>, DBBWH20, HGM<sup>+11</sup>, HIA<sup>+16</sup>, JVDH08, LWL<sup>+24</sup>, LWSA08, LSHB09, MDI<sup>+12</sup>, MPL15, MPH<sup>+16</sup>, NHS<sup>+13</sup>, OCT<sup>+19</sup>, PS05, RP18, SYS05, SSB<sup>+06</sup>, WHNS04, ZKSS06]. **multi-beam** [CWD<sup>+10</sup>, DBBWH20]. **multi-centennial** [MPL15]. **Multi-decadal** [DGS<sup>+05</sup>, HC15, HGM<sup>+11</sup>, LWL<sup>+24</sup>]. **multi-decade** [RP18]. **multi-dimensional** [DW15b]. **Multi-disciplinary** [BG09b]. **multi-frequency** [CLB13, LWSA08]. **multi-level** [DLB<sup>+11</sup>]. **Multi-model** [IHPA16, DBG<sup>+16</sup>]. **multi-nutrient** [SYS05]. **Multi-platform** [AML<sup>+19</sup>]. **multi-product** [MDI<sup>+12</sup>]. **multi-proxy** [PS05]. **Multi-satellite** [KLK<sup>+15</sup>, DKC<sup>+17</sup>]. **multi-scale** [NHS<sup>+13</sup>, SSB<sup>+06</sup>]. **multi-sensor** [ZKSS06]. **multi-ship** [WHNS04]. **multi-species** [CLQ<sup>+18</sup>, HIA<sup>+16</sup>, LSHB09, MPH<sup>+16</sup>, OCT<sup>+19</sup>]. **Multi-stressors** [ZHX<sup>+16</sup>]. **multi-year** [JVDH08]. **multibeam** [DDB<sup>+17</sup>, NDE14, PGM<sup>+15</sup>]. **Multidecadal** [HGB<sup>+13</sup>, MKW11]. **Multidisciplinary** [Ano06c, ROBV<sup>+18</sup>, ROB<sup>+17</sup>, RGL06b]. **multinational** [WHNS04]. **multiparameter** [FGH<sup>+13b</sup>]. **multiparametric** [SGP<sup>+11</sup>]. **Multiple** [DCC<sup>+13</sup>, MPC99, RHW04, RDC<sup>+18a</sup>, RDC<sup>+18b</sup>, BF14, GLF<sup>+03</sup>, HV03, KKMSM12, LDHO<sup>+14</sup>, MD17, WYT19]. **multiscale** [WLT20]. **Multiscaling** [SS05a, SS05b]. **multispecies** [UKM16]. **multivariate** [Dan95, HGB<sup>+13</sup>, HLC<sup>+16</sup>, PK03, YBHM05]. **Munida** [CNM17]. **Munidopsis** [CNM17, CRT<sup>+00</sup>]. **Munitions** [BKS<sup>+16</sup>, ESW<sup>+16</sup>, Mah16, SC16, BSE<sup>+16</sup>, BSSE16, EB16, EFR<sup>+16</sup>, GK16, KSDE16, KGB16, TD16]. **Munnogonium** [GM22]. **munnopsid** [MB07a]. **Munnopsidae** [EGMB13, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, MB18, MG22]. **munnopsoid** [RMBW07]. **Munnopsurus** [EWP<sup>+99</sup>]. **murre** [WTI<sup>+20</sup>]. **murres** [KIM08, RDBP14, RRK<sup>+20</sup>, TMH<sup>+08</sup>]. **musculus** [BRG17]. **Mussel** [BCB<sup>+18</sup>, BPR<sup>+10</sup>, FR10]. **mussel-** [FR10]. **mussels** [XSL<sup>+17</sup>]. **mustard** [KCTG16]. **mustard-filled** [KCTG16]. **Mycale** [LPAR24]. **Mycobiota** [BEZ<sup>+22</sup>]. **myctophid** [BOB20, BTR20, KBSS93, KMD<sup>+11</sup>, VVM<sup>+12</sup>]. **Myctophum** [WZC<sup>+19</sup>]. **mykiss** [WWB04]. **Myodocopa** [CB18]. **Myoxocephalus** [GNB<sup>+17</sup>]. **Myrs** [ITK<sup>+16</sup>]. **mysticetus** [OCP18]. **Mytilus** [BCB<sup>+18</sup>, BMB<sup>+18</sup>].

**N** [Ano97b, CJM<sup>+22</sup>, HLF08, MWB<sup>+09</sup>, SW08, WTWC07, AM15, KBR18, MM15, SS13a, UC13, VK04, WST15, AMN<sup>+02a</sup>, ADV<sup>+01</sup>, ARB<sup>+13</sup>, AAB<sup>+97</sup>, Bae11, BSSK<sup>+08</sup>, BZvHH00, BDNS03, BOP95, CKH<sup>+05</sup>, CWB02, CMT93, CCK<sup>+16</sup>, CHG15, CSCP13, CLJ<sup>+13</sup>, CSS<sup>+02</sup>, CM99b, DMJ93, DVPR06, DBMI17, DJR<sup>+01</sup>, FSL<sup>+01</sup>, FUGG<sup>+09</sup>, FDC<sup>+18</sup>, GS06b, HFK<sup>+02</sup>, HM93, HWS<sup>+13</sup>, INTS02, JWS01, JHHK14, KEPZ93, KW00, KTP<sup>+05b</sup>, KHH<sup>+17</sup>, LKC96, LAJP13, LDFS93, LBB11, MBW<sup>+03</sup>, MH93, MHA<sup>+01</sup>, MHFM15, MJG<sup>+13</sup>, MSJS08, MGK<sup>+17</sup>, MNPT06, MTMK<sup>+13</sup>, MSNL09, MGC<sup>+14</sup>, MQACB08, MMG98, OLG<sup>+01</sup>, PVK<sup>+20</sup>, PHD<sup>+18</sup>, Pfa93, PDB<sup>+20</sup>, RLP<sup>+98</sup>, ROPB03, RBJW16, RWL<sup>+93</sup>, STN<sup>+09</sup>, SFV<sup>+98</sup>, SLB13a, SHR02, SBN<sup>+15</sup>, SBS<sup>+02</sup>, SZB<sup>+19</sup>, TWN<sup>+06</sup>, TCJ<sup>+11</sup>, TNIW02, WMH<sup>+07</sup>, WWW<sup>+02</sup>, Yu03, ZBvH<sup>+00</sup>, ZHK<sup>+05</sup>, ZSB01]. **N\*** [PDA<sup>+20</sup>]. **N-anomaly** [WTWC07]. **N**. [HTD00, HT01, QW15]. **N.E.** [LK98]. **n.sp** [BBAL<sup>+20</sup>, BG10]. **N.W.** [AMH<sup>+01</sup>]. **N** [?] [Morales:2014:EPO, Rau:2003:LND]. **N/Si** [CSS<sup>+02</sup>]. **NABE** [GG95]. **Nacella** [GWDP11]. **NAFs** [PSP<sup>+09</sup>]. **Naked** [VB98]. **Namibia** [Ber24, Grü99, HZS00]. **Namibian** [CCG04]. **nannofossil** [ID19]. **nannoniscid** [BBT<sup>+18</sup>]. **Nannoniscidae** [KBK<sup>+18</sup>]. **nannoplankton** [HPN<sup>+12</sup>, TTA<sup>+16</sup>]. **Nano** [GGH98, CAGL13, DCM<sup>+99</sup>, DMC<sup>+01</sup>, THZ06]. **Nano-** [GGH98, DCM<sup>+99</sup>, DMC<sup>+01</sup>, THZ06]. **nano-plankton** [CAGL13]. **nanoflagellate** [LHZJ13]. **Nanoflagellates** [TB98, LHZ<sup>+16</sup>, LLS<sup>+19</sup>, SIFS10, TR02]. **Nanomia** [RRS<sup>+98</sup>]. **nanomolar** [WR01]. **nanoparticulate** [Rai11]. **nanophytoplankton** [STF09, SF10]. **Nanoplankton** [SLS11, VBC<sup>+95</sup>, DB97a, DO96, LLT<sup>+00</sup>, RNR20]. **Nanoprotozooplankton** [Bec97]. **nanozooplankton** [GVD<sup>+97</sup>]. **Nansen** [Ano96f, CHL<sup>+95</sup>, RAB<sup>+17</sup>]. **Nantucket** [AGD96]. **narrow** [BCT21, WYL<sup>+20</sup>]. **narrow-band** [BCT21]. **narrow-barred** [WYL<sup>+20</sup>]. **NASA** [PPF<sup>+15</sup>]. **nascent** [SFV<sup>+98</sup>]. **natal** [SCH<sup>+19b</sup>]. **National** [CGG<sup>+12</sup>, DAN23, HD17]. **national/quasi** [DAN23]. **national/quasi-national** [DAN23]. **Nations** [PH19]. **Native** [RHD<sup>+18</sup>]. **Natural** [CHL<sup>+95</sup>, HPK<sup>+97</sup>, PSL07, RVC<sup>+13b</sup>, WBM96, AAG06, AFC<sup>+17</sup>, AGW<sup>+13</sup>, BBM<sup>+08</sup>, BDM<sup>+03</sup>, BSL08a, BQT08, CGSZ13, CDM<sup>+16</sup>, EWBW99, FGH<sup>+13a</sup>, GPMS<sup>+16</sup>, Hei02, LB98b, LXS<sup>+13</sup>, MMT08, MHK<sup>+03</sup>, MSH<sup>+07</sup>, MHP<sup>+07</sup>, MC13, NOFP14, OCL<sup>+08</sup>, OJK<sup>+10</sup>, PKA05, RFB97, SVC<sup>+08</sup>, STJ<sup>+08</sup>, SI09, TVLB08, WPB<sup>+16</sup>, WCSA<sup>+16</sup>, Ano96f]. **Naturally** [HRM<sup>+18</sup>, ACBMQ08, COV<sup>+08</sup>, JBM<sup>+08</sup>, LSS<sup>+07</sup>, MQACB08, SLS<sup>+07</sup>, TDC08]. **Nature** [GPBV<sup>+07</sup>, SJSI00, GMC<sup>+12</sup>, PJLO<sup>+17</sup>, PPL<sup>+19</sup>, TPT05]. **nature-based** [PJLO<sup>+17</sup>]. **nauplii** [IAA96]. **Navier** [CJ19]. **navigation** [KR11]. **Navy** [WJR<sup>+16</sup>]. **Nazaré** [GdSP11, GSdS<sup>+14</sup>, MPV<sup>+11</sup>, MHdS<sup>+11</sup>, OPV11, vOSG<sup>+11</sup>]. **NC** [SSV02]. **NCAR** [CCL<sup>+14</sup>, VNBW18]. **NCAR-CCSM4** [VNBW18]. **NCOM** [WJR<sup>+16</sup>]. **Nd** [ATN<sup>+12</sup>, SHWW22, WCL<sup>+15b</sup>]. **NE-Atlantic** [CBW01]. **Neanthes** [SSAL<sup>+17</sup>]. **Near** [ABS<sup>+14</sup>, BTRL99, CMH<sup>+20</sup>, DIM<sup>+12</sup>, DL01, EBG<sup>+11</sup>, HvH04, LNJ<sup>+00</sup>,

LB96, MPMD<sup>+06</sup>, MPV<sup>+11</sup>, SRB<sup>+11</sup>, ZL23, ASBM02, BEC<sup>+96</sup>, BLO04, BvWR<sup>+20</sup>, BSS<sup>+00</sup>, BW99b, BRSB16, CW22, CB09a, CKY23a, CKY23b, CRR01, CDM<sup>+16</sup>, CP02, DURP03, DKP<sup>+14</sup>, DT03, Eif05, EWP<sup>+99</sup>, FG07, GBL<sup>+08</sup>, GSB<sup>+23</sup>, GW98, HMS<sup>+13</sup>, HHH01, IGP<sup>+06</sup>, JW05a, JW05b, KM98, KHL<sup>+15</sup>, KTP<sup>+05b</sup>, LGHD20, LWSZ13, LCE<sup>+23</sup>, LDX<sup>+23</sup>, MDTS08, MS06b, MYL<sup>+98</sup>, MK19, NLHB01, NSMBN08, OM14, PH17, PPB<sup>+22</sup>, PTA<sup>+99</sup>, RPB02, RMB05, SA15a, SHA02, SMS20, SBS<sup>+02</sup>, TRM<sup>+07</sup>, TVLB08, TD16, VPS97, YAS<sup>+93</sup>, YLG<sup>+18</sup>, YSHS08, Zim09]. **Near-bed** [HvH04, Zim09]. **Near-bottom** [ABS<sup>+14</sup>, CMH<sup>+20</sup>, EBG<sup>+11</sup>, LNJ<sup>+00</sup>, MPV<sup>+11</sup>, BRSB16, EWP<sup>+99</sup>, KM98, MDTS08, SHA02, SMS20]. **Near-field** [SRB<sup>+11</sup>]. **Near-inertial** [ZL23, CW22, KHL<sup>+15</sup>, LDX<sup>+23</sup>]. **near-shore** [CB09a, KTP<sup>+05b</sup>]. **Near-surface** [BTRL99, DL01, LB96, MPMD<sup>+06</sup>, BSS<sup>+00</sup>, Eif05, HHH01, JW05a, JW05b, NLHB01, PTA<sup>+99</sup>, RMB05, YAS<sup>+93</sup>]. **near-synoptic** [DT03]. **nearby** [LRL<sup>+22</sup>]. **Nearshore** [VLK06, BWOR22, CTCD05, GKGW22, OSHB07]. **Nearsurface** [HV98]. **Neastacilla** [GMB18]. **Nebalia** [HRS<sup>+23</sup>]. **nebulosus** [BBB<sup>+01</sup>]. **need** [MDS<sup>+16</sup>, SZB<sup>+19</sup>]. **needed** [Pri06]. **nekton** [CM00, FVW08, LTW<sup>+22</sup>, SS02, ZWJ<sup>+19</sup>]. **Nematoda** [IBK<sup>+11</sup>, MM15, MFS<sup>+23</sup>]. **Nematode** [CLH<sup>+00</sup>, DCC<sup>+13</sup>, FM13, GK16, HZYZ10, LRN<sup>+14</sup>, LdSN<sup>+18</sup>, PGZ<sup>+09</sup>, SRDV07, SSI19, TMP<sup>+13</sup>, 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>+14</sup>]. **NEPTUNE** [JMM<sup>+13</sup>, RBXM15]. **Nereididae** [SSAL<sup>+17</sup>]. **neritic** [GZZC10, LZC<sup>+16</sup>]. **nested** [HHD<sup>+09</sup>]. **nesting** [EQW<sup>+13</sup>, RDBP14]. **Net** [BDO00, DBN<sup>+11</sup>, IIM02, LR97, MBHB09, MCL<sup>+12</sup>, Ano97c, BBH05, BSS<sup>+00</sup>, BGKB06, BL06, CCW<sup>+08</sup>, CMB12, CJM<sup>+22</sup>, ECS<sup>+17</sup>, GWP<sup>+98b</sup>, HSY08, KGE<sup>+04</sup>, LDHO<sup>+14</sup>, LMM<sup>+97</sup>, MLK<sup>+12</sup>, MLS<sup>+15</sup>, RJB<sup>+04</sup>, RIBW99, SFW08, SRF<sup>+09a</sup>, SSP<sup>+06</sup>, SHC<sup>+00</sup>, TSW<sup>+09</sup>, TGFP02, MPH<sup>+22</sup>]. **net-collected** [HSY08]. **net-sampling** [GWP<sup>+98b</sup>]. **Netherlands** [VHS97]. **NetTrap** [PFW<sup>+09</sup>]. **Network** [FH09, Pas18, RDL<sup>+09</sup>, DBL<sup>+19</sup>, JMM<sup>+13</sup>, MXC15, RDC<sup>+18a</sup>, RDC<sup>+18b</sup>, TBSP<sup>+18</sup>, HLR<sup>+09</sup>]. **Network-II** [HLR<sup>+09</sup>]. **networks** [CB09b, OM16, VS10]. **neural** [OM16]. **neuston** [GPCT23]. **Neutral** [EW99, HHP<sup>+96</sup>, KC03, KMD<sup>+01</sup>]. **neutrally** [Gou05]. **Newfoundland** [DPK<sup>+14</sup>, DKP<sup>+14</sup>, PDK<sup>+14</sup>, DTJ<sup>+14</sup>, HS07, SRFR07]. **Newly** [DLG<sup>+14</sup>, GZGH22, LJL<sup>+12</sup>, MCH<sup>+13</sup>, SDGH14]. **newly-formed** [GZGH22]. **newmani** [BGMH01]. **next** [SPW<sup>+22</sup>]. **Nezumia** [FARLR<sup>+13</sup>]. **Ni** [NOT<sup>+09</sup>, NEN<sup>+07</sup>]. **niche** [BSR<sup>+18</sup>, CDRB16, FJF<sup>+11</sup>, LZM<sup>+13</sup>, NCSO13, PKHH17, WWHT20]. **niches** [HSZS17]. **nickel** [AV97]. **Nile** [GPBV<sup>+07</sup>]. **Niña** [DABMAMA04, KT02, SVAGRCS04]. **nine** [PKHH17]. **Nineteen** [TTA<sup>+16</sup>]. **Nineteen-year** [TTA<sup>+16</sup>]. **Ninetyeast** [WJ02]. **Ningaloo** [DCL<sup>+21</sup>]. **Ninh**

[NCT13]. **Niño**

[HC15, MMH<sup>+08</sup>, BSL<sup>+96</sup>, DABMAMA04, DVCG<sup>+12</sup>, DCL<sup>+21</sup>, DQC95, EDF<sup>+04</sup>, FWG<sup>+97</sup>, HMW00, HCHD09, KF95, KM95, KC00, KC04, MPG<sup>+97</sup>, MGNB96, ÑB04, ONSSVGR04, SVAGRCS04, WPJW96, WZW<sup>+95</sup>, WC02].

**Niño/Southern** [MMH<sup>+08</sup>]. **niphonius** [LTL<sup>+23</sup>]. **Niskin**

[ETP<sup>+16</sup>, LCL<sup>+09</sup>]. **Nitrate** [CC03, KLTS13, RR96, SMB<sup>+93</sup>, WCB98, ARF<sup>+13</sup>, BFT<sup>+97</sup>, CTGD08, CLB96, CHH19, DVS<sup>+97</sup>, DBN<sup>+11</sup>, DSvR<sup>+18</sup>, ESK<sup>+23</sup>, GRSW00, HLNO96, JML08, JCD<sup>+03</sup>, KIIW03, KEPZ93, KNB11, LGF03, MQ01, MBC<sup>+20</sup>, MFM<sup>+18</sup>, OENB01, PC00, RLP<sup>+98</sup>, RT14, RWJ06, RTI<sup>+16</sup>, SVS93, SRF09b, SKMS08, TYBY06]. **Nitrate-based** [CC03].

**nitrate-reducing** [MFM<sup>+18</sup>]. **nitrate/phosphate** [DVS<sup>+97</sup>]. **Nitric**

[LAMLB18]. **Nitrification** [BFT<sup>+97</sup>, SGD14b]. **Nitrite** [DK96, LZB96].

**Nitrogen**

[AF01, CB01, FML<sup>+93</sup>, HMGD17, LGP<sup>+15</sup>, LSS<sup>+07</sup>, MBNB<sup>+08</sup>, MGN99, RI05, Sam01, WAPL95, WO99, AML01, Arm06, BRG<sup>+19</sup>, BLM<sup>+10</sup>, BH19a, BFM<sup>+14</sup>, BCP<sup>+15</sup>, CTGD08, CDP<sup>+02</sup>, ÇYAYT06, CML<sup>+09</sup>, DZBR95, DRH<sup>+09</sup>, DJR<sup>+01</sup>, FGU04, HC01, HWTP07, HWP<sup>+07</sup>, HBCO01, HSM<sup>+01b</sup>, JJVH18, KLL03, KBD<sup>+01</sup>, KCZ<sup>+19</sup>, Kli09, KNC<sup>+09</sup>, Lip01, MFG<sup>+93</sup>, MFG<sup>+04</sup>, MTMK<sup>+13</sup>, MGC<sup>+14</sup>, NMH<sup>+06</sup>, NMS09, OBM<sup>+93</sup>, PWD<sup>+11</sup>, PHD<sup>+18</sup>, PKA05, RLP<sup>+98</sup>, ROPB03, RJWD01, RWR<sup>+02</sup>, RTI<sup>+16</sup>, RCF<sup>+16</sup>, SM00, SFW08, Sot09, SZB<sup>+19</sup>, TLKT00, TDC08, TWPP07, VS99, WPG<sup>+07</sup>, WB01, WWH97, WCY05, WWC<sup>+99</sup>, WYW<sup>+02</sup>, WCWW99, YOI<sup>+09</sup>].

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

**nitrogenous** [CBC02, VH99]. **Nitrous**

[BKP<sup>+19</sup>, CFV<sup>+18</sup>, DH97, FUGG<sup>+09</sup>, LL01, WYPY06, JBR<sup>+18</sup>]. **nitzschia** [DRVVS<sup>+14</sup>, FHR<sup>+14</sup>, SZM10]. **No**

[KSB<sup>+03</sup>, MSB<sup>+03</sup>, ZSL15, LAMLB18, MBL<sup>+15</sup>, PHD<sup>+18</sup>]. **NOAA-11**

[FCP99]. **Noah** [KND<sup>+08</sup>]. **Nobuo** [YFY<sup>+10</sup>]. **nodosum** [RSdV<sup>+09</sup>].

**nodule** [BGOL01, GBO01, OBRJ01, TTU01]. **nodules**

[AS01a, MvSHD01, SSI19]. **noise** [EF98, SLD<sup>+13</sup>, UW99]. **non**

[CWSH20, CDJM04, GBJ<sup>+15</sup>, LMLC<sup>+17</sup>, MPG<sup>+97</sup>, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MMSS14, OCG<sup>+09</sup>, PFAZL09, SLS<sup>+09</sup>, SAVP12, SM96a, VPdP06].

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

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

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

**non-terrestrially** [MMSS14]. **non-tuna** [LMLC<sup>+17</sup>]. **non-uniform**

[GBJ<sup>+15</sup>]. **non-upwelling** [CDJM04, MAA<sup>+04</sup>, MAA<sup>+05</sup>]. **nonbreeding**

[SBA18]. **Nonhydrostatic** [WZZ<sup>+23</sup>]. **nonlinear** [Bas19]. **nonlocal**

[TSWJ12]. **nontoxic** [BKS<sup>+10</sup>]. **Nontronite** [LCK<sup>+18</sup>].

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

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

**normalized** [ZSZ<sup>+19</sup>]. **North**

[AAG02, ASBM02, Bat01, BH94, Bla94, BAC<sup>+15</sup>, BSS15, CLT94, CMBPM04, CGPM13, CDL94, DFF02, DCR94, DH93, FS05, FCW<sup>+15</sup>, FDC<sup>+18</sup>, GAC<sup>+02</sup>,

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

**North** [BLG11, BHAL13, BHLS15, BG10, BSW<sup>+13</sup>, BLS<sup>+08</sup>, BJ15, BTS<sup>+08</sup>, ÇYB<sup>+18</sup>, CHN<sup>+10</sup>, CTGD08, CAGL13, CB18, CK24, COJ<sup>+09</sup>, CMAO<sup>+12</sup>, CMT93, CSH<sup>+13</sup>, CPH01, CNM17, CWdE99, DMJ93, DDN<sup>+04</sup>, DKT<sup>+01</sup>, DSK<sup>+13</sup>, DPLB94, DJS<sup>+08</sup>, DB16, DFA<sup>+20</sup>, DCK01, DRS10, DKJ13, Dri09, DSW20, DKQ<sup>+93</sup>, DFMG01, FMZ15, FBS94, FSL<sup>+01</sup>, FD01, FS02, FKH13, Fre13, GOD<sup>+01</sup>, GWR93, GG93, GPÇ18, GdRGLS04, GHM02, HdVGHM02, Ham07, HTTS12, HSS<sup>+12</sup>, HWM02, HHH<sup>+93</sup>, HAH<sup>+01</sup>, Har94, HTK<sup>+10</sup>, Hat02a, Hat02b, HH93, HK01, HK07, HYK<sup>+02</sup>, HFK<sup>+02</sup>, HS93, HIN<sup>+02</sup>, HM93, HLL<sup>+09</sup>, HWJ20, HD02, INTS02, IBB<sup>+02</sup>, JZ93, JWS01, JPM99, KBL01, KH02, KKH<sup>+02</sup>, KSBK01, KD13, KT06, KY17, KLM<sup>+02</sup>, KEPZ93, KD01, KST<sup>+99</sup>, KFS<sup>+10</sup>, KMS<sup>+02</sup>, KKNH02, LPD<sup>+17</sup>, LBV<sup>+08</sup>, LBL08, LPA<sup>+17</sup>, LML<sup>+01</sup>, LMG93, LDHI93].

**North** [LH01, LH08, LKL<sup>+13</sup>, LWC05, LS18, LL13, LTS<sup>+13</sup>, LSC02, LN01, LLM<sup>+02</sup>, LGB13, MTGY05, MR01, MPL15, MA05, MLG<sup>+02</sup>, MKD<sup>+20</sup>, MTT<sup>+12</sup>, MNB02, MM15, MYE<sup>+02</sup>, MRD13, MMD15, MWB<sup>+09</sup>, MST<sup>+14</sup>, MHM<sup>+14</sup>, MKS<sup>+02</sup>, NHS<sup>+09</sup>, NOT<sup>+09</sup>, NMK<sup>+20</sup>, OHK<sup>+02</sup>, ONRW10, OYK15, OKY<sup>+17</sup>, OBWK01, OTH05, PBFS06, PK08, PKR<sup>+01</sup>, PDA<sup>+17</sup>, PWB<sup>+06</sup>, PB08, PPM02, PDY20, RAC<sup>+20</sup>, RLD<sup>+15</sup>, RWR<sup>+02</sup>, RvAH10, RR10, ROL<sup>+15</sup>, RKHK<sup>+11</sup>, RH94, RSB<sup>+15</sup>, RFF<sup>+02</sup>, RDFS WV99, RWL<sup>+93</sup>, RCM<sup>+17</sup>, RSP<sup>+98</sup>, SBCH02, SSH<sup>+02</sup>, SL94, SW09, SH00, SAA<sup>+17</sup>, SWB<sup>+09</sup>, SBBP<sup>+15</sup>, SRDV07, SNIT02, SRBR05, SVS93, SLB13a, SGL99, SS99a, Ste04, SCWK08, SMGB02, SKKM20, SB98, SLB13b, SBG<sup>+06</sup>, SS13b, TTLP06, TBA<sup>+02</sup>, TRB98, TCJ<sup>+11</sup>, TdFAL19, TS10, TMP<sup>+13</sup>, TGFP02, TBB<sup>+08</sup>, TLP<sup>+19</sup>, TNIW02, TRM<sup>+15</sup>, VKG93, VALM17, VSS<sup>+93</sup>, VCRDF99, WLM23].

**North** [WB01, WR09, WABW02, WBBM01, WBML06, WTZ02, WSB08, WYW<sup>+02</sup>, WWN<sup>+02</sup>, WWW<sup>+02</sup>, WSP19, WR15, WSLC15, YWI<sup>+02</sup>, YK16, YCN<sup>+10</sup>, YWW23, YQMB20, YKO15, You10, ZKSS06, ZNM<sup>+02</sup>, ZPT<sup>+13</sup>, ZFA<sup>+02</sup>].

**North-Anatolian** [GPÇ18]. **North-Atlantic** [LPD<sup>+17</sup>]. **north-central** [MPS<sup>+21</sup>, RQRVM10]. **North-East** [GAHD<sup>+17</sup>, ZBC<sup>+13</sup>, BW04, EHL02, HLL<sup>+09</sup>, RCM<sup>+17</sup>]. **north-eastern** [LAÁ<sup>+14</sup>]. **north-south** [VKG93]. **north-west** [KB95, SG99].

**north-western** [Ala13, BG08, LLD<sup>+17</sup>, LSA14, CB18, FMZ15, LPA<sup>+17</sup>, MM15, TMP<sup>+13</sup>].

**Northeast**



[CD99, DLR<sup>+01</sup>, DCM<sup>+99</sup>, DOB<sup>+01</sup>, EAF<sup>+17</sup>, LCL<sup>+98</sup>, MTB09, NHH<sup>+13</sup>, PGPI<sup>+13</sup>, RRL<sup>+14</sup>, SOS01, WJD<sup>+00a</sup>, WLC99, Ake19, BLSW05, BB09, BCS99, BTRL99, BT15, CMB99, DP99, GRWW01, GMMS05, HCHD09, HDW<sup>+20</sup>, JPSB93, KPML20, LGHD20, LNJ<sup>+00</sup>, LSdC<sup>+10</sup>, MC05, MH93, MLP<sup>+10</sup>, MD14, MRMP09, PPA10, PLS<sup>+10</sup>, PHS17a, PP93, PFC19, PSE<sup>+93</sup>, PDB<sup>+20</sup>, RSR05, RMG<sup>+23</sup>, SLDL93, SGJ<sup>+20</sup>, VS99, WH01a, Wei99, WR01, WCWW99, AGL<sup>+19</sup>, BMP<sup>+09</sup>, BDL<sup>+14</sup>, BT04, BOH<sup>+04</sup>, CMW<sup>+05</sup>, CMH<sup>+20</sup>, DGR19, GDA<sup>+15</sup>, KRF01, KRG<sup>+01</sup>, LSM<sup>+06b</sup>, MGN99, MDG13, MG13, MLS<sup>+06</sup>, OUJ<sup>+19</sup>, SA14, SLCLC<sup>+24</sup>, SMH<sup>+06</sup>, SCD14, SDB<sup>+18</sup>, SFG98, SMB<sup>+98</sup>, SHM<sup>+20</sup>, VCO<sup>+15</sup>, VSFF09, WJD<sup>+00b</sup>, WMM02].

**Northeastern** [GWL<sup>+15</sup>, ACQ<sup>+08</sup>, BGIJ<sup>+06</sup>, BMGF93, BF14, BGH<sup>+19</sup>, BEJS93, CAJE15, DKT<sup>+01</sup>, DFA<sup>+20</sup>, DGT14, EWP<sup>+99</sup>, FHT<sup>+14</sup>, FTT<sup>+17</sup>, GSW99, GCI<sup>+01</sup>, GNB<sup>+17</sup>, HdMR<sup>+99</sup>, HNRGL06, JLK03, KLČ<sup>+19</sup>, LRDS18, MBHB09, MSM10, PUP<sup>+07</sup>, PVK<sup>+20</sup>, RH99, RKTG14, SGD14b, TTCD14, VH99, WBA<sup>+17</sup>, WFW<sup>+17</sup>, WOU06, YCD<sup>+06</sup>, YBC<sup>+17</sup>, ZLZ<sup>+15</sup>, BFS<sup>+17</sup>, CPH01, DL01, ZBvH<sup>+00</sup>].

**No}rthern**  
[WPL<sup>+15</sup>, Won15, WKLM15, Ano05c, KOLA<sup>+18</sup>, KGdC<sup>+18</sup>, NBBBT13, dCHdOF<sup>+18</sup>, AML<sup>+19</sup>, ALHP18, AST<sup>+05</sup>, AVS<sup>+20</sup>, AHV<sup>+17</sup>, ASN<sup>+02</sup>, ABC<sup>+05</sup>, AGAB19, AKI<sup>+16</sup>, BFD<sup>+23</sup>, BKP<sup>+19</sup>, BPC05, BMS99, BSSK<sup>+08</sup>, BFB<sup>+18</sup>, BAF<sup>+18</sup>, BPR<sup>+10</sup>, BMT20, BTLC98, CRJ<sup>+08</sup>, CA06a, CDG00, ILCCC07, CG07, CSG<sup>+15</sup>, CLSS15, COJ<sup>+09</sup>, CSL<sup>+07</sup>, CM00, CMW<sup>+08</sup>, CMC<sup>+05</sup>, CJF<sup>+12</sup>, CSG<sup>+13</sup>, CGG<sup>+19</sup>, CP05, CBK<sup>+07</sup>, CHH19, CBK<sup>+22</sup>, DW15a, DEL<sup>+17</sup>, DHM<sup>+22</sup>, DNH<sup>+02</sup>, DC08, EQW<sup>+13</sup>, EHK09, EPPR09, FMC<sup>+20</sup>, FJR<sup>+20</sup>, FR10, FC15, FCG18, FK98, FKS18, FS02, FAMY20, GMT<sup>+09</sup>, GPMZ<sup>+10</sup>, GGH98, GMD07, GPF16, GGDF08, GGC19, GQ09, HDK08, HdVGHM02, HTTS12, HT17, HCZ<sup>+07</sup>, Hat02a, Hat02b, HBC<sup>+23</sup>, HCG<sup>+09</sup>, HH20, HK07, HLS<sup>+02</sup>, HK08, HSY08, HFL<sup>+15</sup>, HZ19, HHX<sup>+10</sup>, JRKR19, JWO<sup>+09</sup>, JBC<sup>+21</sup>, Jen03, JBS<sup>+98</sup>, KAI21, KJL<sup>+17</sup>, KLTS13, KLY<sup>+15</sup>, KAM<sup>+20</sup>, KY17].

**northern**  
[Kli09, KLD21, KVL<sup>+19</sup>, LSC05, LLR<sup>+06</sup>, LJJ<sup>+17</sup>, LBM09, LDGH16, LSH<sup>+24</sup>, LKH<sup>+07</sup>, LLG<sup>+16</sup>, LBM<sup>+20</sup>, MSH10, MMY<sup>+20</sup>, MSRM14, MMS<sup>+16</sup>, MTK<sup>+18</sup>, MBW<sup>+08</sup>, MF09, MSK<sup>+19</sup>, MCS<sup>+09</sup>, MHG<sup>+17</sup>, NSKG96, NDE14, NHD11, NVBJ08, NHS<sup>+13</sup>, NCE<sup>+23</sup>, NSWY20, NYH<sup>+20</sup>, NSBL94, NBCT13, OCT<sup>+19</sup>, OGBF08, PW15, PBS06, PNLFS02, PNLFS03, PG18, PK03, PKZ93, PZP93, PDC<sup>+21</sup>, RHD<sup>+11</sup>, RSR05, RCW<sup>+15</sup>, RSL05, RMB05, RB06, RRWR08, RWRS08, RFJ10, RSH10, Roy05, RBS<sup>+17b</sup>, SMA<sup>+17</sup>, SCL<sup>+04</sup>, Sam01, SMR<sup>+06</sup>, SBM<sup>+18</sup>, SMB02, SNIT02, SRBR05, SZH20, SMB<sup>+17</sup>, SPEPS18, SBB06, SR08b, SCB<sup>+16</sup>, SFK<sup>+12</sup>, SBC<sup>+16</sup>, SBB<sup>+19</sup>, SMGB02, SMGB03, SHY<sup>+08</sup>, SNW08, SCSMT20, SB05, SESS08, SZB<sup>+19</sup>, TOSH08, Tho24, TLR<sup>+00</sup>, TTD13, TAB<sup>+05</sup>, UKJ<sup>+20</sup>, UC13, VLK06, VSM17, VHT<sup>+20</sup>, WRZ<sup>+19</sup>, WZZ<sup>+19</sup>, WCB08, WAK<sup>+12</sup>, WABW02, WC01b, WC07b].

**northern** [XZM<sup>+23</sup>, YXC<sup>+19</sup>, YZZ<sup>+19</sup>, YSC<sup>+20</sup>, YKY<sup>+07</sup>, YLK<sup>+15</sup>, ZNM<sup>+02</sup>, ZZY<sup>+19</sup>, ZLW<sup>+19</sup>, ZWQ<sup>+19</sup>, ZSZ<sup>+19</sup>, ZTZB09, ZTZ09, vCO09, BSMV03, BMHR08, BMOW09, BCB<sup>+18</sup>, BHSJ16, BLSS10, CBV<sup>+16</sup>, Dau18,

DTWF17, DDL06, DBC<sup>+19</sup>, FS05, GHGMI05, GCCG13, GBP00, GW15, HCAK17, HPY<sup>+15</sup>, HWS<sup>+07</sup>, HWC07, ITMG18, KMMS18, KF01, KCL20, KRG<sup>+01</sup>, LMM<sup>+17</sup>, LGK15, LAGK<sup>+18</sup>, LCT<sup>+07a</sup>, LRM<sup>+02</sup>, LSL<sup>+15</sup>, MSD<sup>+18</sup>, MB08, MdSLH13, OMAA18, PWITH15, PRDF08, PRP15, PdBK<sup>+03</sup>, RRRMM05, RBP<sup>+05</sup>, SC10, SGW<sup>+15</sup>, SSR<sup>+14</sup>, SAB<sup>+07</sup>, VLR<sup>+02</sup>, WC01a, WWcW<sup>+15</sup>, XGL15, YK16]. **northward** [AKK<sup>+17</sup>, SYT<sup>+10</sup>]. **northward-propagating** [SYT<sup>+10</sup>]. **Northwest** [AP22, Bau02, BDWG02, CFK15, CHV09, HF21, KCM<sup>+14</sup>, LBV<sup>+08</sup>, LGP<sup>+03</sup>, LLLP<sup>+03</sup>, OKH<sup>+22</sup>, REWH11, SA18, SLH<sup>+00</sup>, SSI<sup>+09</sup>, SCM<sup>+09</sup>, TSMS09, BSCE15, BEM<sup>+15</sup>, BOJ<sup>+10</sup>, CAMA<sup>+02</sup>, DVS<sup>+14</sup>, DJ15, LTF<sup>+19</sup>, MHK<sup>+03</sup>, SM15, SJST13, TGLN93, WSM<sup>+22</sup>]. **Northwestern** [FHR<sup>+14</sup>, AYMSAS19, AKK<sup>+17</sup>, Avr02, AAL<sup>+17</sup>, BZ20, BCM02, BBV00, BMO93, BLOM93, CB97, CSL<sup>+22</sup>, CDS96, CC13, CHT<sup>+13</sup>, CMA<sup>+09</sup>, CMK<sup>+18</sup>, CMC<sup>+02</sup>, DGR19, Duc93, EMW<sup>+08</sup>, FML<sup>+93</sup>, GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>, GG02, GCN<sup>+97</sup>, HIN<sup>+02</sup>, HSD04, KWN<sup>+09</sup>, KMA<sup>+18</sup>, KBV<sup>+97</sup>, KMS<sup>+02</sup>, KKNH02, LPW<sup>+09</sup>, MC02, MGMP02, MSM<sup>+02</sup>, MPHf02, MKS<sup>+02</sup>, NSY04, OTOH05, OTH05, OBM<sup>+93</sup>, PHOM09, PLdL97, SHA02, TLMT97, WXL<sup>+23</sup>, WO99, WST15, Wei99, YCN<sup>+10</sup>, ZKSS06, Zon97, ZEGB97, Ang10, BFDB17, SA15a, TSB<sup>+14</sup>, ZSLL15]. **Norway** [SSR<sup>+14</sup>]. **Norwegian** [Mun16, PTP09, RPB99, ST07, AMTE09, BM07, BMK09, KBFH14, LD07, Mun14, PTS01, Pro09, VSFF09, YD09, ZTZB09, ZTZ09]. **nose** [PSE<sup>+93</sup>]. **NoSoCS** [WPL<sup>+15</sup>, Won15, WKLM15, PWITH15]. **note** [Ano03a, Ano03b, Bol08, KWF<sup>+19</sup>, LSC05, PBG07, PB08, PSY13]. **Notes** [Dau18, HC13, AM22b, CRT<sup>+00</sup>, DDAH<sup>+14</sup>, PP13, UFAK06]. **Notolepis** [RDW<sup>+22</sup>]. **Notopoma** [BVL04]. **notorcadensis** [CL06]. **notothenioid** [VPdP06]. **nov** [AM18, AM22a, BCNS15, CAK15, CP18a, GMB18, Gol18, GBBS00, MB07a, MGE13, MB18, QRE<sup>+17</sup>, SM15, Ste13, SC15, VWTK18]. **Nova** [Ano14, LPAR24, SSG14, DPK<sup>+14</sup>, DKP<sup>+14</sup>, DTJ<sup>+14</sup>, NLDJ14, PDK<sup>+14</sup>, WPW<sup>+14</sup>]. **novaeangliae** [BJK<sup>+22</sup>]. **Novaya** [SEN<sup>+95</sup>]. **Novel** [PFdSG11, BCN<sup>+17</sup>, SLS<sup>+07</sup>]. **November** [Ano19l, Ano99k, Ano21l, Ano22u, CCM15, KDG<sup>+97</sup>, SCC98, ZHB<sup>+07</sup>]. **nowcast** [CWL<sup>+23</sup>]. **nowcast/forecast** [CWL<sup>+23</sup>]. **NPZ** [HCG<sup>+09</sup>]. **NPZD** [DGR19]. **nucleotide** [BLBW<sup>+11</sup>, XSL<sup>+17</sup>]. **Nuculidae** [SW09]. **nudibranch** [VB98]. **number** [Gre08, SSM09]. **Numerical** [CA06a, HFKY05, JMW<sup>+20</sup>, LWGS00, MPI07, SHM<sup>+01</sup>, WL02, AS02b, Bas19, BKM07, BU05, CBF01, DGR19, EO02, FC01, GOC09, GMPS04, HKR<sup>+01</sup>, HBP<sup>+14</sup>, KB99, KRAS24, LFPC14, LCT<sup>+07b</sup>, LCL<sup>+10</sup>, LDX<sup>+23</sup>, MH93, MGMP02, MDM<sup>+13</sup>, MBS05, NYNK05, RSS01, SAK05, SESS08, STS<sup>+15</sup>, WDM<sup>+05</sup>, WSM<sup>+22</sup>, ZG15]. **nursery** [GSC<sup>+19</sup>, HSC<sup>+19</sup>, KHT<sup>+20</sup>, SCH<sup>+19b</sup>, SCH<sup>+19a</sup>, WCS07]. **Nutrient** [CRDP02, CK10, DVS<sup>+97</sup>, DCK01, DWHM06, FLMF07, HVWH09, JLR<sup>+13</sup>, KWH<sup>+05</sup>, KD00, LMA08, LH08, LLK05, MJW<sup>+06</sup>, RBN<sup>+08</sup>, STK02, STN<sup>+06</sup>, SDLZ13, SKF<sup>+10</sup>, SSH<sup>+00</sup>, WTWC07, WR01, dBC<sup>+09</sup>, ATS<sup>+96</sup>,

Ark13, Ber07, BMRP02, CBV<sup>+16</sup>, DLL<sup>+15</sup>, ERR97, GG95, GGT<sup>+02</sup>, HHH<sup>+14</sup>, HDD<sup>+11</sup>, HS98, HZS00, HHD<sup>+09</sup>, KSBK01, KCY<sup>+16</sup>, KLKB95, LML<sup>+01</sup>, LRM07, MPE<sup>+09</sup>, MR01, MDGF01, MCG<sup>+98</sup>, OT03, Qué13, RBA<sup>+01</sup>, RBS<sup>+17b</sup>, SMV<sup>+03</sup>, SMZ<sup>+08</sup>, SMS<sup>+07</sup>, SYS05, SHH03, SBC17, SKGD14, SF08, TVL<sup>+00</sup>, TDC08, TRB<sup>+19</sup>, WCH05, WJD<sup>+00a</sup>, WJD<sup>+00b</sup>, WWN<sup>+02</sup>, WPL<sup>+15</sup>, WRS99, WSB<sup>+09</sup>, ZAC<sup>+15</sup>, vGTG<sup>+00</sup>].

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

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

[BJB<sup>+06</sup>, ESK<sup>+23</sup>, KTP<sup>+20a</sup>, SF04, TMTR14, WWH97, AKH<sup>+02</sup>, Ano95b, Car07, CWS05, CPEN08, DWW<sup>+02</sup>, EWBW99, FJG<sup>+00</sup>, Fon96, GSK02, HdBB<sup>+02</sup>, HLM<sup>+01</sup>, KMT20, KC03, KN05, LN01, MY99, MLP<sup>+10</sup>, MCPA02, MSS<sup>+02</sup>, MLS<sup>+15</sup>, NKF<sup>+10</sup>, NMK<sup>+20</sup>, PFC19, PDE<sup>+16</sup>, QW15, SMY<sup>+98</sup>, SZG<sup>+13</sup>, SDKH03, SSP<sup>+06</sup>, SPD<sup>+11</sup>, SGD<sup>+03</sup>, TT01, TNIW02, WPW95, WLD<sup>+06</sup>, WWN<sup>+02</sup>, YKS<sup>+19</sup>, ZHD<sup>+08</sup>]. **nutrition** [CBC02, HWTP07, VH99]. **nutritional** [JH04, MBB<sup>+02</sup>]. **NW** [BFG<sup>+10</sup>, NKB<sup>+18</sup>, SAKP<sup>+22</sup>, SKS<sup>+23</sup>, ZB00, AFC<sup>+17</sup>, BFM<sup>+14</sup>, BGG<sup>+09</sup>, BFF<sup>+10</sup>, CMB02, DFJ18, EBB<sup>+08</sup>, FARLR<sup>+13</sup>, FB15, FEB<sup>+15</sup>, GLCU<sup>+17</sup>, GBSL98, HLM<sup>+01</sup>, IHSS<sup>+10</sup>, KNN<sup>+06</sup>, LG00, LGML00, Mar18, NFD<sup>+02</sup>, PSAY20, PLS<sup>+03</sup>, SGM<sup>+02</sup>, TGRB02, TR02, VAM97, VSC<sup>+11</sup>, WGW<sup>+19</sup>, vWDB<sup>+01</sup>]. **Nyctiphanes** [GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>]. **Nymphon** [ASMM11]. **Nymphonidae** [ASMM11].

**O** [dLWFB08, BDO00, CMB02, CMVS<sup>+10</sup>, CJM<sup>+22</sup>, DHW98, ECD<sup>+17</sup>, LLB<sup>+00</sup>, MBW<sup>+08</sup>, RBJW16, RWL<sup>+93</sup>, SZB<sup>+19</sup>, TLP<sup>+12</sup>]. **O'ahu**

[TD16, Chi96, Fir96, KCTG16, KL96b]. **oasis** [RBN<sup>+08</sup>, CW09, JOD98].

**Obituary** [Ano18l, BCD<sup>+09</sup>]. **object** [MBd05]. **object-oriented** [MBd05].

**Objective** [BS05, BS06]. **oblique** [WCK<sup>+18</sup>]. **Observation**

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

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

[ACD<sup>+17</sup>, Ano05e, BKD06, BIH10, BVGE<sup>+06</sup>, BRBS16, BU05, CM00, CWS<sup>+23</sup>, CSG<sup>+13</sup>, DCC<sup>+17</sup>, DSvR<sup>+18</sup>, Ham07, JCP05, LCT<sup>+07b</sup>, MW05a, NGS<sup>+20</sup>, OM14, PWITH15, PNLFS02, PNLF02, PNLFS03, PF06, PR05, RR10, SGA<sup>+15</sup>, SAK05, SVKT20, TGU<sup>+06</sup>, vAvVV<sup>+03</sup>, AML<sup>+19</sup>, ABKL96, AKM<sup>+05</sup>, AAB<sup>+97</sup>, Bae11, BES11, BEGC04, BMG<sup>+04</sup>, BMM<sup>+99</sup>, BHAL13, BR14, BMSBM<sup>+17</sup>, CSL<sup>+22</sup>, CRP<sup>+05</sup>, CCL<sup>+14</sup>, COJ<sup>+09</sup>, CBC02, CDH<sup>+00</sup>, CRMI18, CLJ<sup>+13</sup>, CWD<sup>+10</sup>, CHH19, CAGLV<sup>+06</sup>, CJM<sup>+22</sup>, DFMW13, DNR20, DNK<sup>+08</sup>, DBC<sup>+19</sup>, FVSRR14, GDE<sup>+96</sup>, GBB<sup>+17</sup>, GSGS01, GSdAMNMM04, HBP<sup>+14</sup>, HM14, HZK<sup>+05</sup>, HZK04, HS05b, HZW<sup>+23</sup>, HSC<sup>+07</sup>, JR15, KWT<sup>+16</sup>, KMG<sup>+20</sup>, KRAS24, LBM10, Lar04, LOB<sup>+09</sup>, LOA13, LW04, LBB11, Mah16, MB96, MCS<sup>+02</sup>, MCS<sup>+03</sup>, MKS<sup>+20</sup>, MDS<sup>+16</sup>, MLW<sup>+16</sup>, MT98, MBS05, MARFP08, MLS<sup>+15</sup>, NKE11, NHH<sup>+13</sup>, NMW<sup>+09</sup>, NKD<sup>+08</sup>, NDE14, OCS04, OCKA<sup>+11</sup>]. **observations** [PCT18, PBGCD<sup>+13</sup>, PWJF20, PGPP<sup>+13</sup>, PVT<sup>+21</sup>, Pri06, ROB<sup>+17</sup>,

RHK<sup>+10</sup>, RLP<sup>+98</sup>, RD16, RdR03, RSSM19, RSRL00, SiSA<sup>+02</sup>, SCM<sup>+08</sup>, SCPC98, ST13, SJM02, STP<sup>+16</sup>, SBC<sup>+16</sup>, SCPP05, TS03, VSV<sup>+97</sup>, VT09, WH01a, Wea93, WBJ<sup>+98</sup>, WFR<sup>+02</sup>, WWS02, YSWJ16, YSHS08].  
**observatories** [MK19]. **Observatory** [CGG<sup>+19</sup>, GMCF19, KCO<sup>+19</sup>, SBB<sup>+19</sup>, GMB13, JMM<sup>+13</sup>, LBM10, MK19, RBXM15]. **observe** [UGSK<sup>+20</sup>]. **Observed** [BSL11, CW22, MPS<sup>+21</sup>, SWH08, TTW<sup>+05</sup>, WXL<sup>+23</sup>, AL98, ARLB00, BL96, Fir96, FKH05, GSPT13, GK16, Had11, HGB<sup>+13</sup>, HF21, Jac95a, KMD<sup>+99</sup>, LSM96, MDH<sup>+98</sup>, MSC04, MRD13, Ric05, RHD<sup>+18</sup>, STF09, SRBR05, SEM16, SC16, TRM<sup>+07</sup>, VLK06, VKC09, WRBS10, WP17, YXC<sup>+19</sup>].  
**observer** [BLS05]. **observing** [HWP<sup>+11</sup>, KKM<sup>+10</sup>, RAS23]. **obtained** [HIN<sup>+02</sup>, KOR06, PK13]. **OC26** [CDM<sup>+16</sup>]. **occupied** [KFS<sup>+17</sup>].  
**Occurrence** [BPM18, MBMGK08, OJG<sup>+19</sup>, SSJ<sup>+22</sup>, TD16, DBL<sup>+19</sup>, DB02, ESWL20, FDP<sup>+14</sup>, GR10, JR11, KBF<sup>+08</sup>, KDG<sup>+97</sup>, LDGH16, OCP18, PSAY20, SLC<sup>+15</sup>, YLD09, YMC<sup>+22</sup>]. **occurrences** [MSA<sup>+14</sup>, WOM<sup>+16</sup>].  
**occurring** [HRM<sup>+18</sup>, ODCP98, PKHH17, TFR<sup>+10</sup>]. **occurs** [BJF16].  
**Ocean** [AS01b, Ano96f, Ano05c, Ano06e, Ano07d, BHT22, BTFB12, BvWR<sup>+20</sup>, BL96, BQT08, BHJ99, BL01a, BHHM<sup>+12</sup>, BTUV08, BTS<sup>+08</sup>, CFJL96, CMC<sup>+05</sup>, DRBM97, DD06, FWP<sup>+07</sup>, FH09, GAL<sup>+20</sup>, GSF<sup>+19</sup>, GSF<sup>+20</sup>, GFPM02, HLR<sup>+09</sup>, HRX17, HWCT04, HWCT11, HB19, HBVG20, HBVG22, HHP04, HPM02, HV03, JFM<sup>+17</sup>, KMLC<sup>+04</sup>, KM96, KL96a, KG09, LBR<sup>+11</sup>, LBSB<sup>+17</sup>, LQF<sup>+02</sup>, LSM96, MSF<sup>+22</sup>, MM97, Mit96, MSBS01, OGRdO18, ORFA<sup>+14</sup>, RGTV97, RBG18, RDL<sup>+09</sup>, RHK<sup>+10</sup>, Rog17, SBCH02, STJ<sup>+08</sup>, SH00, SF04, STB<sup>+17</sup>, SSI19, SAM<sup>+00</sup>, SA03, SWLL23, SYZ<sup>+24</sup>, TRB98, TVLB08, TOP95, Urb20, VTD<sup>+20</sup>, VOK<sup>+24</sup>, WREC18, ZBC<sup>+13</sup>, ZLJ08, ZGGF22, vBBR<sup>+08</sup>, AGL<sup>+19</sup>, AHN23, AT10, Ano05d, AAB<sup>+97</sup>, ALH<sup>+01</sup>, AS02b, BK99, Bas19, BMK05, BJF16, BNM08, Ber01, BMH08, BFA<sup>+08</sup>, BPF<sup>+03</sup>, BKY<sup>+17</sup>, BMOW09, BLS<sup>+03</sup>, BLS05].  
**ocean** [BSN18, BLH05, BSB<sup>+99</sup>, BCH<sup>+19</sup>, BSN<sup>+15</sup>, BNFS01, BBA<sup>+98</sup>, BBA<sup>+01</sup>, BL08, BSRM08, CD95, Car07, CFS<sup>+06</sup>, CH24, CH07, CLF<sup>+09</sup>, CFZ<sup>+18</sup>, CWP<sup>+15</sup>, CB09a, CWL<sup>+23</sup>, COJ<sup>+09</sup>, CL15, CM03, CLMK13, CSP05, CM16a, CWS<sup>+23</sup>, CMK<sup>+18</sup>, CCM15, CH19, CRR01, CKH<sup>+08</sup>, CB09b, DGP20, DDN<sup>+04</sup>, DKC<sup>+17</sup>, DMW<sup>+07</sup>, DGN96, DLF<sup>+09b</sup>, DTR<sup>+09</sup>, DGR19, DBL<sup>+19</sup>, DEK<sup>+08</sup>, Dud06, DKP<sup>+17</sup>, DWW<sup>+02</sup>, Eck94, EOB03, EAB<sup>+20</sup>, Fed13, FWR<sup>+02</sup>, FK98, FHvFM08, GEP<sup>+16</sup>, GGCM17, GSM<sup>+20</sup>, GGSC03, GHÖ<sup>+13</sup>, GBJ<sup>+15</sup>, HBP<sup>+14</sup>, HCJ<sup>+22</sup>, HXF<sup>+23</sup>, Har06, HKSV11, HFD<sup>+23</sup>, HTA<sup>+17</sup>, HWK<sup>+14</sup>, HBR11, HGAB04, HAE<sup>+17</sup>, HBC<sup>+12</sup>, HBV19, HCRX16, HDW<sup>+20</sup>, HWJ20, HBK<sup>+98</sup>, IATK17, JBOH10, JDL<sup>+12</sup>, JAM<sup>+14</sup>, KKMSM12, KB99, KG20, KxF22, KD13, KMMS18, KC04, KCL20, LLD<sup>+17</sup>, LPD<sup>+17</sup>, LBM98, LWLS98, LJBF00, LTY<sup>+03</sup>, LHX<sup>+22</sup>, LZB96, LW04, LYL22, LSWM22]. **ocean** [LBJ<sup>+13</sup>, LKK<sup>+95</sup>, MAH<sup>+12</sup>, MAN<sup>+20</sup>, MRSLM<sup>+19</sup>, MCSF15, MCS<sup>+02</sup>, MCS<sup>+03</sup>, MFH04, MSC04, MM05, MKRY01, McP08, MTT<sup>+12</sup>, MMH<sup>+08</sup>, MNR<sup>+11</sup>, MXC15, MV23, MS12, MNPT06, MW06, MK19, MC13, MPH02,

MRM<sup>+12</sup>, MMM<sup>+13</sup>, Mun07, MKW11, MLS<sup>+15</sup>, NTA<sup>+10</sup>, NLDJ14, NL11, NDD<sup>+14</sup>, NTK<sup>+09</sup>, NBBBT13, OFV09, OPB15, PF02, Pal04, PLRV22, PG07, PTM<sup>+16</sup>, PCH<sup>+22</sup>, PGS14, PTA<sup>+99</sup>, PPR07, PSWF19, RHL<sup>+22</sup>, RdGM<sup>+09</sup>, RPB99, RAC<sup>+20</sup>, RGH<sup>+24</sup>, RPB02, RLH<sup>+03</sup>, RBJW16, ROC<sup>+21</sup>, RAF<sup>+11</sup>, RLB03, RHI00, RMC<sup>+93</sup>, RBS<sup>+17b</sup>, RBH<sup>+20</sup>, RN06, Sag18, SAA<sup>+17</sup>, SE96, SSSC19, SF11, STM04a, STM04b, ST13, SL15b, SVS<sup>+20</sup>, SN04, SLW98, SCB<sup>+01</sup>, SH10, SDMS06, SWLW11, SD96, SCQ<sup>+09</sup>, SUL<sup>+06</sup>, SUK<sup>+06</sup>, SPH<sup>+08</sup>, TSS<sup>+02</sup>, TSW<sup>+09</sup>, TCM<sup>+22</sup>, TPW<sup>+16</sup>, TFP<sup>+16</sup>, TBB<sup>+08</sup>, TAB<sup>+05</sup>, TTL<sup>+16</sup>, UW99, VAT23, VMGO<sup>+09</sup>, VRL<sup>+02</sup>, VHM17]. **ocean** [VIY02, WC06a, WDFK<sup>+22</sup>, WLY<sup>+22</sup>, Web19, WW23, WWB04, WFR<sup>+02</sup>, WPAP01, WF99, WCH05, WMC06, WSB13, WC01b, WYW<sup>+02</sup>, WTSP07, YK16, YK05, YSMW05, YFY<sup>+10</sup>, YMMC11, ZKSS06, ZdBB<sup>+07</sup>, Aar03, AVA23, ABC<sup>+04</sup>, APB<sup>+09</sup>, AMvD<sup>+12</sup>, ARLA03, ACPV04, ABE<sup>+11</sup>, ACFS02, ADE22, Ang10, AA15, ACSI15, AMP<sup>+03</sup>, ATLD<sup>+20</sup>, ACR<sup>+20</sup>, Ano99a, AJR<sup>+15</sup>, AKK<sup>+17</sup>, ATS<sup>+96</sup>, AHK99, ADAM02, ACBMQ08, AHB<sup>+17</sup>, ARF<sup>+13</sup>, BC11, BRG<sup>+19</sup>, BDB97, BWL01, BPD<sup>+11</sup>, BCT21, BSK<sup>+97</sup>, BLBW<sup>+11</sup>, BCWT00, Bau02, Bea09, BHS<sup>+19</sup>, Bec97, BSS20, BTR95, BBM<sup>+08</sup>, BCG04, BFT<sup>+97</sup>, BDL<sup>+14</sup>, BO96, BBE<sup>+13</sup>, BSG<sup>+02</sup>, BSL08a, BIH10, BCH<sup>+11</sup>, BBR<sup>+18</sup>, BSRB17, BTRL99, BNKJ23, BFML<sup>+08</sup>, BH97, BABB08, BTC13, BMF<sup>+01</sup>, BHLS15, Boy02, BBBM04, BBB<sup>+07</sup>, BE09, BEB11, BW14, BWWG98, BBV00, BB04, BCB07, BNFS01, BDNS03, BJ15, BHK<sup>+10</sup>]. **Ocean** [BOJ<sup>+10</sup>, BBA<sup>+01</sup>, BBD<sup>+03</sup>, BRPH20, BMO93, BEJS93, BLOM93, CAH<sup>+09</sup>, CSA<sup>+09</sup>, CSEP<sup>+17</sup>, CD95, CAS<sup>+97</sup>, CRDP02, CaST<sup>+17</sup>, CCBL14, CHG20, CM99a, CMB99, CGM<sup>+07</sup>, CGSZ13, CAFK03a, CAFK03b, CWP<sup>+15</sup>, CWWB04, CRA<sup>+20</sup>, CFT<sup>+04</sup>, CMW<sup>+05</sup>, CMT93, COV<sup>+08</sup>, CVM<sup>+01a</sup>, CVM<sup>+01b</sup>, CMR<sup>+18</sup>, CAC<sup>+97</sup>, CHL<sup>+95</sup>, CBB<sup>+00</sup>, CM16b, CHH<sup>+22</sup>, CBMM15, CS20, CLGM05, CNM17, Cra97, CBA<sup>+20</sup>, CAÖT04, CBS11, CSS<sup>+02</sup>, CM99b, CWdE99, CCFL01, CC01, DLHH11, DS21, DBJ97, DKT<sup>+01</sup>, DSN<sup>+10</sup>, DBR22, DVS<sup>+97</sup>, DDS11, DeM02, DSO<sup>+97</sup>, DKN<sup>+97</sup>, DNR20, DP99, DP02, DB97a, DSN<sup>+20</sup>, DFD<sup>+11</sup>, Die07, DMW<sup>+07</sup>, DCK01, DT03, DWJ<sup>+15</sup>, DFJ18, DBL<sup>+19</sup>, DGB<sup>+98</sup>, DB97b, DB02, Duc93, DKQ<sup>+93</sup>, DDB<sup>+97</sup>, DNA97, DSYH09, ETDB11, EHL02, EWP<sup>+99</sup>, ETD<sup>+11</sup>, FdBGP11, FBS94, FLM10, FS05, FML<sup>+93</sup>, FM03b, FSL<sup>+01</sup>, FAS<sup>+03a</sup>, FAS<sup>+03b</sup>, FHR<sup>+14</sup>]. **Ocean** [FM03c, FMO02, FLMF07, FRW00, FS07, FvFC<sup>+11</sup>, FUGG<sup>+09</sup>, FBCN00, FCA04, FCAD04, FKH13, FBCP01, Fri01, FPGH02, Fro04, FPB04, FSGV<sup>+09</sup>, GFK24, Gai97, GBH<sup>+01</sup>, GSMB01, GRWW01, GMPSHA<sup>+13</sup>, GCS<sup>+12</sup>, GHGMI05, GMM<sup>+20</sup>, GBL<sup>+08</sup>, GAL<sup>+12</sup>, GPCT23, GSW<sup>+09</sup>, GdRGLS04, GCKC07, GVD<sup>+97</sup>, GPB09, GLW<sup>+97</sup>, GNT<sup>+17</sup>, GCB04, GFW07, GPK02, GK02, GMMS05, HS01, HSS<sup>+18</sup>, HHH<sup>+15</sup>, HCL<sup>+22</sup>, HBSL01, HCBP97, HPWP07, HLG<sup>+21</sup>, HNM<sup>+20</sup>, HAH<sup>+01</sup>, HK01, Hei02, HBC<sup>+23</sup>, HZT<sup>+06</sup>, HK07, HA03, HMS<sup>+03</sup>, HWCT04, HS93, HWS<sup>+98b</sup>, HM93, HDCM95, HFM<sup>+00</sup>, HBV19, HWS<sup>+07</sup>, HWL06, HSC<sup>+07</sup>, HPK<sup>+97</sup>, HMA20, HAD19, ISB<sup>+11</sup>, ILWH03, IIM02, IPH<sup>+17</sup>, JLL<sup>+13</sup>, JSWB21,

JKB04, JBC<sup>+21</sup>, Jen03, JCD<sup>+03</sup>, JYM<sup>+15</sup>, JFK<sup>+10</sup>, JBVW12, JLJ<sup>+12</sup>,  
 JBM<sup>+08</sup>, JNB17, KBLA97, KPML20, KBB07, Kam15, Kam18, KK19,  
 KOO<sup>+24</sup>, KQ02, KSL<sup>+04</sup>, KNV<sup>+10</sup>, KDU<sup>+10</sup>, KCMT<sup>+20</sup>]. **Ocean**  
 [KYI10a, KHC<sup>+09</sup>, KSU<sup>+06</sup>, KLM<sup>+11</sup>, KTSI07, KSU<sup>+08</sup>, KMA<sup>+18</sup>, KD01,  
 KIS02, KBV<sup>+97</sup>, KWW04, KMD<sup>+11</sup>, KNB11, KVL<sup>+19</sup>, KNN<sup>+06</sup>, KL96c,  
 KIY<sup>+05</sup>, KKNH02, LKD<sup>+15</sup>, LVJC17, LB07, LSF<sup>+01</sup>, LRFK99, LBV<sup>+08</sup>,  
 LBL08, LCW20, LHD<sup>+22</sup>, Lar04, LPFS97, LB93, LGP<sup>+03</sup>, LJJ<sup>+12</sup>, LKJ<sup>+15</sup>,  
 LGK15, LGO08, LEP14, LSU04, LMvDA16, LDHI93, LW10, LGVK<sup>+14</sup>,  
 LBB<sup>+07</sup>, LRL<sup>+22</sup>, LTW<sup>+22</sup>, LIS<sup>+02</sup>, LZL<sup>+22</sup>, LPMS09, LCWJI<sup>+19</sup>,  
 LBGW97, LL13, LTS<sup>+13</sup>, LMLC<sup>+17</sup>, LN01, LCE<sup>+23</sup>, MQ01, MBHP99,  
 MP99, MB07a, MMXS02, MT15, MFPL19, MAN<sup>+20</sup>, MGT<sup>+20</sup>, MCH<sup>+13</sup>,  
 MPL15, MP17, MLS01, Mas01, MCSF15, MORB<sup>+15</sup>, MTE<sup>+02</sup>, MCS<sup>+02</sup>,  
 MMTT<sup>+20</sup>, MV01, MLR07, MTWC<sup>+15</sup>, MPJ<sup>+13</sup>, MKT<sup>+15</sup>, MV19,  
 MHA<sup>+15</sup>, MMH<sup>+08</sup>, MNR<sup>+11</sup>, MDS<sup>+16</sup>, Met09, MBK97, MWT<sup>+17</sup>,  
 MvSdBL11, MdBL<sup>+11</sup>, MWF<sup>+19</sup>, MBL<sup>+15</sup>, MNV<sup>+20</sup>, MMJ<sup>+03</sup>, MS12,  
 MSS<sup>+02</sup>, MNPT06, MMT08, MHK<sup>+03</sup>, MDGF01, MES97]. **Ocean**  
 [MBT97, MSTT07, MTM<sup>+13</sup>, MC13, MQACB08, MBO07, MLS<sup>+15</sup>, NGS<sup>+15</sup>,  
 NGS<sup>+20</sup>, NG10, NGM<sup>+20</sup>, NP03, NSKG96, NRSL17, NGM<sup>+05</sup>, NDT<sup>+01</sup>,  
 NTF01, NBSF01, NAB<sup>+02</sup>, NSvH<sup>+11</sup>, NMR10, NDD<sup>+14</sup>, NTH10, NW01,  
 NRH<sup>+20</sup>, OFD<sup>+22</sup>, OvdRvA<sup>+22</sup>, OCL<sup>+08</sup>, OKH<sup>+22</sup>, OTOH05, OKY<sup>+17</sup>,  
 OB22a, OB22b, OSCS00, OBWK01, OT12, OBM<sup>+93</sup>, OPB15, ÖCB<sup>+04</sup>,  
 PFP02, Pak04, PF04a, PF04b, PDH<sup>+11</sup>, PCDM11, PSA14, PDA<sup>+20</sup>,  
 PPYN15, PMJW10, PKW07, PMS<sup>+20</sup>, PFdSG11, PJC19, Pee97, PH96,  
 PFC19, PWF03, PPB<sup>+22</sup>, PLL<sup>+06</sup>, PPRHLF02, PMJ20, PSF<sup>+07</sup>, PLR02,  
 PBD<sup>+02</sup>, PR17, PKZ93, PZP93, PHH<sup>+06</sup>, PDG<sup>+03</sup>, PLS<sup>+03</sup>, PPR<sup>+20b</sup>,  
 PGK15, PDY20, PDB<sup>+20</sup>, PHKW10, QW15, QTPS97, QB02, Qué13,  
 RHL<sup>+22</sup>, RDP<sup>+02</sup>, Rai11, RJM<sup>+15</sup>, RDW<sup>+22</sup>, RBMY02, RGW04, RAS23,  
 RMBW07, RGH<sup>+24</sup>, RP17, RWJ06, RHB<sup>+04</sup>, RR10, ROL<sup>+15</sup>, RGHN<sup>+97</sup>,  
 RGS<sup>+97</sup>, RHPC<sup>+19</sup>, RDFS09]. **Ocean** [RTM<sup>+20</sup>, RW95, RMPI<sup>+17</sup>,  
 Rod13, RL97, RAB<sup>+17</sup>, RMG<sup>+23</sup>, RKS<sup>+95</sup>, SGA<sup>+15</sup>, SLC<sup>+20</sup>, SAKP<sup>+22</sup>,  
 STK02, SLS<sup>+07</sup>, SHI06, SPSM23, SG99, SMCA01, SVD97, SH11a, Sch02a,  
 SSLP95, SE07, SM15, SRW<sup>+10</sup>, SBQ<sup>+02</sup>, SFR<sup>+06</sup>, SRF<sup>+09a</sup>, SRAs<sup>+24</sup>,  
 SF11, SSH<sup>+11</sup>, SSF97, SSH09, SMP<sup>+15</sup>, SMB02, SBP13, SSAL<sup>+17</sup>, SNB02,  
 SLB13a, SDB<sup>+97</sup>, SKdS<sup>+14</sup>, SE95, SSS<sup>+11</sup>, Smi11, SBN<sup>+15</sup>, SBA<sup>+20</sup>,  
 SIFS10, SBC17, SBR<sup>+97</sup>, SE14, SPB<sup>+10</sup>, SGL99, SWCB02, SSJ<sup>+22</sup>, SVS<sup>+20</sup>,  
 SJST13, Ste04, SCWK08, SCH<sup>+19b</sup>, SS99b, SWGPK17, SCC<sup>+11</sup>, SMM<sup>+06</sup>,  
 SKF<sup>+10</sup>, JMP<sup>+19</sup>, SZB<sup>+19</sup>, SLB13b, SJJ19, SB22, SBG<sup>+06</sup>, TB97, TOF04,  
 THJ<sup>+17</sup>, THZ06, TPW07, TDvdE<sup>+10</sup>, TM22, TGK<sup>+11</sup>, TAL<sup>+12</sup>, TSPH09,  
 TNT<sup>+15</sup>, TMGLM19, TSSR20, TBPS22, TP02b, TP02a, TLK<sup>+02</sup>, TPS<sup>+15</sup>,  
 TRHA01, TA01, TDC08, TSB<sup>+14</sup>, TTA<sup>+16</sup>, TBB<sup>+11</sup>, TRM<sup>+15</sup>, TRB<sup>+19</sup>].  
**Ocean** [VQ97a, VQ97b, VAM97, VSD<sup>+97</sup>, VHS97, VTA<sup>+11</sup>, VVM<sup>+12</sup>,  
 VH99, VPP07, VBF<sup>+02</sup>, VNBW18, VTD<sup>+20</sup>, VIY02, VSV<sup>+97</sup>, VKM<sup>+10</sup>,  
 VGF02, WN01, WHL<sup>+97</sup>, WPHL02, WC24, WLZ<sup>+19</sup>, WSM<sup>+22</sup>, WW04a,  
 WFF07, WHNS04, WO99, WST15, Wei99, WWH97, Whe97, WF99, WCY05,

WBM<sup>+10</sup>, WAL<sup>+11</sup>, WMC06, WSFB02, WNA<sup>+10</sup>, WACGH11, WAN<sup>+15</sup>, WDG<sup>+02</sup>, Wil98, WSB08, WCJ97, WC01a, WWC<sup>+99</sup>, WWN<sup>+02</sup>, WR01, WvdEP<sup>+10</sup>, WDC<sup>+15</sup>, WCL<sup>+15b</sup>, WW04b, Wun13, WSLC15, WPB11, XWZ24, YWI<sup>+02</sup>, YCN<sup>+10</sup>, YHK15, YQMB20, You99, YMMC11, YS01, YKJ<sup>+15</sup>, YBHM05, ZCG<sup>+12</sup>, ZW23, ZDW<sup>+20</sup>, ZRC<sup>+11</sup>, Zon97, bsBD<sup>+20</sup>]. **Ocean-atmosphere** [SWLL23, AGL<sup>+19</sup>]. **ocean-basin** [DKP<sup>+17</sup>]. **ocean-biochemistry** [JAM<sup>+14</sup>]. **Ocean-color** [KMLC<sup>+04</sup>, MCS<sup>+02</sup>, MCS<sup>+03</sup>, MSC04]. **ocean-sea** [WLY<sup>+22</sup>]. **Oceanic** [BMK09, CDJ<sup>+22</sup>, GDIK02, GSGS01, HGM<sup>+11</sup>, MFE<sup>+02</sup>, NP03, SMP<sup>+15</sup>, YSBH06, ACG<sup>+01</sup>, Ano96g, AMTE09, AMK<sup>+05</sup>, AMH<sup>+24</sup>, BK99, BMK96, Bat01, BW04, BC05, BBG15, BHS<sup>+19</sup>, CBW01, CBB<sup>+95</sup>, CJ19, DRD06, DWBP13, DNK<sup>+08</sup>, EAB<sup>+20</sup>, FCA04, GCRW95, GHIM04, HCG<sup>+09</sup>, HYMD11, IIM02, IIM<sup>+09</sup>, JDL<sup>+22</sup>, KAW<sup>+16</sup>, LW15, Met09, MSW11, MHM<sup>+14</sup>, NMW<sup>+09</sup>, PNVJ13, Rog00, RAL<sup>+01</sup>, RFHL99, SYT<sup>+10</sup>, SZB<sup>+19</sup>, TGFP02, WH01a, WLZ<sup>+19</sup>, WDD<sup>+22</sup>, CRR01, IYM10]. **Oceanographic** [COQ<sup>+18</sup>, GKR<sup>+18</sup>, LWB<sup>+20</sup>, ML04, OT12, PBFS06, RSL05, SB22, YAS<sup>+93</sup>, BES11, BC08, BZ20, BFDB17, BCKH07, BMH<sup>+94</sup>, CHU<sup>+00</sup>, FWZM12, FZW<sup>+13</sup>, GDA<sup>+15</sup>, HPS<sup>+13</sup>, JD08, JRGLJ<sup>+19</sup>, KTSI07, LCW20, LSWH07, LBM<sup>+20</sup>, LNDH<sup>+17</sup>, MSS15, MSGO18, NPBS00, OB22a, PS04a, PC18, PDB<sup>+16</sup>, PLS<sup>+03</sup>, RMB05, RGIH<sup>+06</sup>, SMB<sup>+13</sup>, SNMH18, SGB<sup>+08</sup>, SBK08, SABP<sup>+16</sup>, TBW<sup>+11</sup>, UPS04, UIS<sup>+03</sup>, UY04, YKY<sup>+07</sup>]. **oceanographically** [CWE<sup>+17</sup>]. **Oceanography** [Ano05a, Ano06c, BGDT11, FL04, MTG18, PNLF02, WPG<sup>+07</sup>, AYN19, BH15, BND<sup>+04</sup>, CW09, CSM93, GSVCCCH12, GSP14, Hem99, Joh19, LC16, LCS16, MSI<sup>+08</sup>, MAR<sup>+15</sup>, PNLFS02, RP17, RDBP14, RGL06b, SCQ<sup>+09</sup>, WHNS04, WB03, WNA<sup>+10</sup>, WMP<sup>+11</sup>, WKLM15, WAW05b, WSP19, YFY<sup>+10</sup>, YHC<sup>+11</sup>]. **oceans** [Gre01, GC07, Ho196, PW12, Sig17, SW99, TSW<sup>+09</sup>, WCJ97, ZJH08, ABKL96, BGWF08, GAJ<sup>+13</sup>, LGP<sup>+15</sup>, LFKF<sup>+17</sup>, TCH<sup>+16</sup>]. **October** [BSN18, CCG04, DMS<sup>+98</sup>, IF95, SMB02, Ano99j, Ano22v, Ano23l, Ano24j, CCG04, Dan95, DMS<sup>+98</sup>, ERR97]. **octocoral** [BM17, FB14, PB13, QED<sup>+14</sup>]. **Octocorallia** [AL14, Dau18]. **octopodids** [ACPV04]. **octopuses** [ABE<sup>+11</sup>]. **oculata** [AHVB<sup>+17</sup>, NOFP14]. **Odate** [KTSI07]. **Odden** [BW99b, THV<sup>+99</sup>, WW99]. **Odobenus** [YBC<sup>+17</sup>]. **odontocete** [BCT21]. **odontocetes** [KOM17]. **Odontoceti** [IATK17]. **ODP** [GPK02, KOS<sup>+16</sup>, NGM<sup>+05</sup>]. **OECOS** [IYM10]. **Oerstedtia** [CK24]. **Oerstedtiidae** [CK24]. **off** [AMJRD19, AHGCNM<sup>+04</sup>, ADBU18, AAG02, ASB<sup>+02</sup>, Ano14, AGAB19, ARW<sup>+04</sup>, BSG<sup>+11</sup>, BBAL<sup>+20</sup>, BMK05, BB98, BOB20, BFT10, BPM18, BG94, BH94, BD94, Bla94, BMOW09, BBV00, CLT94, CTW<sup>+15</sup>, CCP<sup>+18</sup>, CA06a, CLC<sup>+20</sup>, CLF<sup>+09</sup>, CDG00, CCM<sup>+20</sup>, CHU<sup>+00</sup>, CGR<sup>+00</sup>, CPC<sup>+03</sup>, CHSVB<sup>+19</sup>, CDJM04, CDL94, DVS<sup>+14</sup>, DGN<sup>+17</sup>, DDL06, DVCG<sup>+12</sup>, Di 10, DOLP<sup>+09</sup>, DCR94, DBDT03, DGR19, DDLK06, DLKP14, DDB<sup>+97</sup>, EFW<sup>+14</sup>, EPPR09, ECM<sup>+06</sup>, FPHH<sup>+09</sup>, FGU04, FVSRR14, FPS10, FMFW07, FA02, FMH<sup>+02</sup>, FYS<sup>+17</sup>, GMT<sup>+09</sup>, GPC<sup>+04</sup>, GR10, GGPM05, GHIM04, GQ09,

GAC<sup>+02</sup>, Grü99, HTD00, HT01, HWTP07, HVWH09, HS98, Hec94, HMAW11, HSR<sup>+16</sup>, HZS00, HYMD11, HSK<sup>+00</sup>, HF21, IATK17, JKK<sup>+10</sup>, JLK03, JCM<sup>+13</sup>, JBD<sup>+09</sup>, KL06, KCTG16, KKD06, KSDE16, KBV<sup>+97</sup>, LCVV06, LTF<sup>+19</sup>, LWB<sup>+07</sup>, LRV<sup>+02</sup>, LPPK14, LAMLB18, MSRM14, MMHB98]. **off** [MHG<sup>+04</sup>, MASVB<sup>+19</sup>, MP17, MDC<sup>+10</sup>, MBB<sup>+02</sup>, MGH<sup>+16</sup>, MP94, MRMP09, MAR<sup>+17</sup>, MFG<sup>+04</sup>, MF09, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MMMC07, ML04, MTMH11, NC97, NLDJ14, NGF09, NFD<sup>+02</sup>, NPBS00, NKK<sup>+00</sup>, NVK<sup>+04</sup>, NCR<sup>+08</sup>, NA09, NMWH19, NCSB<sup>+98</sup>, OVKN11, OM98, OG11, PPZ93, PKW07, PNH<sup>+00</sup>, PDT<sup>+10</sup>, PDC<sup>+99</sup>, QLU09, RA98, RV00, ROPB03, RLVF02, RH94, RAL04, RCF<sup>+16</sup>, SMLP04, SLCLC<sup>+24</sup>, SW09, SRAs<sup>+24</sup>, SLS<sup>+10</sup>, SPF10, SSV02, SSW05, SPEPS18, SRF09b, ŠH11b, SBB06, SEN<sup>+95</sup>, SMPSG<sup>+04</sup>, SAM96, SLC<sup>+15</sup>, SGW<sup>+00</sup>, SKW07, SN00, STS<sup>+15</sup>, TCG00, TBA<sup>+02</sup>, TMGLM19, TMT<sup>+11</sup>, TML<sup>+16</sup>, TKF16, TWPP07, UPS04, VBM<sup>+19</sup>, VKGQ<sup>+09</sup>, WB09, WvdEM00, WR09, WST15, WGMW10, WTI<sup>+20</sup>, WNRM08, WMP<sup>+11</sup>, YKY<sup>+07</sup>, YHC<sup>+11</sup>, YLH<sup>+10</sup>, vC97, vGTG<sup>+00</sup>, vCO09]. **off-shelf** [JCM<sup>+13</sup>]. **off-shore** [BBAL<sup>+20</sup>]. **official** [DRR<sup>+14</sup>]. **offs** [RRK<sup>+20</sup>]. **Offshore** [Ano14, Ber24, CSM13b, CPW<sup>+18</sup>, DHS<sup>+14</sup>, DPK<sup>+14</sup>, DKP<sup>+14</sup>, DTJ<sup>+14</sup>, DVC14, FMWD07, KCA05, LDG94, MC05, MTGY05, MPH<sup>+05</sup>, MC18a, NLDJ14, NR00, PDK<sup>+14</sup>, PFC19, RHPC<sup>+19</sup>, RGS<sup>+15</sup>, RMG<sup>+23</sup>, SH99c, SJST13, SGFP13, SDLZ13, TZ09, TB05]. **OFFP** [CRR01]. **Oil** [AZYT16, ALHP18, AKZL16, CMP14, DPK<sup>+14</sup>, DKP<sup>+14</sup>, DTJ<sup>+14</sup>, DBG<sup>+16</sup>, DRRBC16, EBM<sup>+18</sup>, EMEP18, FSP<sup>+16</sup>, GGM<sup>+16</sup>, HCRX16, JBD<sup>+09</sup>, Joy16, JBÖ<sup>+16</sup>, LMH<sup>+18</sup>, LLG<sup>+16</sup>, MPM<sup>+16</sup>, MAR<sup>+17</sup>, NLDJ14, NM18, OJK<sup>+10</sup>, PDK<sup>+14</sup>, Pas18, Pas16, PDB<sup>+16</sup>, PPS<sup>+16</sup>, PFDD16, RD16, RP18, RPF<sup>+16</sup>, SKD<sup>+16</sup>, SEM16, SAW16, SBL<sup>+18</sup>, TAB<sup>+16</sup>, WAM<sup>+18</sup>, YNG<sup>+16</sup>, ZA16, ZJA16, ZDP<sup>+16</sup>, Ano14, QNL<sup>+16</sup>]. **oil-associated** [Pas16]. **oil-based** [JBD<sup>+09</sup>]. **oil-degrading** [YNG<sup>+16</sup>]. **Oil-derived** [AZYT16]. **Oithona** [LCDS00]. **Okamejei** [WST15]. **okhotensis** [AM18]. **Okhotsk** [AN06, ASV18, BAF<sup>+18</sup>, CKFC18, KKSA19, MCB18, SID19, AN05, AM18, Ala18, BCE18, CP18a, Dau18, DNG<sup>+12</sup>, DFJ18, EBG<sup>+22</sup>, FHK18, GMB18, Gol18, GHM<sup>+12</sup>, GC18, HSS<sup>+12</sup>, ITM<sup>+12</sup>, Kam18, KME18, KSH12, LJB18, MA18a, MA18b, MB18, Mar18, MAK<sup>+16</sup>, MMDS18, ONRW10, OTK<sup>+05</sup>, OBH<sup>+18</sup>, SIA<sup>+05</sup>, SA18, SHS<sup>+12</sup>, VWTK18, YCN<sup>+10</sup>]. **okhotskensis** [Mar18]. **Okinawa** [CCC<sup>+03</sup>, IOK03, KLL03, KW03, Tan03, YA03, YKS03]. **Okubo** [IFFGL<sup>+04</sup>]. **old** [VMF<sup>+16</sup>]. **Oligocene** [OSHB07, VOK<sup>+24</sup>, WC07a, ZSLL15]. **oligotrich** [CLL<sup>+03</sup>]. **oligotrophic** [ABKL96, AKHR<sup>+20</sup>, BRG<sup>+19</sup>, DBR22, HLG<sup>+21</sup>, HZT<sup>+06</sup>, KTP<sup>+05b</sup>, LR97, LH08, LZB96, LLS<sup>+19</sup>, OvdRvA<sup>+22</sup>, PKZ<sup>+19</sup>, SZV<sup>+19</sup>, Thi05, TWPP07, VPA<sup>+20</sup>]. **Olimpi** [PPR<sup>+20a</sup>, TPP<sup>+20</sup>]. **Oman** [Duc93, ESK<sup>+23</sup>, LG00, MMHB98, MMWM00, PLdL97, PPZ93, SMBM00, SW00]. **OMAs** [dJMTGG11]. **OMEX** [WC01a]. **OMIP** [WLY<sup>+22</sup>]. **Ommastrephidae** [Sei13, TS13]. **OMP** [PFX<sup>+02</sup>]. **OMZ** [FLTV97, FL02, WSB<sup>+09</sup>]. **On-board** [HZK<sup>+05</sup>]. **on-deck** [TPW<sup>+16</sup>, WW04a]. **on-going** [KCZ<sup>+19</sup>].



**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** [BBLS14, 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>+98</sup>, DSYH09, EAS<sup>+09</sup>, ERB<sup>+99</sup>, GWZ16, GRS00, GRC<sup>+03</sup>, GBL<sup>+08</sup>, GSB<sup>+23</sup>, GGM<sup>+16</sup>, GLSK<sup>+17</sup>, GCB04, GMC<sup>+12</sup>, GOP<sup>+01</sup>, HMB<sup>+96</sup>, HCBP97, HP98, HC01, HWM02, Har94, HVN02, HSC<sup>+07</sup>, HCG<sup>+03</sup>, HWC07]. **organic** [HD02, HLM<sup>+01</sup>, JDS<sup>+08</sup>, JDD<sup>+11</sup>, JBS<sup>+13</sup>, KBLA97, KR95, KCD<sup>+17</sup>, KLY<sup>+15</sup>, KHL<sup>+16</sup>, KMC05, KVB<sup>+09</sup>, KSU<sup>+06</sup>, KW00, LRGH<sup>+05</sup>, LG09, LMB<sup>+98</sup>, LPW<sup>+09</sup>, LG98, LWM<sup>+09</sup>, LWL<sup>+16</sup>, LKH<sup>+07</sup>, LFC16, MP99, MHB05, MORB<sup>+15</sup>, MBB<sup>+02</sup>, MD14, MGS<sup>+10</sup>, dJMTGG11, MFG<sup>+04</sup>, MGC<sup>+14</sup>, MES97, MLK<sup>+12</sup>, MBT97, MSTT07, MYN<sup>+96</sup>, NSKG96, NAB<sup>+02</sup>, NVBJ08, NKB95, NW01, NTS<sup>+11</sup>, OCL<sup>+08</sup>, OUK03, ODP<sup>+17</sup>, PCB<sup>+00</sup>, PW15, PMJW10, PPZ93, PTM<sup>+16</sup>, PH96, Pfa93, PPF517, PDE<sup>+16</sup>, PCB<sup>+17</sup>, PDS<sup>+17</sup>, PRMM<sup>+17</sup>, PDTS08, QB02, RTB02, RV00, RGH<sup>+24</sup>, RRWR08, RGS<sup>+97</sup>, RIHGS00, RMPI<sup>+17</sup>, RPF<sup>+16</sup>, RBH<sup>+20</sup>, SdS01, SMCA01, SSB<sup>+17</sup>, SBHS20, SSV02, SSM<sup>+00</sup>, SW00, SMD08, SBN<sup>+15</sup>, SBA<sup>+20</sup>, SP00, SLZ<sup>+16</sup>, SD96, SAM96, SP06, SJSI00, SCM<sup>+09</sup>, TRH<sup>+08</sup>, TTLP06, TGK<sup>+11</sup>, TAL<sup>+12</sup>, TTCD14, VCSM09, VKGP<sup>+11</sup>, VAK<sup>+09</sup>, VCR02, WWH97, WYW<sup>+02</sup>, WC09]. **organic** [WAC<sup>+09</sup>, WDC<sup>+15</sup>, YCN<sup>+10</sup>, YCT<sup>+22</sup>, YCYTKB06, YOI<sup>+09</sup>, YHL<sup>+12</sup>, YBHM05, ZQ97, ZCG<sup>+12</sup>, ZWQ<sup>+19</sup>, ZWL<sup>+22</sup>, ZdBB<sup>+07</sup>, Zon07, ZB00, dCHdOF<sup>+18</sup>, dSG09a]. **organic-** [ODP<sup>+17</sup>]. **organic-matter** [DD95]. **Organic-walled** [HdVGHM02, ZB00, dSG09a]. **organisms** [AMN<sup>+02a</sup>, BBL<sup>+13</sup>, CGR<sup>+96</sup>, KRGT14, MB08, PDY20, UGSK<sup>+20</sup>]. **organization** [BMGC09, BH19b]. **organo** [dJMTGG11]. **organo-mineral** [dJMTGG11]. **organochlorine** [GSK96]. **organs** [LV17]. **orientalis** [KHT<sup>+20</sup>, KOT<sup>+20</sup>]. **orientation** [BGCH20, MOT98]. **oriented** [BKM07, MBd05]. **Origin** [BSS<sup>+17</sup>, CLB96, RdGM<sup>+09</sup>, BC05, BLS<sup>+97</sup>, GPBV<sup>+07</sup>, KL06, LPMS09, MTGY05, RTB02, Rai11, RLGG07, SHB02, TLW<sup>+94</sup>]. **original** [GPF16]. **Origins** [MSRM08]. **Orinoco** [HMSMK04]. **Orkney** [MNR<sup>+11</sup>]. **ornata** [WST15]. **Orographic** [Sco05]. **orthogonal** [IS07]. **Oscillation** [AMH<sup>+24</sup>, CAGL13, CPH01, HC15, MMH<sup>+08</sup>, TSS<sup>+21</sup>, ZPT<sup>+13</sup>]. **oscillations** [Chi96, PWJF20, RSSM19, SPF<sup>+94</sup>, VV23, ZL23]. **Osedax** [ALSF<sup>+17</sup>]. **osmium** [KGW96]. **ossicola** [QRE<sup>+17</sup>]. **ostenfeldii** [GKQ<sup>+05</sup>]. **ostracoda** [SSR<sup>+14</sup>, Ang10, BVB14a, KB15]. **ostracode** [GCCG13]. **ostracods** [CB18, Zar16]. **Otago** [OM98]. **Otaria** [RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>]. **Other** [Ano98g, Ano99f, Ano00f, AS01a, ACPV04, BCT21, DTWF17, FVSRR14, FVW08, GTTKB14, GBLS00, GCKC07, GJC98, HTML98, HHH<sup>+22</sup>, KM98, LLM<sup>+02</sup>, LLM<sup>+03</sup>, NKF<sup>+10</sup>, NVK<sup>+04</sup>, PK08, Reb03, RHPC<sup>+19</sup>, UY04, WAC<sup>+09</sup>]. **Otolith** [HiII<sup>+19</sup>, HiII<sup>+20</sup>, MMS<sup>+19</sup>, WZC<sup>+19</sup>, ZDW<sup>+20</sup>]. **otter** [TCEW07]. **our** [Har06]. **outbreaks** [KAM<sup>+14</sup>, Sco05]. **Outbreeding** [BKS<sup>+10</sup>]. **outcome** [FC09, ROBV<sup>+18</sup>]. **Outcomes** [Urb20, RBDO17]. **Outer** [PTM<sup>+16</sup>, SS99a, GPMZ<sup>+10</sup>, KMO09, SPF<sup>+94</sup>]. **outflow** [ASB<sup>+02</sup>, BWAS02, CBG02, DGR02, HMLS<sup>+06</sup>, MLW<sup>+16</sup>, ONRW10, SLDL93, SAK05, YFL<sup>+23</sup>]. **outflows** [PHOM09]. **outline** [KWA<sup>+20</sup>].

**outlook** [BEG07]. **output** [HPH<sup>+</sup>16, VHM17, YSWJ16]. **ovata** [Mal15].  
**overall** [WGG98]. **overcast** [CWWB04]. **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.**

**Pa** [BGMH01, MM15].

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

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

[ARF<sup>+13</sup>, BPD<sup>+11</sup>, BRPH20, CMW<sup>+05</sup>, CM16a, DLHH11, DB16, DCK01, DFJ18, DGB<sup>+98</sup>, FSL<sup>+01</sup>, Fri01, FSGV<sup>+09</sup>, GFK24, GMPSHA<sup>+13</sup>, GdRGLS04, HK01, IYM10, JLL<sup>+13</sup>, KBL01, KKNH02, LBV<sup>+08</sup>, LBL08, LSU04, LKL<sup>+13</sup>, LAT<sup>+18</sup>, MCS<sup>+03</sup>, MHK<sup>+03</sup>, MSNL09, MMG98, NHS<sup>+09</sup>, NLSL09, OKY<sup>+17</sup>, OBWK01, PLS<sup>+03</sup>, PZL<sup>+09</sup>, PDY20, RR10, RD97, SM15, SFV<sup>+98</sup>, SCWK08, SBG<sup>+06</sup>, TdFAL19, TSB<sup>+14</sup>, VOK<sup>+24</sup>, WSM<sup>+22</sup>, Wei15, WF99, WCY05, WAN<sup>+15</sup>, WSB08, WWN<sup>+02</sup>, WDC<sup>+15</sup>, WCL<sup>+15b</sup>, YWI<sup>+02</sup>, YCN<sup>+10</sup>, ATD<sup>+11</sup>, AM22a, AHR<sup>+06</sup>, ATJ05, AP22, ABKL96, ASF<sup>+16</sup>, Ano06g, AKK<sup>+17</sup>, ANI09, ATS<sup>+96</sup>, AAB<sup>+97</sup>, Arr15, Arr16, ACG19, AMN<sup>+02b</sup>, AMK<sup>+05</sup>, BTV<sup>+11</sup>, BFL<sup>+20</sup>, BKP<sup>+20</sup>, BK96a, BGS98, BSL<sup>+96</sup>, Bas19, BLSW05, BB09, BW04, BHS<sup>+06</sup>, BDW<sup>+98</sup>, BMK05, BS98, BAD<sup>+97</sup>, BL98, BZS<sup>+16</sup>, BBDL98, BGWF08, BO96, BCO<sup>+96</sup>, BD02, BCS99, BE18, BCB<sup>+18</sup>]. **Pacific**

[BTRL99, BCE18, BT98, Bor01, BML<sup>+06</sup>, BHJ99, BGH99, BH99b, Boy02, BSCE15, BEM<sup>+15</sup>, BRPI02, BT04, BLS<sup>+08</sup>, BLG15, BNFS01, BBB<sup>+11b</sup>, BTS<sup>+08</sup>, BT15, BOH<sup>+04</sup>, CD95, CTGD08, CFV<sup>+18</sup>, CLB96, CDP<sup>+02</sup>, CWSH20, CMB99, CAFK03a, CAFK03b, CBS<sup>+96</sup>, CB18, CDG00, CK24, CMAO<sup>+12</sup>, CVM<sup>+01a</sup>, CVM<sup>+01b</sup>, CMBPM04, CLQ<sup>+18</sup>, CM16b, CMH<sup>+20</sup>, CBMM15, CRM<sup>+16</sup>, CGG<sup>+19</sup>, CCC<sup>+23</sup>, CMPB18, CJM<sup>+22</sup>, DZBR95, Dan95, DN97, DDN<sup>+04</sup>, Dau18, DABMAMA04, DGN<sup>+17</sup>, DLR11, DJS<sup>+08</sup>, DBN<sup>+11</sup>, DP99, DP02, DVPR06, DGR19, DRS10, DKJ13, DJ15, DBS98, DCF<sup>+18</sup>, DQC95, DWW<sup>+02</sup>, DBC<sup>+02</sup>, DCF<sup>+11</sup>, DMY<sup>+97</sup>, DNA97, DO96, EWBW99, ERR97, EBB<sup>+08</sup>, FMZ15, FL04, FHAH16, FWC<sup>+95</sup>, FWG<sup>+97</sup>, FBC<sup>+02</sup>, FAS<sup>+03b</sup>, FLMF07, FB15, FEB<sup>+15</sup>, FCG<sup>+96</sup>, FSG02, FDM<sup>+97</sup>, FBCN00, Fre13, FDC<sup>+18</sup>, FC07, GLLC04, GVW<sup>+19</sup>, GGCM17, GML99]. **Pacific** [GSdAMNMM04, GJC98, GKR<sup>+18</sup>, GBP21, GMCF19, GK02, HRM<sup>+06</sup>, HSS<sup>+18</sup>, HMB<sup>+96</sup>, HCBP97, HOD<sup>+09</sup>, HTTS12, HSS<sup>+12</sup>, Har96, HC15, HTS<sup>+09</sup>, HTK<sup>+10</sup>, HSBT19, HCHD09, HHP<sup>+96</sup>, HALV18, HSC<sup>+19</sup>, HYK<sup>+02</sup>, HA03, HMS<sup>+03</sup>, HWS<sup>+98b</sup>, HIN<sup>+02</sup>, HDCM95, HFM<sup>+00</sup>, HDW<sup>+20</sup>, HAM<sup>+15</sup>, ITT12, INTS02, IF95, IHSS<sup>+10</sup>, IIM<sup>+09</sup>, JCD<sup>+03</sup>, Joh96, KF95, KPML20, KBK<sup>+18</sup>, Kam15, Kam18, KSH<sup>+09</sup>, KWN<sup>+09</sup>, KOS<sup>+16</sup>, KMSM11, KNG02, Kaw02, KDU<sup>+10</sup>, KxF22, KCZ<sup>+19</sup>, KSBK01, KM95, KYI10a, KRB95, KY17, KTSI07, KSU<sup>+08</sup>, KT02, KMA<sup>+18</sup>, KHT<sup>+20</sup>, KOT<sup>+20</sup>, KN97, KNI<sup>+05</sup>, KFS<sup>+10</sup>, KNB11, KR07, KLKB95, KNN<sup>+06</sup>, KCO<sup>+19</sup>, KMS<sup>+02</sup>, LKD<sup>+15</sup>, LVJC17, LMLJ18, LSF<sup>+01</sup>, LSST20, LCK95, LKC96, LK02, LST<sup>+11</sup>, LK98, LCS<sup>+06</sup>, LR97, LFM02, LBD<sup>+02</sup>, LGP<sup>+03</sup>, LSNH15, LGF03, LSM<sup>+06b</sup>, LMKL09, LDG<sup>+23</sup>, LB18, LSGM02, LBB95, LIS<sup>+02</sup>, LLK<sup>+09</sup>, LCWJI<sup>+19</sup>, LSC02]. **Pacific**

[LGP<sup>+15</sup>, LFHM97, LSM96, LKK<sup>+95</sup>, MN10, MC05, MTGY05, MPH<sup>+95</sup>, MPG<sup>+97</sup>, MBHN02, MBHP99, MP99, Mal15, MSK<sup>+06</sup>, MJW<sup>+06</sup>, MSJ<sup>+06</sup>, MTB09, Mar18, MASVB<sup>+19</sup>, MRSLM<sup>+19</sup>, MCSF15, MMS<sup>+19</sup>, MA05, MGNB96, MCS<sup>+02</sup>, MGK19, MV01, MLR07, MAR<sup>+15</sup>, MTT<sup>+12</sup>, MLS<sup>+06</sup>, MM15, MRC05, MDH16, MMD15, MS12, MSS<sup>+02</sup>, MF09, MSGO18, MHSV18, MDTG13, MZH16, MWFS17, MST<sup>+14</sup>, MHM<sup>+14</sup>, MKS<sup>+02</sup>,

MJG95, MYN<sup>+96</sup>, MLD97, NOT<sup>+09</sup>, NMH<sup>+06</sup>, NHCL14, NBSF01, NAB<sup>+02</sup>, NL11, NTK<sup>+09</sup>, NZT97, OKH<sup>+22</sup>, ONRW10, OTNT05, OTOH05, OACA19, OYK15, OTH05, OT12, PBFS06, PCDM11, PHS17a, PPYN15, PWCL98, PH96, PFC19, PWF03, PRORSV<sup>+19</sup>, PHD<sup>+18</sup>, PLL<sup>+06</sup>, PWB<sup>+06</sup>, PWP<sup>+05</sup>, PSK<sup>+00b</sup>, PDSS96, PDB<sup>+20</sup>, Qua97, RR96, RPMS95, RMA<sup>+20</sup>, RLPF07, RHPC<sup>+19</sup>, RPAD99, RL97, RDLZ02, SAKP<sup>+22</sup>, SBCH02, STK02, STN<sup>+06</sup>, STN<sup>+09</sup>, SLCLC<sup>+24</sup>, SiSA<sup>+02</sup>]. **Pacific** [SD06a, STF09, SA15a, SMH<sup>+06</sup>, SH99c, SBBP<sup>+15</sup>, SDB<sup>+18</sup>, SLT<sup>+11</sup>, SLHS20, SNMH18, SFG98, SBSH99, SIS<sup>+02</sup>, SKS<sup>+23</sup>, SNIT02, SP19b, SNB02, SHD<sup>+96</sup>, SBD<sup>+97</sup>, SBG<sup>+98</sup>, SD98, SMB<sup>+98</sup>, SM03, SHM<sup>+20</sup>, SHR20, SIFS10, SMPSD04, SH16, SCGB18, SCH<sup>+19b</sup>, SMB<sup>+18</sup>, SHPM14, SPD<sup>+11</sup>, SLS11, SLB<sup>+15</sup>, SKF<sup>+10</sup>, JMP<sup>+19</sup>, SPP22, SMLS02, SSI<sup>+09</sup>, SHKW05, TYBY06, TT05, TLYS11, TRWB99, TSWJ12, TKF07, TMGLM19, TS10, TMP<sup>+13</sup>, TBB<sup>+08</sup>, TSB<sup>+14</sup>, TSN<sup>+06</sup>, TSMS09, TNIW02, TTA<sup>+16</sup>, TBB<sup>+11</sup>, UP09, URDP01, VMBS03, VH99, VSSN96, VS99, VSV<sup>+97</sup>, VT01, VBC<sup>+95</sup>, WHF<sup>+19</sup>, WHL<sup>+97</sup>, WPHL02, WCRG95, WGR<sup>+97</sup>, WCMB06, WYOS18, WLZ<sup>+19</sup>, WXL<sup>+23</sup>, WFA<sup>+95</sup>, WSL07, WMW96, WTCB09, WGNH15, WYL<sup>+20</sup>, WZW<sup>+95</sup>, WCH05, WTT<sup>+20</sup>, WACGH11, WNHF<sup>+15</sup>, WCB98, WM99, WC02, WYW<sup>+02</sup>, WWW<sup>+02</sup>, WC06b, WJS<sup>+06</sup>, WSP19, WCWW99, YK16, YTF02, YWW23, YKS<sup>+19</sup>]. **Pacific** [YKO15, YOI<sup>+09</sup>, You10, YBC<sup>+17</sup>, ZKSS06, ZNM<sup>+02</sup>, ZOB<sup>+96</sup>, ZDWR95, ZD97, ZQ97, ZRC<sup>+11</sup>]. **Pacific-Arctic** [OACA19]. **Pacific-influenced** [CJM<sup>+22</sup>]. **pacifica** [AELP14, KYI10a, KYI10b, LS10, SPF10]. **pack** [BLB<sup>+11</sup>, CMNM16, FHvFM08, FMS08, FWM<sup>+11</sup>, GFS99, JSM<sup>+16</sup>, KMM<sup>+08</sup>, KBF<sup>+08</sup>, LCvdM<sup>+16</sup>, MNG<sup>+11</sup>, SvdMC<sup>+16</sup>, TKF16, UWvdE<sup>+16</sup>, vdMLB<sup>+11</sup>]. **pack-ice** [BLB<sup>+11</sup>, FHvFM08]. **packages** [TWL<sup>+15</sup>]. **Page** [Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, Ano17f, Ano17g, Ano17h]. **Page/Cover** [Ano17f, Ano17g, Ano17h]. **Pages** [Ano93b, Ano93d, Ano93e, Ano93c, Ano94b, Ano94c, Ano94d, Ano94e, 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>+13</sup>, SW08, WSS<sup>+08</sup>]. **pair** [PKW07, SKW07, TPW07]. **pairs** [VMGO<sup>+09</sup>]. **Pakistan** [BG09a, BLW<sup>+09</sup>, CL09, CML<sup>+09</sup>, GLdS<sup>+09</sup>, HLL<sup>+09</sup>, JWC09, LSS<sup>+09</sup>, LWM<sup>+09</sup>, MBG09, SJSI00, VCSM09, WSB<sup>+09</sup>, WC09, WAC<sup>+09</sup>]. **PALACE** [HMSMK04]. **palaeo** [GPK02, ZB00]. **Palaeo-** [ZB00]. **palaeo-flux** [GPK02]. **palaeoceanography** [RAF<sup>+14a</sup>, RAF<sup>+14b</sup>]. **palaeoenvironmental** [ID19, Tho04]. **Palaeoproductivity** [PS05]. **Paleo** [PPR07]. **Paleoceanographic** [GNT<sup>+17</sup>, AELP14, AKI<sup>+16</sup>, CHL<sup>+15</sup>, FSG02, HAF<sup>+15</sup>, MHB<sup>+95</sup>, MPB<sup>+18</sup>, OTK<sup>+05</sup>, RH07, TT05]. **Paleoceanography** [ITM<sup>+12</sup>, WFF07, IOTS16, ITK<sup>+16</sup>, KOS<sup>+16</sup>, Tak05, TRO16, TSOT16]. **paleoclimatic** [BIP<sup>+02</sup>, DFA<sup>+20</sup>, SHS<sup>+12</sup>]. **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]. **pammelias** [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>+95</sup>, OMY<sup>+03</sup>, OL15, PA95, RCW<sup>+15</sup>, RL97, SSH<sup>+02</sup>, SNIT02, SHR02, SAL95, SCM<sup>+09</sup>, TA01, WSB08, YA03]. **particular** [EMEP18, vFvdBB<sup>+02</sup>]. **Particulate** [ATD<sup>+11</sup>, BGS98, DSO<sup>+97</sup>, DC96, GOP<sup>+01</sup>, LQF<sup>+02</sup>, LMB<sup>+98</sup>, LPW<sup>+09</sup>, PRMM<sup>+17</sup>, SCM<sup>+09</sup>, TTLP06, YHL<sup>+12</sup>, ABD<sup>+13</sup>, ACH02, ANI09, ASN<sup>+02</sup>, BS03, BHMC05, BBDL98, BA94, BSP00, BAH<sup>+95</sup>, BBA<sup>+98</sup>, BBA<sup>+01</sup>, CHPS00, CTGD08, CMB<sup>+97</sup>, CM99a, CMB99, CCZ<sup>+21</sup>, CCC<sup>+03</sup>, ÇYFB<sup>+06</sup>, ÇYAYT06, CLPL<sup>+09</sup>, Cri95, DURP03, DB05, DJS<sup>+08</sup>, DRR17, DGB<sup>+98</sup>, EAS<sup>+09</sup>, FCG18, FA02, FCP99, GRS00, GRC<sup>+03</sup>, GCN<sup>+97</sup>, GZZC10, HLG<sup>+21</sup>, Hat02a, HK01, HHP<sup>+96</sup>, HAP03, HIN<sup>+02</sup>, HWC07, HD02, IOK03, JDS<sup>+08</sup>, KW03, KR95, KLY<sup>+15</sup>, KHL<sup>+16</sup>, KVB<sup>+09</sup>, LBR<sup>+11</sup>, LGC<sup>+12</sup>, LKH<sup>+07</sup>, LCE<sup>+23</sup>, MPV<sup>+11</sup>, MHA<sup>+01</sup>, MBK97, MTMK<sup>+13</sup>, MGC<sup>+14</sup>, MES97, MLK<sup>+12</sup>, MSTT07, MYN<sup>+96</sup>, NOT<sup>+09</sup>, PMJW10, Pfa93, PBNF<sup>+16</sup>, PDY20, QB02, RLP<sup>+98</sup>, RRWR08, ROL<sup>+15</sup>, RSB<sup>+15</sup>, RHB<sup>+95</sup>, RMPI<sup>+17</sup>, RBH<sup>+20</sup>, SBD05, SSL98, SZG<sup>+13</sup>, SBN<sup>+15</sup>, SBA<sup>+20</sup>, SP00, SAM96, TRM<sup>+15</sup>, VKGP<sup>+11</sup>]. **particulate** [VvdLS11, VAK<sup>+09</sup>, WBM96, WC02, WCWW99, YOI<sup>+09</sup>, ZCG<sup>+12</sup>, ZWQ<sup>+19</sup>, dMCNC99, vdMLB<sup>+11</sup>]. **particulates** [BSB<sup>+99</sup>]. **partition** [BSR<sup>+18</sup>]. **Partitioning** [FCW<sup>+15</sup>, HAD19, CAGL13, CDRB16, LZM<sup>+13</sup>, MDTS11b, TR02, Pap05a]. **partly** [HAC<sup>+14</sup>]. **Parvaplustridae** [CSE<sup>+22</sup>]. **Parvaplustrum** [CSE<sup>+22</sup>]. **Pass** [SRN02]. **Passage** [LRR<sup>+04</sup>, MBS<sup>+13</sup>, PZT<sup>+19</sup>, SWO10, NMW<sup>+09</sup>, PP20, SSB<sup>+06</sup>, WBI<sup>+01</sup>, BPRS11, BCH<sup>+19</sup>, ECD<sup>+17</sup>, FGH<sup>+13a</sup>, FGH<sup>+13b</sup>, GARVK04, HMS<sup>+13</sup>, HSH<sup>+13</sup>, JCM<sup>+13</sup>, MRB<sup>+14</sup>, MLS<sup>+15</sup>, PRB<sup>+11</sup>, RPS<sup>+11</sup>, SAM<sup>+13</sup>, SGP<sup>+11</sup>, VPK<sup>+19</sup>, VvdLS11, ZZM<sup>+13</sup>]. **passages** [SPH<sup>+03</sup>]. **Passive** [DME<sup>+18</sup>, HS93, MGJ<sup>+18</sup>, SO98, ŠH11b]. **Past** [LAGK<sup>+18</sup>, AKK<sup>+14</sup>, CAFK03a, FC15, GNT<sup>+17</sup>, HTTS12, HTK<sup>+10</sup>, LLH<sup>+15</sup>, PS05, RBB<sup>+97</sup>, SIA<sup>+05</sup>, Sig17]. **Pasternak** [BPKJ15]. **Patagonia** [PRP15, FSCC07]. **patagonica** [SGB14]. **Patch** [LCS<sup>+06</sup>, LML<sup>+01</sup>, SLW98, TWN<sup>+06</sup>, TNS<sup>+09</sup>]. **Patchiness** [LEP14, GWP<sup>+98a</sup>, RPB02, WT14]. **patchy** [LW04, NSBL94]. **Path** [BRL<sup>+03</sup>, BSX<sup>+15</sup>, CRMI18]. **pathway** [MC12]. **Pathways** [GF07, SP19b, CRP<sup>+05</sup>, DCA09, DFD<sup>+11</sup>, DMW<sup>+07</sup>, GLBB11, GHÖ<sup>+13</sup>, HRT14, HCG19, HPK<sup>+97</sup>, Jen03, LGB13, MSF<sup>+22</sup>, MMTT<sup>+20</sup>, MD14, Men23, MTWH04, PJC19, PHDK11, SM23, TP99, WWHT20, vBBR<sup>+08</sup>]. **Patinigera** [GWDP11]. **pattern** [DN97, HV98, MLW<sup>+01</sup>, MSM<sup>+02</sup>, RMCAR06, XSM<sup>+19</sup>]. **Patterns** [Bak98, BL99, BHSJ16, CDRA08, CRI18, GDAMS19, HEV<sup>+10</sup>, HNCW23, HSSN08, MDH16, MSK<sup>+19</sup>, PCT18, RMD<sup>+12</sup>, RS15, RQM<sup>+08</sup>, SVJ<sup>+08</sup>, VLK06, AGS<sup>+02</sup>, AST07, AKM<sup>+05</sup>, ACR<sup>+20</sup>, BPD<sup>+11</sup>, BLM13, BB09, BMK05, BMH08, BFA<sup>+08</sup>, BFT10, BE18, BSN18, BMB<sup>+18</sup>, BDG<sup>+04</sup>, BE09, BSW<sup>+13</sup>, CBBM12, Car10, CD09, CLC<sup>+20</sup>, CSF<sup>+12</sup>, CG18, CL09, CWE<sup>+17</sup>, DCC<sup>+13</sup>, DLR11, DB97a, Die07, DAN23, EFW<sup>+14</sup>, ESDM13, FEB<sup>+13</sup>, FCBD08, FHT<sup>+14</sup>, FCP99, GMR<sup>+09</sup>, GRS00, GGTMG<sup>+10</sup>, GQ09, GMC97, GFPM02, HWM02, HCWW01, HdMR<sup>+99</sup>, HC05, HKP10, HZ19, HNRGL06,

HCG<sup>+03</sup>, HPM02, IGN<sup>+10</sup>, JHHK14, KOM17, KFG<sup>+03</sup>, LBC<sup>+98</sup>, LAMS<sup>+01</sup>, LN05, LL14, LPL<sup>+20</sup>, MKKB14, MC05, MPH<sup>+05</sup>, MKRY01, MO96, MBB<sup>+14</sup>, MCD<sup>+09</sup>, MWW<sup>+05</sup>, MDGF01, MBC<sup>+09b</sup>, NLHB01, NKA<sup>+11</sup>, OHK<sup>+02</sup>, OB22b, OBA02, Pal04, PWD<sup>+11</sup>, PHE<sup>+18</sup>, PCY<sup>+13</sup>, PMGH01, PB08].

**patterns** [PC98, PCAS05, PZP93, PTWM12, RTFB09, RH14, RE98, RJDR06, SMV<sup>+03</sup>, SMZ<sup>+08</sup>, SBM16, SLdB<sup>+15</sup>, SWL<sup>+18</sup>, SE07, SFV<sup>+98</sup>, SBSH99, SW01, SBP13, SZV<sup>+19</sup>, STD<sup>+20</sup>, SDKH03, SCD<sup>+22</sup>, SMS20, SN00, SMLS02, TLSW15, TS03, TT17, Wat09, WGG98, WPFB11, WPB11, Yal01].

**Paul** [FBB<sup>+13</sup>, Row13]. **Paulo** [GNT<sup>+17</sup>, MAR<sup>+17</sup>, NMN<sup>+17</sup>]. **Paz** [ONSSVGR04, SVJRSON04]. **Pb** [STWW01, AFB<sup>+94</sup>, BBB94, CMG<sup>+12</sup>, CCZ<sup>+21</sup>, CCC<sup>+03</sup>, GNT<sup>+17</sup>, HBCC13, LMS09, MLG<sup>+04</sup>, NOT<sup>+09</sup>, 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>, ERFFF11, 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, LWAS08, 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].

**peptides** [PRC<sup>+09</sup>]. **peracarid** [AFC<sup>+17</sup>, GBPB<sup>+13</sup>, WPB11]. **Peracarida** [BPBJ13, BCB07, MS11, RHW04, BSCE15, LMS15]. **Peragallo** [FHR<sup>+14</sup>].

**perch** [CM16a, CM16b, SCH<sup>+19b</sup>]. **perennially** [KSM<sup>+11</sup>]. **perform** [KKH<sup>+02</sup>]. **performance** [GGAMV<sup>+23</sup>, NCR<sup>+08</sup>, WJR<sup>+16</sup>, WPAP01].

**period** [BZMC20, CSS<sup>+22a</sup>, DC06, GGRJD<sup>+10</sup>, JDL<sup>+12</sup>, PPZ93, RSR05, RDBP14, RP18, SRC98, WO99, WJR<sup>+16</sup>, Wei99]. **periodic** [KJB<sup>+08</sup>].

**periodicity** [TLKT00]. **periods**

[BSM01a, Dri09, GBI10, ITMG18, RSF<sup>+99</sup>, vdLBB<sup>+02</sup>]. **peripheral** [SCD<sup>+22</sup>]. **periphery** [LPJ<sup>+19</sup>]. **Peritrich** [KBR18]. **permeable** [RTFB09].

**Permian** [PPR07]. **permitting** [RLH<sup>+03</sup>]. **Pérouse** [MAN<sup>+20</sup>]. **peroxide** [WWcW<sup>+15</sup>, YS01]. **Persian** [PSAY20]. **Persistence**

[BGS09, GS06a, WTCB09, GPMS<sup>+16</sup>, OS02, PLGCL09]. **persistent** [Bre93, LMH<sup>+18</sup>, dJMTGG11, SBHS20, SKR<sup>+12</sup>, WBA03, YNG<sup>+16</sup>, YSC<sup>+20</sup>].

**persists** [MASVB<sup>+19</sup>]. **personatus** [SLLT10]. **Perspective** [SL15a, AM07, BPRS11, BLG11, BSR08, Car07, CNM17, HXF<sup>+23</sup>, Har96, HMA20, Jam18, JBC<sup>+21</sup>, KPPL00, LK11, LSWM22, MA09, PBFS06, RAF<sup>+11</sup>, VAT23].

**Perspectives** [ETDB11, HZWW16, ASBR17, Bak98, LTF<sup>+19</sup>, PH19, Phi17, SMSI08, XGF18]. **perturbations** [SZH20, SL15b, ZMYS13]. **pertusa**

[AHVB<sup>+17</sup>, BRB<sup>+13</sup>, BR14, HWK<sup>+14</sup>, JBJ17, LPPCF10, NOFP14]. **Peru** [AGAB19, Bor01, DVCG<sup>+12</sup>, DOLP<sup>+09</sup>, FKW01, GBO01, HKR<sup>+01</sup>, HMW00, KHL<sup>+01</sup>, Kos01, KFW01, LKTS01, LAMLB18, MvSHD01, MLG<sup>+04</sup>, SM01, STWW01, TMGLM19]. **Peruvian** [MGGTM19, ÑB04].

**pesticides** [GSK96]. **Pete** [Ano18]. **Peter** [DCBS98, Lut15, SL15a].

**Petrogenesis** [SWB<sup>+18</sup>]. **petroleum** [BMB<sup>+18</sup>, LLG<sup>+16</sup>, TZ09]. **pH** [BBL<sup>+13</sup>, BTR95, CSW<sup>+18</sup>, CFT<sup>+04</sup>, CBB<sup>+95</sup>, GGCM17, TCH<sup>+16</sup>].

**Phaeocystis** [PMS<sup>+07</sup>, SDMC03, SLT<sup>+14</sup>]. **Phaeodaria** [PPC<sup>+07</sup>]. **Phase** [Ano06d, CL15, LWS21, SF10, SMP<sup>+15</sup>, WH98]. **phase-locking** [LWS21].

**Phased** [FVSRR14]. **phases** [FCW<sup>+15</sup>, NED09, STN<sup>+06</sup>]. **Phenology** [SAB08, DSC<sup>+19</sup>, NHCL14]. **phenomena** [BAC<sup>+02</sup>, BVGE<sup>+06</sup>].

**phenotype** [RHL<sup>+16</sup>]. **phenotypic** [Vri09]. **Philippine**

[ODH<sup>+07</sup>, WPD22, YXZ<sup>+22</sup>]. **Philippines** [BRCFP23]. **phocid** [BZMC20].

**Phoebastria** [PWB<sup>+06</sup>]. **phosphatase** [KN97]. **phosphate**

[DVS<sup>+97</sup>, FSK<sup>+05</sup>, GRSW00, LAW<sup>+05</sup>, PZK<sup>+05</sup>, RLD<sup>+15</sup>, 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].  
**Phycocerythrin** [CP03, SW01, WLC99]. **Phycocerythrin-containing** [CP03, SW01, WLC99]. **Phyllocarida** [HRS<sup>+</sup>23]. **Phyllococida** [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** [GWDP11, 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, 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, MKS<sup>+</sup>20].  
**physical** [MAB<sup>+</sup>01, MSS15, MMC11a, MFE<sup>+</sup>02, PWTH15, 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>+11</sup>, GCR<sup>+02</sup>]. **physico-chemical** [GCR<sup>+02</sup>]. **Physico-ecobiogeochemistry** [MNG<sup>+11</sup>]. **Physics** [McP08, SBB<sup>+19</sup>, FdBGP11, Hin09, MAR<sup>+15</sup>, SS02, SFK<sup>+12</sup>, SBvdL<sup>+02</sup>, TBB<sup>+14</sup>]. **physiological** [CKL03, NOFP14, Pon07, ROC<sup>+21</sup>, VSD<sup>+97</sup>]. **physiology** [ELP13, SSI<sup>+09</sup>]. **phytobenthic** [CB97]. **Phytodetritus** [BS98, SHD<sup>+96</sup>, GRD<sup>+08</sup>, PSK00a, SMD08]. **Phytopigments** [FBBW<sup>+10</sup>, SWBKK10]. **Phytoplankton** [ADS<sup>+02</sup>, AHGCNM<sup>+04</sup>, APB<sup>+09</sup>, APP<sup>+14</sup>, BH99b, CD99, CVF11, CBS<sup>+96</sup>, CWTJ03, DOC01, FMO02, FHYI03, GBH<sup>+01</sup>, GSMB01, GCI<sup>+01</sup>, GGSC03, HWTP07, HMH<sup>+02</sup>, HHX<sup>+10</sup>, KLM<sup>+02</sup>, KNN<sup>+06</sup>, LST<sup>+11</sup>, LS14a, LWDH06, LJL<sup>+12</sup>, LBB95, LB98b, MPG<sup>+97</sup>, MBHN02, MSK<sup>+06</sup>, MJW<sup>+06</sup>, MSJ<sup>+06</sup>, MAB<sup>+01</sup>, MAT<sup>+12</sup>, MNV<sup>+20</sup>, MSH<sup>+07</sup>, MMMC07, NGS<sup>+15</sup>, NCE<sup>+23</sup>, OS02, PHH<sup>+06</sup>, PMS<sup>+07</sup>, PZK<sup>+05</sup>, RLVF02, RVZ02, SRHP23, SMB<sup>+13</sup>, SHGB95, SLMP07, SAM<sup>+13</sup>, SWDB<sup>+14</sup>, SBC17, SFP<sup>+09</sup>, TBEW99, VSGM03a, VSGM03b, VPA<sup>+20</sup>, WCC05, WT14, WvdE00, WvdEP<sup>+10</sup>, ARNB01, AHML95, AMvD<sup>+12</sup>, Arm03, ALvD12, ALR<sup>+14</sup>, BPD<sup>+11</sup>, BE00, BMGF93, BMCF97, BMC99, BLM<sup>+14</sup>, BSK<sup>+97</sup>, BS01, BO96, BCDV02, BA01, BHHM<sup>+12</sup>, BM07, BLC<sup>+02</sup>, BTUV08, BES95, BOP95, CTBNL08, CGM<sup>+07</sup>, CSW<sup>+17</sup>, CLSS15, CKJ<sup>+16</sup>, CMBPM04, CBC02, DSB<sup>+18</sup>, DD95, DDN<sup>+04</sup>, DRD06, DEL<sup>+17</sup>, DCA09].

**phytoplankton**

[DNR20, DPS<sup>+11</sup>, DJR<sup>+01</sup>, DLL<sup>+15</sup>, DPY14, DKI<sup>+00</sup>, DB97b, DO96, DFMG01, ESK06, EGL<sup>+16</sup>, FAS<sup>+03a</sup>, FAS<sup>+03b</sup>, FSP<sup>+16</sup>, FCG<sup>+96</sup>, FJG<sup>+00</sup>, FWS94, FPB04, GAL<sup>+12</sup>, GAL<sup>+20</sup>, GTTKB14, GSB<sup>+23</sup>, GVW<sup>+19</sup>, GdRGH<sup>+14</sup>, GOGCDB18, GLW<sup>+97</sup>, HTD00, HOD<sup>+09</sup>, HVWH09, HTS<sup>+09</sup>, HDD<sup>+11</sup>, HS07, HLF08, HCS05, HALV18, HPY<sup>+15</sup>, HK08, HWS<sup>+98b</sup>, HHNK<sup>+04</sup>, HKO<sup>+17</sup>, HXC<sup>+22</sup>, HKY<sup>+16</sup>, IF95, JMN<sup>+15</sup>, JS14, JCF<sup>+06b</sup>, JLR<sup>+13</sup>, JKP<sup>+17</sup>, JZ93, JPZ93, JCPC09, JLJ<sup>+12</sup>, JSP<sup>+17</sup>, KF95, KJL<sup>+17</sup>, KKH<sup>+02</sup>, KAHS20, KYI10a, KYI10b, KLJ<sup>+16</sup>, KMDW01, KHC<sup>+09</sup>, KUN10, KIN<sup>+10</sup>, KMO<sup>+10</sup>, KWW04, KDG<sup>+97</sup>, KD00, KHL<sup>+17</sup>, LBMvdB14, LBC<sup>+98</sup>, LSB<sup>+02</sup>, LBR<sup>+08</sup>, LB98a, LSS<sup>+11</sup>, LPJ<sup>+16</sup>, LJL<sup>+17</sup>, LMG93, LDHI93, LL95, LWSZ13, LYN<sup>+13</sup>, LKL<sup>+13</sup>, LLH<sup>+15</sup>, LHZJ13, LL14, LCT<sup>+07b</sup>, LXS<sup>+13</sup>, LZZ<sup>+16</sup>, LBGW97, LAF<sup>+02</sup>, LLM<sup>+02</sup>, LLM<sup>+03</sup>, LvDA14, LPM<sup>+15</sup>, LG15, LSS<sup>+07</sup>, LPPK14, MBHP99, MCPA02, MC02, MLG<sup>+02</sup>, MKT<sup>+15</sup>].

**phytoplankton**

[MTK<sup>+18</sup>, MNMNS<sup>+04</sup>, MBL<sup>+15</sup>, MSS<sup>+02</sup>, MNPT06, MMT08, MHVM<sup>+08</sup>, MBDB<sup>+24</sup>, MSTT07, MKS<sup>+02</sup>, NGS<sup>+20</sup>, NKF<sup>+10</sup>, NMK<sup>+20</sup>, NR06, NL11, NRS14, NSvH<sup>+11</sup>, NKB95, OCL<sup>+08</sup>, OHK<sup>+02</sup>, OE06, OSCS00, ORFA<sup>+14</sup>, OS04, ÖCB<sup>+04</sup>, PSA14, PWD<sup>+11</sup>, PLT<sup>+13</sup>, PKW07, PDT<sup>+10</sup>, PDT<sup>+11b</sup>, Pee97, PHS<sup>+11a</sup>, PHS<sup>+11b</sup>, PHD<sup>+11</sup>, PVRA07, PW12, PABH07, RJM<sup>+15</sup>, RMCAR06, RBN<sup>+08</sup>, RHB<sup>+95</sup>, RJGBF02, RFLW00, RMK<sup>+14</sup>, STN<sup>+06</sup>, SLS<sup>+07</sup>, SMZ<sup>+08</sup>, SVC<sup>+08</sup>, SSI<sup>+99</sup>, SVD97, SAVP12, SRY04, SBQ<sup>+02</sup>, SLT<sup>+11</sup>, SOS01, SYS05, SSW05, SSE<sup>+14</sup>, SMHB00, SKK<sup>+16</sup>, SGM<sup>+14</sup>, SGM<sup>+02</sup>, SF08, SFB16, SP06, SFW<sup>+13</sup>, SFZ<sup>+13</sup>, SSI<sup>+09</sup>, Sva96, THZ06,

TS93, TPW07, TBW<sup>+11</sup>, TAL<sup>+12</sup>, TC06, TVLB08, TT01, URDP01, VH99, VFS02, VKGP<sup>+11</sup>, VPP07, VSC<sup>+11</sup>, WHF<sup>+19</sup>, WW04a, WGR<sup>+95</sup>, WJD<sup>+00a</sup>, WJD<sup>+00b</sup>, WDKC00, WLD<sup>+06</sup>, Wir94, WM99, WC06b, WW04b, Wya14]. **phytoplankton** [YOK<sup>+10</sup>, YOO<sup>+10</sup>, YHK15, YOI<sup>+09</sup>, YLK<sup>+15</sup>, YKJ<sup>+15</sup>, ZHD<sup>+08</sup>, ZOB<sup>+96</sup>, ZPT<sup>+13</sup>, ZAC<sup>+15</sup>, ZXH<sup>+13</sup>, ZHK<sup>+05</sup>]. **phytoplankton-derived** [BS01, SP06]. **Phytoplanktonic** [ME02, SLS<sup>+10</sup>, SWBKK10]. **Pico** [SF10, CAGL13, DB97a, DO96, STF09]. **Pico-** [SF10, CAGL13, DB97a, DO96, STF09]. **picocyanobacteria** [SW01]. **picoeukaryotic** [DHGO23, THZ06]. **Picophytoplankton** [BLB<sup>+99</sup>, BCO<sup>+96</sup>, HZL<sup>+12</sup>, LH01, LIS<sup>+02</sup>, PvRR18, WDG<sup>+02</sup>]. **Picoplankton** [RNR20, CP03, HCL<sup>+22</sup>, LKC96, LCT<sup>+07a</sup>, LLS<sup>+19</sup>, MGS<sup>+10</sup>, ZJH08, ZZX<sup>+13</sup>, ZZZ<sup>+16</sup>]. **picture** [MCH<sup>+13</sup>, SSUB15]. **Picturing** [HSZS17]. **Pigment** [BMGF93, BMCF97, HH93, MTBB00, SMS<sup>+08</sup>, ABKL96, BE00, BO96, ESK06, FHYI03, GCI<sup>+01</sup>, GdRGH<sup>+14</sup>, HTS<sup>+09</sup>, HPY<sup>+15</sup>, HS93, MAB<sup>+01</sup>, MAT<sup>+12</sup>, OE06, Pee97, RD97, RVZ02, SWDB<sup>+14</sup>, WDG<sup>+02</sup>, WvdE00, WvdEP<sup>+10</sup>, YOO<sup>+10</sup>, dBC<sup>+09</sup>]. **Pigmented** [LLS<sup>+19</sup>]. **pigments** [ALWW04, APB<sup>+09</sup>, BMC99, CCBL14, DPS<sup>+11</sup>, DNA97, LB98a, MCPA02, MKT<sup>+15</sup>, MR08, PLGCL09, PHH<sup>+06</sup>, RGHN<sup>+97</sup>, SMLS02, WC06b, WC09, WW04b]. **Piip** [BEZ<sup>+22</sup>, CSE<sup>+22</sup>, HRS<sup>+23</sup>, MG22, MFS<sup>+23</sup>, RKM<sup>+23b</sup>, SKS<sup>+23</sup>]. **pillars** [AHVB<sup>+17</sup>]. **pilot** [MMG98, TAB<sup>+16</sup>]. **Pine** [MAT<sup>+12</sup>, TAL<sup>+12</sup>]. **Pink** [FMC<sup>+20</sup>, ABC<sup>+05</sup>, CBA<sup>+05</sup>, MBC<sup>+09b</sup>, SMBL19, WBA<sup>+17</sup>]. **pinniped** [KRW03]. **pinnipeds** [CRF04, LWB<sup>+07</sup>]. **Pisces** [LCVV06, TTD13]. **Piscicolidae** [UC13]. **piscivores** [WTT<sup>+20</sup>]. **piscivorous** [BFSK08, BSR08, BSRM08, LTL<sup>+23</sup>, RMD<sup>+12</sup>, SBA18]. **piscivory** [GBP21]. **pitfalls** [BKST13]. **piúna** [KFS<sup>+17</sup>]. **place** [AAB<sup>+97</sup>, RDSA<sup>+21</sup>]. **place-based** [RDSA<sup>+21</sup>]. **Placopecten** [DVC14, TLW<sup>+94</sup>]. **plaice** [DKP<sup>+14</sup>]. **Plain** [GMBL10, KBG<sup>+10</sup>, LBM10, SWBKK10, Ala15, BPPJ15, BSCE15, CAK15, DJ15, EBGCL08, Gol15, GC15, Kam15, KWPB15, MA15, MMWM00, SA18, SC15, HLL<sup>+10</sup>, MLP<sup>+10</sup>, MZH<sup>+10</sup>, PLS<sup>+10</sup>, SRDV07]. **plains** [SA15b]. **plane** [Abr19]. **planed** [WCK<sup>+18</sup>]. **planipes** [RAL04]. **Planktic** [SBL<sup>+07</sup>, BCWT00, BS21, CB00b, MHG<sup>+04</sup>, SH00, SWZA02, WMW96]. **planktivores** [WTT<sup>+20</sup>]. **planktivorous** [BFSK08, OM98]. **Plankton** [AMV<sup>+09</sup>, ADG<sup>+08</sup>, BDW<sup>+96</sup>, BWS<sup>+98</sup>, BL06, BLS<sup>+08</sup>, FSK<sup>+02</sup>, GS06b, LTW<sup>+22</sup>, LDFS93, MPH<sup>+95</sup>, NMWH19, PGS14, PBD<sup>+02</sup>, RIBW99, RWZ<sup>+02</sup>, SVS93, ZSZ<sup>+19</sup>, Ano97b, Arm03, ADGA01, AGP05, AMTE09, BLSW05, BC05, BOHW22, BKY<sup>+17</sup>, CAGL13, CMV<sup>+20</sup>, CD20, DGMS96, DPS<sup>+14</sup>, DSN<sup>+20</sup>, EB01, FPHH<sup>+09</sup>, FSG02, FG97, FC09, GDE<sup>+96</sup>, GOD<sup>+01</sup>, GSW<sup>+09</sup>, HAH<sup>+01</sup>, HWCT08, HNCW23, IGN<sup>+10</sup>, IHI<sup>+97</sup>, JCF<sup>+06a</sup>, JWS01, KBL01, KM98, LLR<sup>+06</sup>, LCD01, LW04, MY99, MP99, MBd05, OC00, PP93, PAVGBG02, PTD<sup>+14</sup>, PDE<sup>+16</sup>, STK02, SMV<sup>+03</sup>, SHI06, SPSM23, SFR<sup>+06</sup>, SRF<sup>+09a</sup>, SBB<sup>+19</sup>, TBB<sup>+11</sup>, VSD<sup>+97</sup>, VSV<sup>+97</sup>, WBM96, WMS<sup>+96</sup>, WBBM01, WBML06, YWI<sup>+02</sup>, PTD<sup>+14</sup>]. **Planktonic**

[ABB<sup>+01</sup>, BHC<sup>+01</sup>, CSGC03b, HSH<sup>+13</sup>, Hus16, KTL<sup>+00</sup>, Ang10, AKHR<sup>+20</sup>, DP02, HSY08, JBOH10, KKNH02, LH07, MBH<sup>+96</sup>, MBC<sup>+09a</sup>, OT03, Qué13, QLU09, RVJG<sup>+02</sup>, RVJG<sup>+05</sup>, RJDR06, RPJ<sup>+06</sup>, SDMS06, WLZ<sup>+19</sup>, dLC<sup>+14</sup>]. **plant** [YERT13]. **Plastic** [FEB<sup>+15</sup>, HKY<sup>+13</sup>]. **plasticity** [NSvH<sup>+11</sup>, Vri09]. **Plata** [RDdL<sup>+13</sup>]. **Plate** [LRL<sup>+22</sup>]. **Plateau** [BSL08a, BQT08, Di 10, MAR<sup>+17</sup>, VPP07, ZLJ08, vBBR<sup>+08</sup>, BBE<sup>+13</sup>, Har11, NHD11, ACQ<sup>+08</sup>, ACBMQ08, BvWR<sup>+20</sup>, COV<sup>+08</sup>, JDS<sup>+08</sup>, JBM<sup>+08</sup>, MWK<sup>+20</sup>, MMT08, NMN<sup>+17</sup>, PFDG08, PRDF08, PVRA07, PMS<sup>+07</sup>, SMS<sup>+07</sup>, SLMP07, SCSMT20, VPSL15, WWHT20, ZDW<sup>+20</sup>]. **plateaus** [MGT<sup>+20</sup>]. **platessoides** [DKP<sup>+14</sup>]. **Platform** [WKM<sup>+07a</sup>, AML<sup>+19</sup>, KJB<sup>+08</sup>, TFP<sup>+16</sup>, SWB<sup>+18</sup>]. **platforms** [Fed13, HMGD17, TWL<sup>+15</sup>]. **Plausible** [WCJ<sup>+11</sup>]. **Pleistocene** [AKI<sup>+16</sup>, CRM<sup>+16</sup>, FS07, Hus16, IKR<sup>+12</sup>, KOS<sup>+16</sup>, KKT16, Led93, MA05, PDBH03, TRO16, Zar16]. **Pleuragramma** [OMG<sup>+11</sup>]. **Pleurobrachia** [MCCM<sup>+98</sup>]. **Pleuroncodes** [RAL04]. **Pleuronectiformes** [TTD13]. **Plio** [BCA<sup>+03</sup>]. **Plio-Quaternary** [BCA<sup>+03</sup>]. **Pliocardiinae** [LVJC17]. **Pliocene** [FSG02, Hus16, KOS<sup>+16</sup>, KKT16, LW15, TRO16, YK16]. **plume** [DWHM06, KCMA05, KCA05, SP19a, VT09, ZPG14, ZA16, HTML98]. **plume-associated** [ZA16]. **plumes** [CBB<sup>+98</sup>, FBL<sup>+98</sup>, GOH<sup>+15</sup>, JBS<sup>+98</sup>, KLL098, LAPL<sup>+16</sup>, MMHB98, MBF<sup>+98</sup>, OS04, Phi17, PSWF19, TH99]. **PlumEx** [GJC98, SMY<sup>+98</sup>]. **plunderfishes** [LCVV06]. **plunge** [YKN07]. **plutonium** [HAP03, HPK<sup>+97</sup>, LGP<sup>+03</sup>]. **Po** [?]Chen:2021:DIP,Verdeny:2009:PEO. **POC** [AT10, ALH<sup>+01</sup>, BDWG02, BHMK08, BCS99, CBB<sup>+00</sup>, DP07, FS02, GMR06, GGRW98, LCL<sup>+09</sup>, MGR03b, ME02, MKH<sup>+05</sup>, VMGO<sup>+09</sup>]. **pockmark** [BNP<sup>+09</sup>, CBNR<sup>+09</sup>, OCG<sup>+09</sup>]. **pockmarks** [CSG<sup>+15</sup>, GPBV<sup>+07</sup>]. **pod** [OMAA18]. **pod-specific** [OMAA18]. **POGO** [TSDG13]. **Point** [LPAR24, Osc01, CPM<sup>+18</sup>, CGR<sup>+00</sup>, RA98, VLK06]. **points** [HIA<sup>+16</sup>, MPH<sup>+16</sup>]. **poisoning** [ACK<sup>+14</sup>, BMH05, DCD<sup>+14</sup>, KAM<sup>+14</sup>]. **Polar** [ARLB00, ARNB01, AS02a, AF01, BCVCHW04, BVB14a, BVB<sup>+14b</sup>, BHJ<sup>+14</sup>, CSW<sup>+17</sup>, CSP05, DURP03, DO01, DLB02, DSJ<sup>+11</sup>, GSK02, HPM02, JSSW14, LSB<sup>+02</sup>, MEB<sup>+23</sup>, MAB<sup>+01</sup>, MLBB14, PH17, PRMM<sup>+17</sup>, RTB02, RPZ<sup>+14</sup>, RFB97, SM00, SLA<sup>+01</sup>, SKMDR02, SGB<sup>+02</sup>, SBvdL<sup>+02</sup>, SWGPK17, SLB13b, TPS<sup>+15</sup>, URDP01, WMA11, WZB<sup>+14</sup>, vFvdBB<sup>+02</sup>, vdLBB<sup>+02</sup>, CSS<sup>+22b</sup>, EG0022, Fed13, JLTD11, JMN<sup>+15</sup>, NGS<sup>+20</sup>, ODR<sup>+09</sup>, PBB<sup>+13</sup>, RBJW16, SJD<sup>+11</sup>, TWA<sup>+12</sup>, TPW<sup>+16</sup>, TRHA01, TTL<sup>+16</sup>, WF13, BGD11, BL01b, CEG<sup>+11</sup>, CHR97, DPS<sup>+11</sup>, ETDB11, FGW02, FS07, FBCN00, JDD<sup>+11</sup>, KMD<sup>+01</sup>, LBR<sup>+11</sup>, RGTV97, SHB14, TLK<sup>+02</sup>, WGWW11]. **Polarstern** [FdBGP11, Kyt02b, Kyt02c, RSD<sup>+97</sup>, SDB<sup>+97</sup>, SBvdL<sup>+02</sup>]. **Poleward** [SHKW05, KLM13, PSK<sup>+00b</sup>]. **Pollock** [WWN<sup>+22</sup>, BCBB12, Blo02, BWC<sup>+02</sup>, BOKA16, CBSS02, CP02, DABF<sup>+16</sup>, EZB<sup>+20</sup>, EBG<sup>+22</sup>, EMB<sup>+22</sup>, GEP<sup>+16</sup>, GBP21, HSFN13, HPH<sup>+16</sup>, JHHK14, LSWH07, MES<sup>+23</sup>, MZH16, PHH<sup>+16</sup>, SHN<sup>+07</sup>, SHM13, SNS<sup>+16</sup>, SDAH<sup>+12</sup>,

SSDA13, SCD<sup>+22</sup>, SHPM14, WCS07]. **pollutant** [PP95]. **pollutants** [dJMTGG11]. **Pollution** [LCW<sup>+07</sup>, CMP14, FEB<sup>+15</sup>, GGM<sup>+16</sup>, KKSA19]. **polybrominated** [CHW<sup>+12</sup>]. **Polychaeta** [Ala15, KEA<sup>+17</sup>, MHC<sup>+10</sup>, QRE<sup>+17</sup>, RRT<sup>+17</sup>, SE07, STB<sup>+17</sup>, VHM17, WS11]. **Polychaete** [Ala15, CBMM15, QNL<sup>+16</sup>, SBP13, Ala22, CDM23, DCH04, PWCL98, SPB<sup>+10</sup>]. **Polychaete-parasitizing** [CBMM15]. **Polychaetes** [Hil04, Ala13, Ala18, GLMB18, LG00, LZM<sup>+13</sup>, NRSL17, PGF<sup>+09</sup>, WPSB11]. **Polychaetous** [OBKA17]. **Polycyclic** [HTPM14, HT17, LTS<sup>+97</sup>, WSS<sup>+08</sup>]. **polycystine** [WPJW96]. **Polymer** [VS10]. **polymetallic** [AS01a, SSI19, TTU01]. **Polymorphism** [EGOO22, EBG<sup>+22</sup>, MN10]. **polymorphisms** [BLBW<sup>+11</sup>, XSL<sup>+17</sup>]. **polynoid** [GLMB18]. **Polynoidae** [STB<sup>+17</sup>]. **Polynya** [CCK<sup>+16</sup>, DFF02, HKY<sup>+16</sup>, KCY<sup>+16</sup>, CKJ<sup>+16</sup>, JLY<sup>+16</sup>, LLK<sup>+16</sup>, LPJ<sup>+16</sup>, MBDB<sup>+24</sup>, TLP<sup>+12</sup>, WZW<sup>+22</sup>, HBB03]. **Polynyas** [TAL<sup>+12</sup>, ALvD12, MAT<sup>+12</sup>, WBA03]. **polysaccharide** [AZYT16, LZS<sup>+18</sup>]. **polysaccharides** [KMD<sup>+01</sup>]. **polyunsaturated** [Kha18]. **POM** [BHMC05, GK02, PMJW10, SBN<sup>+15</sup>]. **Pompeii** [DCA<sup>+98</sup>]. **pompejana** [DCA<sup>+98</sup>]. **pond** [PSA14]. **Pontinus** [CSM13b]. **pool** [KNG02, KIY<sup>+05</sup>, LBD<sup>+02</sup>, SYT<sup>+10</sup>, VDS<sup>+20</sup>, WJS<sup>+10</sup>, BLG15, GdRGH<sup>+14</sup>]. **pools** [YOI<sup>+09</sup>]. **poor** [GEP<sup>+16</sup>]. **Poorly** [HB19, FM13, HBV19, HBVG20, HBVG22]. **pop** [CFK15, WCK<sup>+18</sup>]. **pop-up** [CFK15, WCK<sup>+18</sup>]. **Population** [BLBW<sup>+11</sup>, BTFB12, BTM<sup>+98</sup>, DHST13, KYI10b, LMLJ18, NKK<sup>+00</sup>, RCCP13, TTD13, WMW<sup>+20</sup>, WT12, WZ14, YOO<sup>+10</sup>, BTC13, BK96b, BAD<sup>+14</sup>, BSR08, CWSH20, CMH09, CRBK03, DKT<sup>+01</sup>, DQC14, DOC01, EGMB13, EBM<sup>+18</sup>, ESAG10, HRG<sup>+16</sup>, HZL94, JLB<sup>+99</sup>, KAM<sup>+20</sup>, KL03, LMDW06, MDTS11a, MWK<sup>+20</sup>, MGJ<sup>+18</sup>, PJLO<sup>+17</sup>, QRE<sup>+17</sup>, RJB<sup>+04</sup>, RFF<sup>+02</sup>, SGI<sup>+19</sup>, SW08, SN00, WLT20, XSL<sup>+17</sup>]. **populations** [BW04, CFGR07, CLL<sup>+03</sup>, CRT<sup>+00</sup>, EWBW99, FVSR14, FG07, GDD<sup>+09</sup>, KCMA05, KCA05, KRW03, LKC96, LB98a, MTK05, MALT05, PHD<sup>+11</sup>, PKA05, RHZ<sup>+03</sup>, SH00, SLHS20, SBSW07, SMB<sup>+18</sup>, TSP<sup>+18</sup>, TSSR20, TLP<sup>+19</sup>, WBBM01, WBML06, YNG<sup>+16</sup>]. **Porcupine** [SKdS<sup>+14</sup>, BRG17, GMBL10, HLL<sup>+10</sup>, KBG<sup>+10</sup>, LBM10, MLP<sup>+10</sup>, MZH<sup>+10</sup>, PLS<sup>+10</sup>, RRL<sup>+14</sup>, SWBKK10]. **Pore** [GRSW00, HKR<sup>+01</sup>, SHM<sup>+07</sup>, WKM<sup>+07a</sup>]. **Pore-water** [GRSW00]. **Porewater** [WSB<sup>+09</sup>, HBT<sup>+08</sup>]. **Porifera** [GJ11, HRX17, JTT04, JT07]. **porosity** [TGFE02]. **porpoise** [BvGH<sup>+17</sup>, MOA<sup>+18</sup>]. **porpoises** [ATM<sup>+07</sup>]. **PORT** [LGK15, BS03, CRBK03, CKL03, KFG<sup>+03</sup>, KRW03, KL03, LT03, RHZ<sup>+03</sup>, SGD<sup>+03</sup>]. **portal** [GDC11]. **Portimao** [BVGE<sup>+06</sup>]. **portion** [GGAMV<sup>+23</sup>, SHY<sup>+08</sup>]. **portrait** [EMB<sup>+22</sup>]. **Portugal** [CGPM13, PGPI<sup>+13</sup>, MT11, MTMH11]. **Portuguese** [GdSP11, CPA<sup>+11</sup>, GSdS<sup>+14</sup>, KBI<sup>+11</sup>, SMR<sup>+06</sup>, dSJB<sup>+11</sup>]. **Portunidae** [VAM97]. **POSEIDON** [BSS<sup>+02</sup>, KTP<sup>+20a</sup>, KTP<sup>+20b</sup>, MMXS02, KFH01, SMS03]. **position** [BCNS15, CCM<sup>+20</sup>, CNOC13, KME18, LGP<sup>+15</sup>, NRH<sup>+06</sup>]. **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>+14</sup>, MGJ<sup>+18</sup>, ÖCB<sup>+04</sup>, SMB<sup>+18</sup>, VGD14].  
**presence-background** [VGD14]. **present**  
 [BHS<sup>+10</sup>, HTTS12, HHMF11, Kos01, Sig17, WYOS18]. **Preservation**  
 [STR<sup>+14</sup>, GRD<sup>+08</sup>, HZWW16, ID19, ILWH03, ZB00]. **preserved**  
 [ACQ<sup>+08</sup>, SSAF02]. **pressure** [AFC<sup>+17</sup>, BCM02, Dan95, KRF01, LMG93,  
 LAPL<sup>+16</sup>, OACA19, PW05, TGRB02, TGG<sup>+09</sup>, TY98, ŽSN<sup>+18</sup>, BY09].  
**pressures** [CG07, TS13]. **Prestige** [CMP14]. **presumed** [NDD<sup>+14</sup>].  
**Prevalent** [AHVB<sup>+17</sup>]. **previous** [EMG<sup>+15</sup>]. **Prey**  
 [HDJP05, Ant10, BWC<sup>+02</sup>, BD06, BOKA16, CSA<sup>+09</sup>, CBK<sup>+07</sup>, CBA<sup>+05</sup>,  
 EHK<sup>+20</sup>, FRH<sup>+98</sup>, KY17, KIM08, LTL<sup>+23</sup>, LTS<sup>+13</sup>, NYH<sup>+20</sup>, NSBL94,  
 RSWG04, SMA<sup>+17</sup>, SKR<sup>+12</sup>, SVJ<sup>+08</sup>, SLLT10, STS<sup>+15</sup>, UKM16, ZFP<sup>+16</sup>].  
**prey-predator** [LTL<sup>+23</sup>]. **preying** [GMD07]. **Pribilof**  
 [BSR08, BSRM08, CRJ<sup>+08</sup>, CBSS02, FSK<sup>+02</sup>, HSSN08, JVDH08, Loh08,  
 Mac08, MSMS08, MiSW08, PC08, RMD<sup>+12</sup>, SVJ<sup>+08</sup>, SKM<sup>+08</sup>, SKMS08].  
**primarily** [OUJ<sup>+19</sup>]. **Primary**  
 [BSL<sup>+96</sup>, BMB<sup>+01</sup>, CMT93, DNH<sup>+02</sup>, EBB<sup>+08</sup>, HMS<sup>+03</sup>, IHSS<sup>+10</sup>,  
 KDG<sup>+97</sup>, KNC<sup>+09</sup>, LRV<sup>+02</sup>, MSJ<sup>+06</sup>, MPH<sup>+22</sup>, MBK08, OMS06, PMG<sup>+22</sup>,  
 SCM<sup>+02</sup>, SHF<sup>+95</sup>, SGW<sup>+00</sup>, TAMTC<sup>+13</sup>, VMBS03, VMI<sup>+08</sup>, VSV<sup>+97</sup>,  
 WGMW10, WGWW11, AHGCNM<sup>+04</sup>, Ano97c, AvD04, BRSIW95, BGKB06,  
 CFS<sup>+06</sup>, CMG<sup>+11</sup>, CC03, DSB<sup>+18</sup>, DS21, DSC<sup>+01</sup>, FME<sup>+09</sup>, FRW00,  
 FDM<sup>+97</sup>, GSMB01, GWWL03, Gra09, HC05, HKO<sup>+17</sup>, HNRGL06, INTS02,  
 JEK<sup>+15</sup>, JBS<sup>+13</sup>, JDL<sup>+12</sup>, JPSB93, JSP<sup>+17</sup>, KCD<sup>+96</sup>, KNB11, KN05,  
 LUV99, LLB<sup>+00</sup>, LMM<sup>+97</sup>, LMvDA16, LCT<sup>+07b</sup>, LCL<sup>+10</sup>, LZZ<sup>+16</sup>,  
 LMC<sup>+12</sup>, LAF<sup>+02</sup>, LFHM97, MGR<sup>+03a</sup>, MDH<sup>+98</sup>, MFG<sup>+93</sup>, ML20,  
 MAA<sup>+04</sup>, MAA<sup>+05</sup>, MLK<sup>+12</sup>, MBP09, NED09, OBWK01, OBM<sup>+93</sup>, PFC19,  
 PC00, RCF<sup>+16</sup>, SBM16, SG99, SWO<sup>+01</sup>, SMHB00, SGB<sup>+02</sup>, SGP<sup>+02</sup>,  
 SLB<sup>+15</sup>, Sva96, TSPH09, TPS<sup>+15</sup>, UWvdE<sup>+16</sup>, VFS02, VSSN96, VRL<sup>+02</sup>,  
 WPG<sup>+07</sup>, WCRG95, WDM<sup>+05</sup>, WSL07, WAK<sup>+12</sup>, WCH05]. **primary**  
 [WMM02, WWC<sup>+99</sup>, YKSI19, vRPD<sup>+18</sup>]. **PRIME**  
 [SIBW01, WH01b, WPAP01, KFHR05, vHHH<sup>+11</sup>]. **PRIMI** [TAB<sup>+16</sup>].  
**primitive** [TB98]. **Primnoa** [AELP14]. **Primnoella** [PB13]. **Primnoidae**  
 [AL14]. **Prince** [Cam18, CBA<sup>+05</sup>, FPGH02, GKR<sup>+18</sup>, GFPM02, HPM02,  
 LB18, LMH<sup>+18</sup>, MC18b, MOA<sup>+18</sup>, SNMH18]. **princeps** [CGD<sup>+15</sup>].  
**principal** [WDMEL01]. **prions** [vFvdBB<sup>+02</sup>]. **prior** [YK16]. **Priorities**  
 [MSvL17]. **prioritisation** [AH17]. **prioritization** [DLW<sup>+17</sup>]. **probability**  
 [Pap05b]. **Probable** [LPMS09]. **probe** [MGT16]. **probes**  
 [AKK<sup>+05</sup>, BFK<sup>+14</sup>]. **Probing** [TVLB08]. **Problem**  
 [IPLCHRM19, BKS<sup>+16</sup>, HZL94]. **problems** [Joh19]. **procedures**  
 [SS05a, SS05b]. **Proceedings** [MDLvW14, Ano07c, HD07, PTP09]. **Process**  
 [LMB<sup>+98</sup>, MCG<sup>+98</sup>, MJG95, SMBM99, BKM07, BJP<sup>+22</sup>, CFKS05, CFS09,  
 CMC<sup>+02</sup>, KRAS24, LBM10]. **process-based** [BJP<sup>+22</sup>]. **process-oriented**  
 [BKM07]. **Processes** [Ano05c, BN05, BCM02, CMRL11, GHGMI05, HB03,  
 KMLT06, LL00, MKVT<sup>+04</sup>, PVT<sup>+21</sup>, RMC<sup>+08</sup>, RH94, WMM02, AGL<sup>+19</sup>,  
 AGN<sup>+02</sup>, AM02, BFL<sup>+20</sup>, BB09, BGOL01, Bis94, BFF94, BASLK04, BE09,



BEB11, BW14, CWSH20, CMG<sup>+12</sup>, CCS<sup>+16</sup>, CL09, DRD06, DS24, DBD03, DDB<sup>+17</sup>, DCR94, Dia04, DBDT03, DFK<sup>+06</sup>, DGS<sup>+05</sup>, DJC<sup>+14</sup>, ES04, EWA<sup>+03a</sup>, EWA<sup>+03b</sup>, FGH<sup>+13a</sup>, GBH<sup>+01</sup>, GSMB01, Gar04, GBP00, GF07, Gre04, HKR<sup>+01</sup>, HRM<sup>+06</sup>, HDF<sup>+01</sup>, HSO04, HSM<sup>+01a</sup>, Hin09, IBB<sup>+02</sup>, KM05a, KWA<sup>+20</sup>, KHL<sup>+15</sup>, KMO09, KSB<sup>+03</sup>, LWLS98, LBM<sup>+17</sup>, LBD<sup>+22</sup>, Lin16, LL14, LPSS03, Liv95, LSA14, LWGS00, MC05, MSK<sup>+06</sup>, MJW<sup>+06</sup>, MSJ<sup>+06</sup>, MMS<sup>+16</sup>, MHdS<sup>+11</sup>, MBS<sup>+13</sup>, MGH<sup>+16</sup>, MSGO18, NTA<sup>+10</sup>, OHT12, OGBF08, OBH<sup>+19</sup>, OAH<sup>+16</sup>, OGG<sup>+20</sup>, PTD<sup>+17</sup>, PMJ20, PN93, RÇG18, SCM<sup>+02</sup>, SSG14, SIS<sup>+02</sup>, SRF95, SKM01, STM04a, STM04b, SBD<sup>+97</sup>, SNFK20]. **processes** [SDMS06, SYZ<sup>+24</sup>, SWGPK17, SD22, TSZT13, TKF16, TAB<sup>+05</sup>, UIS<sup>+03</sup>, WPD22, WDD<sup>+22</sup>, WCH05, ZTZ09, vFvdBB<sup>+02</sup>, vHSM04b]. **processes-induced** [WDD<sup>+22</sup>]. **processing** [BFM<sup>+14</sup>, CLPL<sup>+09</sup>]. **Prochaetoderma** [SI09]. **Prochaetodermatidae** [SI09]. **Prochlorococcus** [JLB<sup>+99</sup>, LCL<sup>+98</sup>]. **produced** [OCL<sup>+08</sup>, OBRJ01]. **producer** [OMS06]. **producers** [NED09]. **producing** [JS14, MFH04]. **Product** [Ano99n, MDI<sup>+12</sup>]. **Production** [CB97, CK03, CWdE99, DOB<sup>+01</sup>, HTS<sup>+09</sup>, PDE<sup>+16</sup>, AHGCNM<sup>+04</sup>, Ano97c, AvD04, AMN<sup>+02b</sup>, AM02, AMK<sup>+05</sup>, BTB<sup>+08</sup>, BLSW05, BBH05, BH99a, BDO00, BCDV02, BFML<sup>+08</sup>, BRSIW95, BGKB06, BZvHH00, BBV00, BLB<sup>+99</sup>, BLC<sup>+02</sup>, BBD<sup>+03</sup>, BT15, CRD01, CFS<sup>+06</sup>, CEG<sup>+11</sup>, CC03, Che03, CCW<sup>+08</sup>, CCZ<sup>+21</sup>, CMT93, CCK<sup>+16</sup>, CMB12, CJM<sup>+22</sup>, DSB<sup>+18</sup>, DS21, DCL<sup>+09</sup>, DCA09, DSO<sup>+97</sup>, DBN<sup>+11</sup>, DO01, DCK01, Duc93, DDK<sup>+00</sup>, DWHM06, DCF<sup>+11</sup>, DSJ<sup>+11</sup>, EBB<sup>+08</sup>, ECS<sup>+17</sup>, FAS<sup>+03a</sup>, FAS<sup>+03b</sup>, FME<sup>+09</sup>, FRW00, FPB04, GSMB01, GWR93, GBP00, GSW<sup>+09</sup>, GSGS01, GWWL03, GVD<sup>+97</sup>, GLW<sup>+97</sup>, Gra09, GCB04, GFW07, Hat02a, dITGCAB<sup>+03</sup>, HGAB04, HC05, HALV18, HDCM95, HK10, HKO<sup>+17</sup>, HdBB<sup>+02</sup>, HNRGL06, HRG<sup>+16</sup>, HKY<sup>+16</sup>, IIM02, JLTD11, JDL<sup>+12</sup>, JWC<sup>+01</sup>, JSP<sup>+17</sup>, JAM<sup>+14</sup>, KCD<sup>+96</sup>, KNG02, KPPL00, KKK<sup>+17</sup>, KRB95, KHC<sup>+09</sup>, KLM<sup>+02</sup>, KEPZ93, KNB11]. **production** [KLD21, KDG<sup>+97</sup>, KC00, LUV99, LST<sup>+11</sup>, LHD<sup>+22</sup>, LLB<sup>+00</sup>, LQF<sup>+02</sup>, LPJ<sup>+16</sup>, LMM<sup>+97</sup>, LMvDA16, LDHI93, LZS<sup>+18</sup>, LCL<sup>+98</sup>, LKH<sup>+07</sup>, LCT<sup>+07b</sup>, LZZ<sup>+16</sup>, LBGW97, LRV<sup>+02</sup>, LMC<sup>+12</sup>, LAF<sup>+02</sup>, LFHM97, MDH<sup>+98</sup>, MDH08, MFG<sup>+93</sup>, MC02, MBHB09, MBK08, MGNB96, MPC99, MNB02, ML20, ME02, MBP09, MCL<sup>+12</sup>, MQD06, MLS<sup>+15</sup>, NISG05, NL11, NW01, NPA<sup>+22</sup>, OBWK01, Osc01, OBM<sup>+93</sup>, PAVGBG02, PFC19, PC00, PC08, PCAS05, PKZ93, PMG<sup>+22</sup>, PDS00, PGK14, QB02, RBJW16, RGS<sup>+97</sup>, RHD<sup>+18</sup>, RlBW99, RSW<sup>+00</sup>, RAL<sup>+01</sup>, RCF<sup>+16</sup>, RPJ<sup>+06</sup>, SCM<sup>+02</sup>, SM00, Sam01, SMV<sup>+03</sup>, SMS<sup>+07</sup>, SHGB95, SG99, SLT<sup>+11</sup>, SFW08, SFR<sup>+06</sup>, SRF<sup>+09a</sup>, SBSH99, SGC03, SRF95, SWO<sup>+01</sup>, SNS<sup>+16</sup>, SNB02, SSP<sup>+06</sup>, SR08b, SKK<sup>+16</sup>, SBH<sup>+02</sup>, SVS<sup>+20</sup>, SMG<sup>+07</sup>, SD96, SZS<sup>+07</sup>, SAB<sup>+07</sup>, SGB<sup>+02</sup>, SGP<sup>+02</sup>, SFB16, SNW08, Sva96, SHC<sup>+00</sup>, TAMTC<sup>+13</sup>, TGRB02, TSPH09, TGFP02, TLK<sup>+02</sup>]. **production** [VFS02, VSSN96, VRL<sup>+02</sup>, VMI<sup>+08</sup>, VSV<sup>+97</sup>, WPG<sup>+07</sup>, WCRG95, WDM<sup>+05</sup>, WCMB06, WB01, WT12, WGWW11, WAK<sup>+12</sup>, WWN<sup>+02</sup>,

YOO<sup>+10</sup>, YCYTKB06, Zel01, ZXLL10, ZJA16, ZT00, Zon07, MPH<sup>+22</sup>].

**productive**

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

**Productivity** [Ake19, FLMF07, JZ93, JPZ93, OTA<sup>+05</sup>, ZTZB09, AMN<sup>+02a</sup>, AMvD<sup>+12</sup>, BRG<sup>+19</sup>, BSL<sup>+96</sup>, BMB<sup>+01</sup>, BBE<sup>+13</sup>, BLD<sup>+06</sup>, BVB<sup>+14b</sup>, Car07, Car01, CMG<sup>+11</sup>, CHH19, DNH<sup>+02</sup>, DPS<sup>+11</sup>, DSC<sup>+01</sup>, DC96, FL02, FDM<sup>+97</sup>, GMR<sup>+05</sup>, GVW<sup>+19</sup>, GNHS05, HdVGHM02, HMS<sup>+03</sup>, HHNK<sup>+04</sup>, INTS02, IHSS<sup>+10</sup>, IMP<sup>+02</sup>, JRJ<sup>+22</sup>, JEK<sup>+15</sup>, JBS<sup>+13</sup>, JPSB93, KBL01, KT05, KWW<sup>+12</sup>, KLKB95, KD00, KNC<sup>+09</sup>, KRG<sup>+01</sup>, KN05, LLR<sup>+06</sup>, LJL<sup>+12</sup>, LGVK<sup>+14</sup>, LCL<sup>+10</sup>, LAT<sup>+18</sup>, MPH<sup>+95</sup>, MPG<sup>+97</sup>, MGR<sup>+03a</sup>, MSJ<sup>+06</sup>, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MLK<sup>+12</sup>, MBT97, NFD<sup>+02</sup>, NZT97, PPA10, PGC<sup>+11</sup>, PG07, RBB<sup>+97</sup>, SMZ<sup>+08</sup>, SBM16, SHF<sup>+95</sup>, SLMP07, SMHB00, SBH<sup>+02</sup>, SGW<sup>+00</sup>, SLB<sup>+15</sup>, TPS<sup>+15</sup>, UWvdE<sup>+16</sup>, VMBS03, VAMPR<sup>+17</sup>, WSL07, WMW96, WGMW10, WCH05, WMM02, WDKC00, WWC<sup>+99</sup>, WM99, YKS119, YKJ<sup>+15</sup>, vRPD<sup>+18</sup>]. **products**

[AGGdC14, GF07, SHH03, bsBD<sup>+20</sup>]. **Prof.** [MLB<sup>+10</sup>]. **Professor** [EG96].

**profile** [GMK<sup>+08</sup>, KK20, TR02]. **Profiler**

[SHY<sup>+08</sup>, BMM<sup>+99</sup>, HVBO08, LDHO<sup>+14</sup>, TSDG13]. **profiles**

[BHB<sup>+07</sup>, DPS<sup>+14</sup>, DPY14, DM16b, Eif05, HKR<sup>+01</sup>, HBT<sup>+08</sup>, JW05b,

PTD<sup>+14</sup>, SE95, SHM<sup>+07</sup>, SIFS10, ULH<sup>+21</sup>, YKS03, JW05a]. **profiling**

[BS05, BS06, CWS<sup>+23</sup>, GLK<sup>+06a</sup>, HB03, KOR06, PNVJ13]. **profunda**

[LZS<sup>+18</sup>]. **profundorum** [BCNS15]. **prognosis** [MSvL17]. **prognostic**

[CBF01, FC01]. **Program** [Ano14, CRR01, DTJ<sup>+14</sup>, DB16, RK08, SA03,

Urb20, ZDO19, BRPI02, BAH<sup>+95</sup>, Eck94, FH09, HWCT04, KL96a, LBL08,

Mar02, MK96, MH02, NLDJ14, POA<sup>+16</sup>, TIKS03, WPW<sup>+14</sup>, Zim19, Ano06f,

Bau02, Beg18, VBF<sup>+02</sup>]. **programmable** [BTLC98]. **programme**

[BMML06, CA06b, LFM02, PH19, PBB<sup>+13</sup>, RHJ06, RPH<sup>+06</sup>, RHJL09].

**programs** [BNM08, FK98, PSK<sup>+14</sup>, SH02]. **Progress**

[CB09b, HTK<sup>+10</sup>, HLA<sup>+06</sup>, Ano22o, BMR<sup>+14</sup>, MSvL17, Pra04].

**progression** [NBSF01]. **progressive** [HAC<sup>+14</sup>]. **Project**

[Ano06d, FSP<sup>+16</sup>, GBB<sup>+17</sup>, HS13, LS14b, VNA<sup>+16</sup>, BTD11, CW09, Ell93,

FSM93, MFH04, MSV18, PIP<sup>+02</sup>, PBB<sup>+13</sup>, ROB<sup>+17</sup>, RBDO17, RTM<sup>+20</sup>,

RT20, SRS<sup>+15</sup>, SWO<sup>+01</sup>, SMD08, TAB<sup>+16</sup>, ZDBG05, Ano05b, DKSF01,

GH05, GHS09, MF93b, NL11]. **Projected**

[AJP<sup>+22</sup>, BLG15, HGB<sup>+16</sup>, HKC<sup>+21</sup>, RHPR15, WOS12]. **projection**

[MCSF15, QQJ<sup>+21</sup>]. **projections** [MAH<sup>+12</sup>, PCH<sup>+22</sup>, TdFAL19, WYOS18].

**Prokaryoplankton** [HZT<sup>+06</sup>]. **Prokaryote** [DCL<sup>+09</sup>]. **prokaryotes**

[Kel10, RDV<sup>+09</sup>, SIFS10]. **Prokaryotic**

[LPAR24, PAVGBG02, LLS<sup>+19</sup>, RGH<sup>+24</sup>, VGBGPA02]. **proliferation**

[PSA14]. **prolonged** [BY09, MCM<sup>+14</sup>]. **prominent** [PKZ<sup>+19</sup>]. **promotes**

[BWL01, HDR<sup>+11</sup>]. **promotion** [Rai14]. **Pronounced** [FS07]. **proof**

[MST<sup>+14</sup>]. **propagating** [CK10, JWO<sup>+09</sup>, JR15, MRC05, SYT<sup>+10</sup>].

**propagation** [ADBW16, BHAL13, RSS01]. **propagules** [BSH<sup>+11</sup>].

**Properties**

[CCM15, SRF09b, TMT<sup>+11</sup>, Bat01, BCBF03, BFH<sup>+11</sup>, CDA98, Cok16, CMB02, CP05, DMS<sup>+98</sup>, Eli93, ESA<sup>+09</sup>, FWM<sup>+11</sup>, GCR<sup>+02</sup>, GLSK<sup>+17</sup>, GCJ<sup>+00</sup>, GHM02, HNW<sup>+08</sup>, HBP<sup>+14</sup>, HPL<sup>+12</sup>, HSM<sup>+01a</sup>, HLFP08, HAD19, IBD10, JKJ<sup>+22</sup>, KLK<sup>+15</sup>, KC03, KOLA<sup>+18</sup>, KGdC<sup>+18</sup>, KHB<sup>+04</sup>, KFS<sup>+10</sup>, LL95, MFN<sup>+02</sup>, MGC<sup>+01</sup>, MFE<sup>+02</sup>, NFD<sup>+02</sup>, NRS14, OMG<sup>+11</sup>, PVK<sup>+20</sup>, PEC<sup>+04</sup>, PPRHLF02, PTA<sup>+99</sup>, PPF<sup>+15</sup>, RTFB09, SSI<sup>+99</sup>, SOS01, SHFM01, SK02, SN04, THT11, VTD<sup>+20</sup>, WW99, WF99, WTSP07, ZWK<sup>+15</sup>].

**property** [DCN<sup>+02</sup>]. **proportions** [CFL<sup>+16</sup>]. **proposed** [BMML06]. **prospects** [HLA<sup>+06</sup>, LVP15, PDC<sup>+21</sup>]. **Protanais** [BPKJ15]. **Protandric** [TMBTS09]. **Protected** [BJK<sup>+22</sup>, DKC<sup>+17</sup>, GASGB<sup>+14</sup>, LVP<sup>+17</sup>, MXC15]. **protection** [MGT<sup>+20</sup>, Thi01]. **protects** [PTM<sup>+16</sup>]. **protein** [RJP18, SKK<sup>+16</sup>, ZA16]. **proteins** [CDT11]. **proteolytic** [TB97]. **protist** [GBBS00]. **Protista** [dSG09a]. **Protistan** [Tbsp<sup>+18</sup>, dSEDW11, DSN<sup>+10</sup>, WvdEM00]. **protists** [ANL13, BCN<sup>+16</sup>, GCKC07, LLM<sup>+02</sup>, LLM<sup>+03</sup>, PLT<sup>+13</sup>, PDT<sup>+10</sup>, PDT<sup>+11b</sup>, SSF97, VGBGPA02, VBC<sup>+95</sup>]. **protobranch** [SW09]. **Protoceratium** [dSVC<sup>+14</sup>]. **protocol** [BCN<sup>+17</sup>]. **protocols** [CM99b]. **Protozoa** [STFL<sup>+13</sup>]. **Protozooplankton** [Fro04, LCDS00]. **Protracted** [ARLA03]. **Provenance** [ATN<sup>+12</sup>, SHWW22]. **provide** [DCC<sup>+13</sup>, GPCC<sup>+17</sup>, Mit96]. **Province** [LDBvdB17, VSR<sup>+10</sup>, CMVS<sup>+10</sup>, DCC<sup>+17</sup>, MTR<sup>+10</sup>, NCT13, RVD<sup>+10</sup>, SC10, TAC<sup>+17</sup>]. **provinces** [HZT<sup>+06</sup>, LH01, Wat09, ZJH08]. **proxies** [AELP14, KT05, MFN<sup>+02</sup>, PPR07]. **proximal** [SRB<sup>+11</sup>]. **proximate** [YLK<sup>+15</sup>]. **proximity** [Car10, QNL<sup>+16</sup>]. **proxy** [DJS<sup>+08</sup>, PS05]. **Pruning** [RBS17a]. **Prydz** [CCZ<sup>+21</sup>, HWTN22, JCP<sup>+22</sup>, LCL<sup>+22</sup>, MMTT<sup>+20</sup>, MLH<sup>+22</sup>, RHPC<sup>+19</sup>, SRS<sup>+20</sup>, VJP<sup>+10</sup>]. **Prymnesiophyte** [EWWB99]. **Pseudo** [BV04, DRVVS<sup>+14</sup>, FHR<sup>+14</sup>, SZM10]. **Pseudo-nitzschia** [DRVVS<sup>+14</sup>, FHR<sup>+14</sup>, SZM10]. **Pseudocalanus** [BDR16, BGMH01, CDRB16, HK10, UFAK06]. **pseudococculinid** [YERT13]. **Pseudohongiella** [XZW<sup>+19</sup>]. **Psolidae** [MP17]. **PSP** [DPS<sup>+14</sup>, DTP<sup>+05</sup>, PTD<sup>+14</sup>, TDKA05]. **Psychropotes** [GRB<sup>+17</sup>]. **pteropod** [BJF16, BDW<sup>+96</sup>, PTM<sup>+16</sup>]. **Pteropoda** [JBOH10]. **Pteropods** [TMW<sup>+05</sup>, HRM<sup>+11</sup>]. **pterotum** [WL20]. **Pu** [HA03, LLLP<sup>+03</sup>, MPS<sup>+03</sup>, PFG<sup>+03</sup>]. **public** [SRS<sup>+15</sup>]. **published** [MK19]. **Publisher** [Ano03a, Ano03b]. **PUCK** [VKGQ<sup>+09</sup>]. **Puerto** [BFB<sup>+18</sup>, DAB<sup>+18</sup>, KBR18, LS18, RKB18, SLB18, SWL<sup>+18</sup>]. **pulse** [ZJA16]. **Pulsed** [YNG<sup>+16</sup>]. **Pulses** [MSGO18, BCT21, RBH<sup>+20</sup>]. **Pump** [SWGPK17, ACFS02, Ber07, BL08, DLR<sup>+01</sup>, DP07, DBN<sup>+11</sup>, GCRW95, HBC<sup>+23</sup>, HIN<sup>+02</sup>, LR97, LBD<sup>+02</sup>, LCL<sup>+09</sup>]. **pumping** [CK10, TRM<sup>+15</sup>]. **pumping/advection** [CK10]. **pumps** [GRC<sup>+03</sup>]. **purse** [JMP<sup>+19</sup>]. **purse-seine** [JMP<sup>+19</sup>]. **pursuit** [KLM13]. **Putting** [RAF<sup>+11</sup>]. **PV** [MDM<sup>+13</sup>]. **pycnocline** [HHP04, RNP93]. **Pycnogonida** [ASMM11]. **Pycnophyes** [AM15]. **Pygmy** [MGJ<sup>+18</sup>]. **Pygoscelis** [CHPF10, CWEHT22, NCR<sup>+08</sup>]. **pyrite** [Sch07]. **pyrolysis** [ÇYFB<sup>+06</sup>].

**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, 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+95, LB14, OCL+08, PDSS96, STP+16, ZFA+02, BZMC20, CLGM05, EHK+20, KMMS18, SP06, WPB+16]. **rapidly** [AHV+17, LDG+23, MWFS17, Pas16]. **rapidly-sinking** [Pas16]. **rapidly-warming** [AHV+17]. **Rare** [HOD+09, PPR07, BPPJ15, BG10, CVA+13, FSCC07, Kha18, PPC+07, SBE+07, VOK+24, ZLJ08]. **Rare-earth** [PPR07]. **Ras** [BMM+99]. **raschii** [HPL+12, PSS+16]. **rate** [AELP14, ASF+12, BD06, CMG+11, DABMAMA04, LCW20, LAPL+16, MW05a, PLRV22, PLPS98, SSWM18, ZQ97]. **Rates** [CM99a, CCK+16, GSMB01, PDT+10, PDT+11b, SGD14b, ASBM02, Ano96f, ASF+12, AMK+05, BK96a, BDBB07, Ber01, BFT+97, CRD01, CLC+03, CD09, CMNO23, CHL+95, Cra97, DSB+18, DPLB94, DTB+02, DLW+17, DOB+01, ER05, FVSR14, GPÇ18, GLM04, GAC+02, HBT+08, HLNO96, HPK+97, IMP+02, Las93, LQF+02, LJL+17, LCL+98, LPA+95, Loh08, LAF+02, LM96, MISC+02, MHB+95, MLG+04, NS93, NSKG96, OMY+03, OHT12, OBWK01, PCDM11, PRC+09, PABH07, PFDD16, QB02, RRWR08, RSB+15, RCF+16, RN96, SR08a, SWC09, SW01, SEN+95, SBG+98, SBH+02, TS13, TBB+08, VSM17, WN01, Wal94a, WJS+10, WP00, ZCP+08, ZEGB97, vdLBB+02]. **ratfish** [KM15]. **ratio** [APLW09, CRS+19, DVS+97, GG93, MLR07, Mun07, RLPF07, SMS+07, WBM96, WO99, SLB13a]. **ration** [GFPM02, SH16]. **rationale** [KL96a]. **rations** [PAM+04]. **Ratios** [BDNS03, BMRP02, CSGC03a, ÇYAYT06, CSS+02, HLFP08, HSH+13, MBL+15, NLY+13, NMS09, SML15, SZS+07, SSH+00, VCRDF99, WWN+02, WWW+02]. **ray** [AWL+09]. **rDNA** [LTG+09]. **Re** [Blu01, SM23, Mar18, MC15, YKSI19]. **re-assessment** [YKSI19]. **re-description** [Mar18]. **Re-establishment** [Blu01]. **re-evaluation** [MC15]. **Re-examining** [SM23]. **react** [VKGP+11]. **reactive** [AISR+16]. **Real** [PPL+07, DIM+12, DJCF09, EPK+10, FG07, GLK+06a, LWB+07, NLHB01]. **Real-time** [PPL+07, DJCF09, EPK+10, GLK+06a]. **realization** [Ben13]. **really** [HPS+13]. **realm** [BSB+99]. **realms** [CHN+10]. **reanalyses** [MKW11]. **reanalysis** [BSN18, HLR+09, Men23, OGRdO18]. **Reasearch** [MCS+03]. **reassessment** [SL06]. **recently** [RHL+16]. **Recirculation** [CBF+13, CBF+16, LB96, MB96, NI10]. **recognition** [BHK+10, SGD+14a]. **Recolonization** [CHV09]. **Recommendations** [PNS+09, MK19]. **reconciliation** [WWW+02]. **Reconciling** [CB09a, HBC+15, RBS17a]. **reconsideration** [CK24]. **reconstructing** [BW99a]. **Reconstruction** [KSH12, KY17, MDG13, BLI+09, DFA+20, FSG02, ID19, LLH+15, LXWC21]. **reconstructions** [AN05, AN06, MPB+18]. **Record** [YWW23, BIP+02, BA02, CSE+22, DW15a, DFA+20, DEK+08, GPÇ18, GBP00, GM22, Gre01, Gri13, KGS23, LDGH16, LWL+16, MCK+19, MG22, NCL13, PdBK+03, PDS00, ROPB03, SRAL+17, YKY+07, dMGPT+14]. **Record-breaking** [YWW23]. **recorded** [DLG+14, DFMW13, PDB+20, SSR+14]. **Recorder** [BL06, DGMS96, PG07, BCT21, WHLR13, ADGA01, AGP05, ADG+08, BDW+96, BWS+98]. **recorders** [CFGR07]. **recording** [BTLC98]. **Records**

[MC12, AL14, CWP<sup>+15</sup>, DME<sup>+18</sup>, FLMF07, GMB18, KY17, LF07, MB18, OTK<sup>+05</sup>, RBB<sup>+97</sup>, SHS<sup>+12</sup>, SK07, TGU<sup>+06</sup>, WHLR13]. **recount** [OW09]. **recovered** [SKS<sup>+16</sup>]. **recovery** [EBM<sup>+18</sup>]. **recreational** [BHS<sup>+17</sup>]. **recruit** [SMV<sup>+13</sup>]. **Recruitment** [AI09, MMG98, BK96b, CM16a, CM16b, DABF<sup>+16</sup>, GEP<sup>+16</sup>, Gau07, GBS<sup>+22</sup>, HSFN13, KT06, RFF<sup>+02</sup>, SNMH18, SHN<sup>+07</sup>, SHB14, SSB<sup>+07</sup>, VCDAL14, WSB13, YERT13]. **recrystallization** [WKM<sup>+07a</sup>]. **recurrent** [BFG<sup>+10</sup>]. **recycling** [ATD<sup>+11</sup>, HTA<sup>+17</sup>, LSUB94, RGTV97, SM00]. **red** [MBC<sup>+14</sup>, Men23, RAL04, RAR04, TBT05, WZ14, BKP<sup>+19</sup>, SJM02, ZSLL15, vC97]. **Redescription** [BPKJ15, JR11, MGE13, Mal15]. **Redfield** [DVS<sup>+97</sup>, SLB13a, WWW<sup>+02</sup>]. **rediscovered** [GJ11]. **redistribution** [SAA<sup>+17</sup>, SNPS01]. **redox** [FLTV97, GLK<sup>+06a</sup>, HSB<sup>+16</sup>, HFL<sup>+15</sup>, KMLT06, Kos01, LAT<sup>+18</sup>, SM01, YCD<sup>+06</sup>]. **redox-sensitive** [HFL<sup>+15</sup>]. **redoxcline** [TSP<sup>+18</sup>]. **reduced** [SF08]. **Reducing** [HSSH23, LS17, AP22, JBR<sup>+18</sup>, LAT<sup>+18</sup>, MFM<sup>+18</sup>, RDV<sup>+09</sup>]. **reduction** [BSS<sup>+00</sup>, CV17, ESDM13, JS14, NVBJ08, PNS<sup>+09</sup>]. **REE** [CRS<sup>+19</sup>]. **Reef** [DSE<sup>+14</sup>, bLHsL<sup>+13</sup>, AHVB<sup>+17</sup>, BMSBM<sup>+17</sup>, HKY<sup>+13</sup>, PSB14, SSR<sup>+14</sup>, ZHY<sup>+13</sup>]. **reef-building** [PSB14]. **reefs** [AHVB<sup>+17</sup>, LOB<sup>+09</sup>, LWSZ13, MDTG13, NCT13, PCY<sup>+13</sup>, SGPD<sup>+14</sup>, WYIT13, ZMYS13, SEM16]. **reference** [CPH01, CSS<sup>+10</sup>, EMEP18, HIA<sup>+16</sup>, HSSN08, KBSS93, MPH<sup>+16</sup>, MM14, RH94, WTL<sup>+06</sup>, WR01]. **referencing** [BS05, BS06]. **reflect** [WLM23]. **reflectance** [SWR<sup>+95</sup>]. **reflected** [BVB<sup>+14b</sup>, SM00]. **reflection** [MR08, TSA<sup>+01</sup>]. **Reflections** [Hem99, Smi01]. **reflectivity** [JOD98]. **reflects** [FL02]. **REGAB** [BNP<sup>+09</sup>]. **regarding** [HBB<sup>+13</sup>]. **regenerated** [BCDV02]. **regeneration** [BCDV02, DBN<sup>+11</sup>, KL96c, MFG<sup>+04</sup>, OT03].

**Regime** [IPLCHRM19, BW04, BLS<sup>+03</sup>, JZ93, JPZ93, JRK<sup>+17</sup>, MCL<sup>+19</sup>, MBLM03]. **regimes** [BSX<sup>+15</sup>, BBE<sup>+13</sup>, BGG<sup>+09</sup>, CK03, CEG<sup>+11</sup>, DBJ97, LB07, LP14, MT15, RMCAR06, SM00, SP00, SHY<sup>+08</sup>, SHC<sup>+00</sup>, WLM23, WMW96]. **Region** [FGW02, GVW<sup>+19</sup>, HALV18, PUB<sup>+06</sup>, SBB<sup>+19</sup>, VSGM03a, AMN<sup>+02a</sup>, ARLA03, AFC<sup>+17</sup>, BLBW<sup>+11</sup>, BDW<sup>+96</sup>, Ber24, BSM01b, BCDV02, Cha03, CSW<sup>+17</sup>, CD20, CLPL<sup>+09</sup>, CSCP13, CLJ<sup>+13</sup>, CHR97, Cri95, CMPB18, DURP03, DNH<sup>+02</sup>, DWBP13, DSN<sup>+20</sup>, DO01, DJFK<sup>+22</sup>, DT08, DJ15, DDB<sup>+97</sup>, EHK09, EHK<sup>+20</sup>, GSMG04, GP08, GKB<sup>+18</sup>, HLR<sup>+09</sup>, HWTP07, dITGCAB<sup>+03</sup>, HiII<sup>+19</sup>, HiII<sup>+20</sup>, HTW14, HCG<sup>+01</sup>, IGN<sup>+10</sup>, IHSS<sup>+10</sup>, JDS<sup>+08</sup>, JC03, KCA05, KSH12, KYI10a, KYI10b, KFA<sup>+20</sup>, KUN10, KIN<sup>+10</sup>, KMO<sup>+10</sup>, KS10, KRAS24, LSB<sup>+02</sup>, LWB<sup>+20</sup>, LAJP13, LSHP01, LHKHH10, MDJS11, MMG<sup>+07</sup>, MSW<sup>+13</sup>, MFN<sup>+02</sup>, MLVM02, MNSMN<sup>+04</sup>, MMC11a, MT96, NSH<sup>+10</sup>, NKF<sup>+10</sup>, NCE<sup>+23</sup>, OPDM11, OvdRvA<sup>+22</sup>, OHS10, PDT11a, PWN<sup>+11</sup>, RVC<sup>+13a</sup>, RVC<sup>+13b</sup>, RT14, RH94, RGL<sup>+06a</sup>, SGD<sup>+14a</sup>, SGA<sup>+15</sup>, STK02, SF10, SAM<sup>+13</sup>, SF04, SRAs<sup>+24</sup>, SHN<sup>+07</sup>, SBB06, SM03, SMS<sup>+08</sup>, SFPH<sup>+08</sup>, SMPSG<sup>+04</sup>]. **region** [SBH<sup>+02</sup>, SMSI08, SKF<sup>+10</sup>, SFD04, SCPP05, TGLN93, Tho04, TMTR14, UW99, VJP<sup>+10</sup>, WMW<sup>+20</sup>, WL20, Wea93, WFW<sup>+17</sup>, WAK<sup>+12</sup>, WBBM01,

WAM<sup>+18</sup>, WDG<sup>+02</sup>, YOK<sup>+10</sup>, YOO<sup>+10</sup>, YSWJ16, ZQ97, ZZM<sup>+13</sup>, ZTZ09, ZDW<sup>+20</sup>, vdLBB<sup>+02</sup>, SMV<sup>+03</sup>, VSGM03b]. **Regional** [BL00, Bro19, BAH<sup>+95</sup>, ESDM13, HBR11, KWW<sup>+12</sup>, LMvDA16, MHSV18, PABH07, SFB19, WSL<sup>+11</sup>, YKJ<sup>+15</sup>, ALWW04, BDWG02, BBN97, BWC<sup>+02</sup>, CPF<sup>+14</sup>, DKN<sup>+97</sup>, GWZ16, HSHM02, HKC<sup>+21</sup>, KWA<sup>+20</sup>, KYW20, LC16, LCS16, Pal04, PCAS05, RSC<sup>+09</sup>, SWO<sup>+01</sup>, SP00, SMH<sup>+11</sup>, Wil08, YQMB20, ZRC<sup>+11</sup>]. **Regional-scale** [WSL<sup>+11</sup>]. **regions** [ATN<sup>+12</sup>, BH14, BS21, BK96b, CDM23, Dri09, HMS<sup>+13</sup>, HWP<sup>+11</sup>, JBOH10, KSM<sup>+11</sup>, KKVP15, KHL<sup>+17</sup>, MK19, NDG96, PNLF02, PNLFS03, Qué13, RHPC<sup>+19</sup>, SBM16, SCGB18, TBPS22, WW23, WAC<sup>+09</sup>, WZB<sup>+14</sup>, ZTZB09]. **regression** [PSK<sup>+14</sup>]. **regular** [VPP07]. **regulate** [ALSF<sup>+17</sup>, FBCN00]. **regulating** [CSW<sup>+17</sup>, MALT05, VGBGPA02]. **Regulation** [NL11, BSL<sup>+96</sup>, BMB<sup>+01</sup>, DCK01, DCF<sup>+11</sup>, HMS<sup>+03</sup>, KD00, RWRS08]. **Rehabilitation** [OKH<sup>+22</sup>, NCT13]. **rejection** [GDL22]. **related** [AYMSAS19, AI09, BDL<sup>+22</sup>, BGH<sup>+19</sup>, HMLS<sup>+06</sup>, HWCT08, IKR<sup>+12</sup>, KT06, Lar04, MAH<sup>+12</sup>, MSW<sup>+13</sup>, RSL05, RAL04, RAR04, SHN<sup>+07</sup>, SCB<sup>+16</sup>, VK04, WBBM01, YCA<sup>+20</sup>, ZWK<sup>+15</sup>]. **Relating** [PABH07]. **Relation** [SCD14, ARWM13, AFC<sup>+17</sup>, ADGA05, ADGA06, AMTE09, BFDB17, BFL00, BDR<sup>+03</sup>, BM07, CJA<sup>+06</sup>, CVF11, CG18, CBA<sup>+05</sup>, DABMAMA04, DB02, ESWL20, FLTCV10, FHvFM08, FWZM12, FZW<sup>+13</sup>, GLCP12, GBLS00, HHH<sup>+14</sup>, HTS<sup>+09</sup>, HWCT08, HNRGL06, HPM02, HLM<sup>+01</sup>, IBK<sup>+11</sup>, JGM09, JRGLJ<sup>+19</sup>, KMOM19, Kos01, KSS<sup>+00b</sup>, LWA<sup>+04</sup>, LL14, LBGW97, LLT<sup>+00</sup>, MAB<sup>+01</sup>, MiSW08, MHM<sup>+14</sup>, OM98, OBA02, RR96, RMB05, RMCAR06, RCF<sup>+08</sup>, SVJRSON04, SvLM95, SLT<sup>+11</sup>, SSV02, SGB<sup>+08</sup>, SP00, SGM<sup>+02</sup>, SFMG13, SPH<sup>+08</sup>, UY04, WPJW96, YHC<sup>+11</sup>, Yu03, ZFP<sup>+16</sup>, ZCG<sup>+12</sup>, Zon97]. **relations** [ODR<sup>+09</sup>, SYS05, YFL<sup>+23</sup>]. **Relationship** [CFL<sup>+99</sup>, PAM<sup>+14</sup>, SA14, SRC98, SZS<sup>+07</sup>, UPS04, Ano97b, BPKJ15, CRF04, CC03, CJF<sup>+12</sup>, DSO<sup>+97</sup>, FRW00, FJG<sup>+00</sup>, JML08, KBKW13, LPJ<sup>+16</sup>, Lin04, MB08, NISG05, NSY04, RHB<sup>+95</sup>, SWR<sup>+95</sup>, SI09, SH16, SHKW05, TKF16, WMS<sup>+96</sup>, WGG98, WWC<sup>+99</sup>, WR15, XSM<sup>+19</sup>, ZXH<sup>+13</sup>]. **Relationships** [ASF<sup>+12</sup>, HD02, LG98, LTH05, MORB<sup>+15</sup>, OCP18, RDBP14, BGKB06, BOKA16, CDRA08, DC96, FB14, HCL<sup>+22</sup>, HGK<sup>+18</sup>, KWPB15, LMKL09, MGS<sup>+10</sup>, SGB14, SFG98, SCM<sup>+09</sup>, WH98]. **Relative** [Ben13, BCKH07, BFS<sup>+17</sup>, BLG15, CMC11, CP05, CHH19, DB97a, FHW06, KR11, LCD<sup>+24</sup>, LB18, NCSB<sup>+98</sup>, Pas18, SKMDR02, TYBY06, TAB<sup>+05</sup>, VBM<sup>+19</sup>, YBC<sup>+17</sup>, YSHS08]. **relatively** [THT11]. **relaxation** [GWL<sup>+15</sup>, KGB06, PCT18]. **relaying** [HBM<sup>+07</sup>]. **Release** [BL01a, GBH<sup>+01</sup>, GSMB01, BBL<sup>+13</sup>, HKY<sup>+13</sup>, KJB<sup>+08</sup>, LZM<sup>+13</sup>, TA01, vdMLB<sup>+11</sup>]. **relevance** [JKJ<sup>+22</sup>, LVP<sup>+17</sup>]. **relevant** [MLVM02, Rai14]. **RELO** [WJR<sup>+16</sup>]. **Relocatable** [TFP<sup>+16</sup>]. **remains** [YERT13]. **remarks** [Kam18, MT11]. **remineralisation** [WP00]. **Remineralization** [SSM<sup>+00</sup>, ADAM02, BAD<sup>+97</sup>, BPB<sup>+94</sup>, CHN<sup>+10</sup>, CCZ<sup>+21</sup>, DJS<sup>+08</sup>, HFD<sup>+23</sup>, JDS<sup>+08</sup>, JDD<sup>+11</sup>, OENB01, SMCA01, SD96, TVL<sup>+00</sup>, WWW<sup>+02</sup>].

**Remote**

[GPMZ<sup>+10</sup>, HSM<sup>+01b</sup>, MGR03b, ACG19, BOH<sup>+04</sup>, Car10, Car01, HCHD09, IS07, JEK<sup>+15</sup>, MMT08, NR06, PBFS06, PWTH15, PDB<sup>+16</sup>, RBH<sup>+20</sup>, RN06, SM96a, TBPS22, THV<sup>+99</sup>, VSV<sup>+97</sup>, WPAP01, WAK<sup>+12</sup>, Yu03, ZKSS06].

**Remote-sensing** [GPMZ<sup>+10</sup>]. **Remotely**

[BHMK08, BMM<sup>+99</sup>, MCH<sup>+13</sup>, SMBM99, DDB<sup>+17</sup>, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA<sup>+99</sup>, PW12, SRW<sup>+10</sup>, TSPH09, UY04].

**remotely-sensed** [PW12, SRW<sup>+10</sup>]. **removal**

[HCBP97, Hat02a, HBCC13, PCDM11, SSH<sup>+00</sup>]. **Removing** [MTT<sup>+12</sup>].

**renewable** [CWE<sup>+17</sup>]. **renewal** [TH99]. **reoccupation** [BDM<sup>+03</sup>].

**reorganization** [YK16]. **repackaging** [WSB08]. **repair** [PTM<sup>+16</sup>]. **repeat**

[PRB<sup>+11</sup>]. **Repeated** [PSK<sup>+14</sup>, WOM<sup>+16</sup>]. **Repeated-measures**

[PSK<sup>+14</sup>]. **repetition** [CMG<sup>+11</sup>]. **repetitive** [BJS14]. **replenishment**

[MBC<sup>+20</sup>]. **replicated** [VSFF09]. **Reply** [JW05a, PTMH16]. **report**

[CB18, STFL<sup>+13</sup>]. **represent** [Ano05e, BU05]. **Representation**

[KCO<sup>+19</sup>, Arm03, KxF22, MKW11]. **representative**

[AM18, GASGB<sup>+14</sup>, VSR<sup>+10</sup>]. **reprocessing** [KB95]. **reproduce** [SMH<sup>+06</sup>].

**Reproducing** [HCG<sup>+09</sup>, SHM<sup>+01</sup>]. **Reproduction**

[CGD<sup>+15</sup>, PL04, PSB14, SW09, BTC13, DEJ08, GGDF08, LYN<sup>+13</sup>].

**Reproductive** [FARLR<sup>+13</sup>, GTSC08, QRE<sup>+17</sup>, ROS<sup>+17</sup>, RDBP14, WF13,

WYL<sup>+20</sup>, BBE<sup>+13</sup>, EGMB13, HSBT19, HH03, RRK<sup>+20</sup>, RHM13, SRFR07,

TGU<sup>+06</sup>, VHM17]. **Reptantia** [CP18a]. **requirements**

[BSG<sup>+02</sup>, VAMPR<sup>+17</sup>]. **Res** [AN06, CM16a, CBF<sup>+16</sup>, DTWW21, ENM<sup>+16</sup>,

ELG<sup>+22a</sup>, GAL<sup>+20</sup>, HiII<sup>+20</sup>, Mun16, RSCFT<sup>+16</sup>, RAF<sup>+14a</sup>, RDC<sup>+18a</sup>].

**Research**

[Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, Beg18, BS06, CGG<sup>+12</sup>,

CC00, CDB94, DB16, EWA<sup>+03a</sup>, LLM<sup>+03</sup>, MAA<sup>+05</sup>, MSV18, PNLFS03,

RVJG<sup>+05</sup>, SSK<sup>+07</sup>, Ste10, SMGB03, TTU01, VSGM03a, WJD<sup>+00a</sup>, ZDO19,

Ano96d, BC08, BFL<sup>+20</sup>, BFD<sup>+23</sup>, BCW03, CP22, CLMK13, CPM<sup>+18</sup>, Col16,

DABF<sup>+16</sup>, EAB<sup>+20</sup>, GBS<sup>+22</sup>, HAE<sup>+17</sup>, HD14, LBD<sup>+22</sup>, Lut15, MHO02,

MBT<sup>+14</sup>, MFH04, MV23, Mur06, POA<sup>+16</sup>, SPW<sup>+22</sup>, WMA11, Zim19].

**Reserve** [bLHsL<sup>+13</sup>]. **reserves** [DWG<sup>+15</sup>]. **reservoir** [KFTE14, LW15].

**reservoirs** [RDC<sup>+18a</sup>, RDC<sup>+18b</sup>]. **residence** [PHE<sup>+18</sup>, PHDK11].

**residency** [LWO<sup>+09</sup>]. **resident** [OMAA18, MT98]. **Resilience**

[WWC<sup>+19</sup>, HSSH23, ST07, YD09]. **Resolution**

[DIM<sup>+12</sup>, LCW<sup>+07</sup>, MDI<sup>+12</sup>, AELP14, BKY<sup>+17</sup>, BSM01b, CJM<sup>+22</sup>,

DJCF09, DKZP16, GDE<sup>+96</sup>, GBP00, GLK<sup>+06a</sup>, HBT<sup>+08</sup>, KIY<sup>+05</sup>,

LHX<sup>+22</sup>, LDX<sup>+23</sup>, MCSF15, NHD11, NBBBT13, PMLM<sup>+02</sup>, RAC<sup>+20</sup>,

SC10, SBS<sup>+00</sup>, SKD<sup>+16</sup>, VT09, WMB<sup>+13</sup>, WLD<sup>+07</sup>, YMMC11]. **resolved**

[HDW<sup>+20</sup>, SLT<sup>+11</sup>]. **resolving** [MDM<sup>+13</sup>, OGRdO18]. **resonance**

[NAT<sup>+12</sup>]. **resonant** [CMJ<sup>+18</sup>, WWL02]. **Resource**

[SBQ<sup>+02</sup>, DMFB19, RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>]. **resources**

[ADRS19, BCG<sup>+22</sup>, GLF<sup>+03</sup>, HD17, KBVM13, SID19, Wei07, WYT19, ZS19].

**Respiration** [KCD<sup>+17</sup>, NSKG96, Ano97c, BMHR08, BFML<sup>+08</sup>, CSGC03b,



DRBM97, DO01, DOB<sup>+01</sup>, DKGT04, DDK<sup>+00</sup>, DDB<sup>+97</sup>, GSW<sup>+09</sup>,  
 KCY<sup>+16</sup>, KKK<sup>+17</sup>, KHC<sup>+09</sup>, LMM<sup>+97</sup>, NS93, PZT<sup>+19</sup>, RIBW99, RWZ<sup>+02</sup>,  
 RBP<sup>+94</sup>, SFR<sup>+06</sup>, SBSH99, WCB98]. **respiratory** [NS93]. **respond**  
 [PWR05]. **Response** [AS01a, AS95, CLC<sup>+98</sup>, CMP14, DRRBC16, DBH<sup>+20</sup>,  
 FMC<sup>+20</sup>, HZK<sup>+05</sup>, IARR01, JMN<sup>+15</sup>, KTSI07, KMO<sup>+10</sup>, LYN<sup>+13</sup>,  
 ORFA<sup>+14</sup>, PW05, PGS14, RJM<sup>+15</sup>, RAC<sup>+20</sup>, TWN<sup>+06</sup>, WREC18, ZHX<sup>+16</sup>,  
 dLC<sup>+14</sup>, AHR<sup>+06</sup>, AYMSAS19, Arm03, AMH<sup>+24</sup>, AAL<sup>+17</sup>, BS03, BBL<sup>+13</sup>,  
 BLH05, BMB<sup>+18</sup>, BEB11, BBV00, BLS<sup>+08</sup>, CAGL13, CHL<sup>+15</sup>, CLW<sup>+23</sup>,  
 CL15, CWTJ03, CB00b, CMJ<sup>+18</sup>, DWBP13, DP02, DVPR06, DBS98, Dri09,  
 DSC<sup>+01</sup>, DSYH09, EWP<sup>+99</sup>, FBBW<sup>+10</sup>, HRM<sup>+06</sup>, Har06, HTPM14,  
 HKN<sup>+09</sup>, HZYZ10, HZN<sup>+16</sup>, HV03, JZX10, KTL<sup>+00</sup>, KIS02, KHL<sup>+01</sup>,  
 KNN<sup>+06</sup>, KNC<sup>+09</sup>, KCL20, LL01, LSS<sup>+11</sup>, LJBF00, LGF03, LHZJ13,  
 LB98b, LD07, MDTS11a, MBLM03, MARFP08, NI10, NOFP14, NGF09,  
 NSvH<sup>+11</sup>, PHS<sup>+11a</sup>, PHS<sup>+11b</sup>, Pfa93, PST<sup>+05</sup>, PZK<sup>+05</sup>, RGH<sup>+24</sup>,  
 ROC<sup>+21</sup>, SD06a, SLS17, SVS93, ST13, SL15b, SRP<sup>+98</sup>, SCD<sup>+22</sup>, Thi05,  
 TKF07, TSN<sup>+06</sup>, WPB<sup>+16</sup>, WFR<sup>+02</sup>, WSB13, WLD<sup>+06</sup>]. **response**  
 [WBI<sup>+01</sup>, WLH<sup>+16</sup>, Yu03, ZPT<sup>+13</sup>, ZT00]. **Responses**  
 [BOHW22, BSRM08, GO15, GHM<sup>+12</sup>, HNK<sup>+12</sup>, NHS<sup>+09</sup>, PDE<sup>+16</sup>, STF09,  
 SVD97, ZG15, vFvdBB<sup>+02</sup>, Ber24, BGWF08, CHH<sup>+21</sup>, GLF<sup>+03</sup>, GGCM17,  
 GLdS<sup>+09</sup>, HSSH23, HWK<sup>+14</sup>, KHE<sup>+11</sup>, LG00, LDS<sup>+08</sup>, LG09, LSS<sup>+07</sup>,  
 MCL<sup>+19</sup>, MAT<sup>+12</sup>, MHP<sup>+07</sup>, MBG09, NLS<sup>+10</sup>, PCL22, Roy05, SMH<sup>+06</sup>,  
 SZH20, STS<sup>+15</sup>, TSMS09, VSD<sup>+97</sup>, ZOB<sup>+96</sup>]. **responsible**  
 [EBGCL08, RDC<sup>+18a</sup>, RDC<sup>+18b</sup>]. **resting**  
 [AJG<sup>+10</sup>, ESAG10, MTK05, PBG<sup>+10</sup>, RGHN<sup>+97</sup>, TIS<sup>+13</sup>]. **result**  
 [PE17, TWL<sup>+15</sup>]. **resulting** [MBF<sup>+98</sup>, OLP<sup>+20</sup>]. **Results**  
 [AA15, Ano06f, AAL<sup>+17</sup>, BBB<sup>+07</sup>, BL08, CHH<sup>+21</sup>, CSCP13, DJS<sup>+08</sup>,  
 DSW20, GGM<sup>+16</sup>, KMD<sup>+11</sup>, KWH<sup>+05</sup>, LCW<sup>+07</sup>, MALT05, MBW<sup>+08</sup>,  
 MNR<sup>+11</sup>, MLBB14, MSSD93, MSA<sup>+14</sup>, PHS<sup>+11b</sup>, RCW<sup>+15</sup>, Sco05, SBS<sup>+08</sup>,  
 SESS08, TAB<sup>+16</sup>, VKGQ<sup>+09</sup>, WMC06, BNM08, BFF94, BTLC98, BCA<sup>+03</sup>,  
 CFR<sup>+14</sup>, CAS<sup>+97</sup>, CES98, CMC<sup>+05</sup>, CJF<sup>+98</sup>, FR10, Gut06, HBB<sup>+13</sup>, Jen03,  
 KJB<sup>+08</sup>, LK98, LMB<sup>+98</sup>, LSU04, NL11, NW01, Osc01, PLS<sup>+03</sup>, SMY<sup>+98</sup>,  
 Sch02a, SYS05, SGB<sup>+02</sup>, TTU01, Thu98, VHS97, WW04a, ZNM<sup>+02</sup>, LAJP13].  
**resurge** [OM02]. **resuspension**  
 [BAD<sup>+14</sup>, CWFP94, MPPR14, PAM<sup>+14</sup>, ZDA<sup>+16</sup>]. **retain** [DLWW23].  
**Retention** [JKJ<sup>+22</sup>, BMK<sup>+13</sup>, CMC11, JPC06, LM01, MTGY05, PSS<sup>+16</sup>,  
 RGL<sup>+06a</sup>, VLK06, ZTZ09]. **reticulatum** [dSVC<sup>+14</sup>]. **retreat**  
 [LDW22, NSWY20, NYH<sup>+20</sup>, OACA19, PSA14, RHB<sup>+95</sup>]. **Retrieval**  
 [PTA<sup>+99</sup>]. **Retrospective** [KTSI07, CFL<sup>+16</sup>, LSGM02, OAH<sup>+16</sup>]. **Return**  
 [BRL<sup>+03</sup>, NGS<sup>+15</sup>]. **returns** [MHG<sup>+17</sup>]. **reveal**  
 [GNG<sup>+22</sup>, HCBL<sup>+17</sup>, MBC<sup>+09a</sup>, RMBW07, SSB<sup>+17</sup>]. **revealed**  
 [BCN<sup>+17</sup>, BHHM<sup>+12</sup>, BFK<sup>+14</sup>, CDJ<sup>+22</sup>, CHV<sup>+15</sup>, DFJ18, DBL<sup>+19</sup>,  
 FHYI03, HRSJ23, HXF<sup>+23</sup>, KVPK20, MSJS08, PFdSG11, SGP<sup>+11</sup>,  
 WSM<sup>+22</sup>, XGL15, YCT<sup>+22</sup>]. **Revealing** [NKA<sup>+11</sup>]. **reveals**  
 [CCM<sup>+20</sup>, DMC<sup>+17</sup>, HNS<sup>+11</sup>, KBK<sup>+18</sup>, LWB<sup>+07</sup>, PDY20, WTT<sup>+20</sup>].

**reversals** [SRP<sup>+</sup>98]. **Review** [BMR<sup>+</sup>14, LMM<sup>+</sup>97, NM18, Ano99n, BSX<sup>+</sup>15, 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, BJS14, 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** [MGGTM19]. **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>+22b</sup>, CPEN08, DMJ93, DH97, ESAG10, FJR<sup>+20</sup>, GOD<sup>+01</sup>, GGRW99, GDYW02, HDF<sup>+01</sup>, HBC<sup>+12</sup>, HWS<sup>+13</sup>, ILWH03, JBS<sup>+13</sup>, KPPL00, KLKB95, LLR<sup>+06</sup>, Lar04, LFC16, LV17, MTE<sup>+02</sup>, MMMC07, MZR<sup>+95</sup>, MST<sup>+14</sup>, PBS06, PP93, PA95, PL04, PS19, RHI00, Rog00, RGL<sup>+06a</sup>, SSLP95, SLT<sup>+14</sup>, SSR96, STS11, TAL<sup>+12</sup>, TP96, VM01, XWZ24, YOR13]. **Roles** [DSD12, NSLAP<sup>+17</sup>, NA13, PPL<sup>+07</sup>, SE96, SGC03, TLW<sup>+94</sup>]. **ROM** [Ano96d, CDB94, RSD<sup>+97</sup>]. **Rona** [Lut15, SL15a]. **Rosetta** [BOJ<sup>+10</sup>]. **rosette** [SHF<sup>+95</sup>]. **rosmarus** [YBC<sup>+17</sup>]. **Ross** [BLB<sup>+11</sup>, GOM<sup>+09</sup>, LCD<sup>+24</sup>, LPAR24, AvD04, BS01, BDO00, CBCT09, CHPS00, CDL<sup>+00</sup>, CWTJ03, CB01, CBC02, CBB<sup>+00</sup>, CDH<sup>+00</sup>, CL06, DGA<sup>+11</sup>, DMC<sup>+01</sup>, DKS03, DKS11, DDK<sup>+00</sup>, DCC<sup>+01</sup>, DFK<sup>+06</sup>, FS24, FJG<sup>+00</sup>, FA03, GRS00, GBH<sup>+17</sup>, GCJ<sup>+00</sup>, KMD<sup>+01</sup>, LCVV06, LCDS00, MBG<sup>+24</sup>, MBDB<sup>+24</sup>, OMG<sup>+11</sup>, OW09, PHOM09, SCM<sup>+02</sup>, SMHB00, SDKH03, SDMC03, SSP<sup>+06</sup>, SYZ<sup>+24</sup>, SHC<sup>+00</sup>, SSH<sup>+00</sup>, TDCV<sup>+06</sup>, VMBS03]. **Rossby** [BSS<sup>+02</sup>, CK10, HGM<sup>+11</sup>, KVPK20, MV19, Ver13]. **Rotating** [PFW<sup>+09</sup>, CJ19, FMFW07, Joh19, TCM<sup>+22</sup>, WMH<sup>+07</sup>]. **rotation** [Pra04]. **Rothera** [LPAR24]. **roughness** [SDL22]. **round** [CBK<sup>+22</sup>, DSC<sup>+01</sup>]. **route** [CRJ<sup>+08</sup>, MKS<sup>+20</sup>]. **routes** [PNS<sup>+09</sup>]. **Routing** [DLF09a]. **ROV** [DDB<sup>+17</sup>, LAJP13, MCH<sup>+13</sup>, NDE14, RHK<sup>+10</sup>, RSH10, TGU<sup>+06</sup>]. **rRNA** [BFK<sup>+14</sup>, LTG<sup>+09</sup>, MGT16, RSF<sup>+99</sup>, XGL15]. **rRNA-derived** [LTG<sup>+09</sup>]. **rRNA-targeted** [MGT16]. **RTV** [CHU<sup>+00</sup>]. **rubra** [UC13]. **rules** [WTI<sup>+20</sup>]. **Running** [SCH<sup>+19b</sup>, SCH<sup>+19a</sup>]. **runoff** [CFL<sup>+16</sup>, DGP20, HSPS24, KC04, LFPC14]. **RUSALCA** [BIH10]. **Russia** [BEZ<sup>+22</sup>, Mas02]. **Russian** [BM15, Mal04, SL15a]. **RV** [BM15, EMG<sup>+15</sup>]. **Ryder** [BLO<sup>+17</sup>, LBM<sup>+17</sup>]. **Ryukyu** [DAN23, ATI<sup>+23</sup>].

**S** [Ano97b, Ano97c, LPS14, MAA<sup>+05</sup>, ONSSVGR04, SSV02, Bol08, CDJM04, CM99b, DI00, FUGG<sup>+09</sup>, GHIM04, GCB04, HMW00, HMSMK04, KNK15, KR95, LKC96, MHG<sup>+04</sup>, MK96, MFG<sup>+04</sup>, MF09, MAA<sup>+04</sup>, OA11, WDG<sup>+02</sup>]. **S-PALACE** [HMSMK04]. **S**. [Di 10, SNH<sup>+23</sup>]. **s.l** [CP18a]. **s.l.** [Mar13]. **S1** [ID19]. **Sable** [GPC14, SSG14]. **sablefish** [CM16a, CM16b, GSC<sup>+19</sup>, RDSA<sup>+21</sup>, SHB14]. **Sabrina** [WMP<sup>+11</sup>]. **sac** [GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>]. **sac-spawning** [GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>]. **Safe** [GBI10]. **Safety** [ZDP<sup>+16</sup>]. **saffron** [HCAK17]. **Sag** [MWS<sup>+15</sup>]. **Sagartiidae** [SSK<sup>+23</sup>]. **sagax** [CDG00, PRORSV<sup>+19</sup>]. **SAGE** [Ano11b, CMRL11, Had11, HLS<sup>+11</sup>, KHE<sup>+11</sup>, LSS<sup>+11</sup>, PHS<sup>+11a</sup>, PHS<sup>+11b</sup>, SHL<sup>+11</sup>, SWLW11]. **Saharan** [GMC97, HZK<sup>+05</sup>, PMLM<sup>+02</sup>]. **saida** [CMNO23, CSS<sup>+22b</sup>, DTWF17, EGOO22, HTPM14, HCAK17, MEB<sup>+23</sup>, ODR<sup>+09</sup>]. **sailing** [MTG18]. **saira** [TSB<sup>+14</sup>]. **Sakai** [Mar18]. **Saline** [KL96b]. **salinities** [BS05, BS06]. **salinity** [AYMSAS19, ACG19, BZS<sup>+16</sup>, BL96, EOB03, ER05, FHP94, HDGM19, KT06, KMG<sup>+20</sup>, KVL<sup>+19</sup>, PS23, PC00, PSE<sup>+93</sup>, RAS23, RR10, SPH<sup>+03</sup>, SKMS08, Zon97]. **Salish** [DBC<sup>+19</sup>]. **Salmon** [MHG<sup>+17</sup>, ARWM13, ABC<sup>+05</sup>, AMK<sup>+05</sup>, BLH05, CBA<sup>+05</sup>, DMFD19, DMFB19, FMC<sup>+20</sup>, KUT<sup>+20</sup>, KKUK10, KMOM19, LWO<sup>+09</sup>,

MBC<sup>+09b</sup>, OSM<sup>+20</sup>, RNB07, SMBL19, SAB08, TBH09, VBM<sup>+19</sup>, VSM17, WBA<sup>+17</sup>, YK05]. **salmonid** [Man94, SAB08]. **Salp** [KSL<sup>+04</sup>, PFP02, Pak04, IPH<sup>+17</sup>]. **Salp/krill** [PFP02, Pak04]. **Salpa** [KCMT<sup>+20</sup>, PH17]. **salps** [DB97b, LDGH16, RSR05]. **salt** [BCBF03, CWB02, Jen03, LBM98, LBY<sup>+10</sup>, MAR<sup>+17</sup>, TP99]. **salt-induced** [MAR<sup>+17</sup>]. **saltatory** [RG06b]. **same** [Ano05e, BU05]. **sample** [LTG<sup>+09</sup>]. **sampled** [ZA16]. **sampler** [BDW<sup>+96</sup>, BKY<sup>+17</sup>, LDHO<sup>+14</sup>]. **samples** [CMA<sup>+09</sup>, ETP<sup>+16</sup>, Ell93, HAP03, LCL<sup>+09</sup>]. **Sampling** [FH09, HLR<sup>+09</sup>, PFW<sup>+09</sup>, RDL<sup>+09</sup>, BCN<sup>+17</sup>, BHMK08, BKY<sup>+17</sup>, BL06, CDG00, CB09b, CM99b, GWP<sup>+98b</sup>, HSM11, KOM17, LHS96, LBM09, MLW<sup>+01</sup>, PBB<sup>+13</sup>, ROB<sup>+17</sup>, ROBV<sup>+18</sup>, SHM<sup>+11</sup>, SLB13b, TRM<sup>+15</sup>, VALW23, WBM<sup>+10</sup>]. **San** [MML06]. **Sanctuary** [PMF<sup>+17</sup>, LPA<sup>+17</sup>]. **sand** [BDL<sup>+22</sup>, SLLT10]. **Sanders** [BDG<sup>+04</sup>]. **Sandwich** [BJK<sup>+22</sup>, BCG<sup>+22</sup>, BN04, CWEHT22, CHH<sup>+22</sup>, HSR<sup>+22</sup>, HSD04, JSWB21, LTW<sup>+22</sup>, SHC<sup>+22</sup>, TM22, VVV04a, LRL<sup>+22</sup>]. **sanguinea** [OM14]. **Santa** [MDC<sup>+10</sup>, BFT10, CMVS<sup>+10</sup>, DCC<sup>+17</sup>, ESL<sup>+10</sup>, GBG15, KTL<sup>+00</sup>, MPB<sup>+18</sup>, OS04, RVD<sup>+10</sup>, SC10, Thu98]. **Santo** [MAR<sup>+17</sup>]. **Santos** [DCH04]. **Sanya** [bLHsL<sup>+13</sup>, ZHY<sup>+13</sup>]. **São** [GNT<sup>+17</sup>, MAR<sup>+17</sup>, NMN<sup>+17</sup>]. **sapropel** [ID19]. **SAR** [OCKA<sup>+11</sup>, TAB<sup>+16</sup>]. **Sarcodina** [PPC<sup>+07</sup>]. **sardine** [CDG00, MRSLM<sup>+19</sup>, PRORSV<sup>+19</sup>, SSP14, SGI<sup>+19</sup>, SM03, YK05]. **Sardinella** [SNH<sup>+23</sup>, SWK<sup>+23</sup>]. **Sardinia** [BLI<sup>+09</sup>]. **Sardinian** [TAC<sup>+17</sup>]. **Sardinops** [CDG00, PRORSV<sup>+19</sup>]. **Sargasso** [BTB<sup>+08</sup>, BOJ<sup>+10</sup>, BLC<sup>+08</sup>, CDS96, CAGL13, CRR01, DSK<sup>+13</sup>, DOC01, EMW<sup>+08</sup>, GMK<sup>+08</sup>, GS08, HC01, LBJ<sup>+13</sup>, MKRY01, NBSM01, NSY04, OENB01, PBN10, RN96, San13, SM96a, SCM<sup>+08</sup>, SS01, SZS<sup>+07</sup>, SWMB10, SMB03, WBM96]. **Sargassum** [BMS<sup>+18</sup>]. **Sars** [dLWFB08]. **Satellite** [BT04, DNR20, GSVCCCH12, GSdAMNMM04, GHB<sup>+05</sup>, KGKS20, MCS<sup>+02</sup>, MCS<sup>+03</sup>, OSCS04, SCM<sup>+08</sup>, TSWJ12, BDBB07, BPRS11, BSM01b, BTRL99, BOH<sup>+04</sup>, CFR<sup>+14</sup>, CFGR07, CFK15, CC15, COJ<sup>+09</sup>, CLQ<sup>+18</sup>, DKC<sup>+17</sup>, FRW00, FCP99, GMR06, GdRGLS04, Grü99, HRSJ23, HGAB04, HFKY05, HHKH<sup>+04</sup>, HF21, HEW15, KLK<sup>+15</sup>, KRAS24, LMvDA16, LTH05, MML07, MRD13, MXC15, MC12, Mit96, MRM<sup>+12</sup>, OE06, OCKA<sup>+11</sup>, PWITH15, PG18, PW12, SiSA<sup>+02</sup>, Sch02a, THV<sup>+99</sup>, WH01b, WP17, WSL<sup>+11</sup>, Yu03, ZKSS06]. **satellite-based** [Sch02a]. **Satellite-derived** [GHB<sup>+05</sup>, 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>+17</sup>, TCH<sup>+16</sup>]. **Satya** [HBC<sup>+22</sup>]. **saury** [TSB<sup>+14</sup>]. **Savoonga** [FBB<sup>+13</sup>]. **Savoye** [BCD<sup>+09</sup>]. **SAZ** [BTD11, BGDT11, MMC11a, PHD<sup>+11</sup>, WGWW11, dSEDW11]. **SAZ-Sense** [BTD11, BGDT11, MMC11a, WGWW11, dSEDW11]. **SBI** [Ano05b, GH05, GHS09, CFKS05, CFS09]. **scale** [AML<sup>+19</sup>, AHVB<sup>+17</sup>, AKI<sup>+16</sup>, BH19a, BT98, BCH<sup>+19</sup>, BHBC08, CJ19, DCC<sup>+13</sup>, DVS<sup>+14</sup>, DLR11, DPY14, EHL02, FVW08, FM03b, Gag04, GdRGLS04, GMBL10, GBC<sup>+05</sup>,

GHM<sup>+12</sup>, Gre04, HAH<sup>+01</sup>, HCWW01, HGM<sup>+11</sup>, Hol06, HPM02, HEW15, IARR01, IKR<sup>+12</sup>, JKK<sup>+10</sup>, KNV<sup>+10</sup>, KSBK01, KVS<sup>+09</sup>, aLCS15, LSHP01, LM96, MLW<sup>+01</sup>, MALT05, MKS<sup>+20</sup>, MPF<sup>+17</sup>, MMT08, MBO07, MMM<sup>+00</sup>, NRH<sup>+06</sup>, NHS<sup>+13</sup>, NDG96, OBA02, PBS06, PRDF08, PC18, PDA<sup>+17</sup>, PLA<sup>+17</sup>, PE17, PVRA07, PHS03, RR10, SGD<sup>+14a</sup>, SSLP95, SKW<sup>+04</sup>, SGB<sup>+08</sup>, Spa99, SHW<sup>+16</sup>, SCB<sup>+01</sup>, SMG<sup>+07</sup>, SSB<sup>+06</sup>, TSA<sup>+01</sup>, TDCV<sup>+06</sup>, VTA<sup>+11</sup>, WSL<sup>+11</sup>, vFvdBB<sup>+02</sup>, vHSM04b, vRPD<sup>+18</sup>]. **scale-dependent** [DVS<sup>+14</sup>]. **scales** [AL98, AMK<sup>+05</sup>, BBN97, BFH<sup>+11</sup>, BvGH<sup>+17</sup>, BF14, DHM<sup>+22</sup>, DOLP<sup>+09</sup>, DKP<sup>+17</sup>, FHR<sup>+11</sup>, HV03, KMLC<sup>+04</sup>, KBB07, MPL15, MLVM02, RMC<sup>+08</sup>, SLM<sup>+20</sup>, SWO<sup>+01</sup>]. **Scaling** [Fer06]. **scallop** [DKP<sup>+14</sup>, DVC14, SL06, TLW<sup>+94</sup>]. **Scandinavia** [SAM96]. **SCAR** [GDC11]. **SCAR-MarBIN** [GDC11]. **scatterers** [KMKA20]. **scattering** [BSRB17, DO96, LKD<sup>+15</sup>, MOT98, MCCM<sup>+98</sup>, OGBF08]. **Scatterometer** [LCW<sup>+07</sup>, SL11]. **Scavenger** [JTW00, DND04]. **Scavenging** [Ano96f, CAFK03b, CHL<sup>+95</sup>, HBCC13, OOG<sup>+07</sup>, SSL98, VvdLS11, AFB<sup>+94</sup>, CM99a, DHST13, HTD13, NZT97]. **scenario** [DFA<sup>+20</sup>, SBSW07, You10]. **scenarios** [MGGM19, MGG<sup>+17</sup>, PRORSV<sup>+19</sup>]. **schellenbergi** [LMLJ18]. **Schellenbergia** [BV04]. **scheme** [DGT<sup>+17a</sup>, HCJ<sup>+22</sup>, LHX<sup>+22</sup>]. **schemes** [SD22, WZZ<sup>+23</sup>]. **schooling** [KKM<sup>+10</sup>, NSBL94]. **schools** [OM98]. **Science** [JFC18, RBG18, ASBR17, ELP13, HD17, HBM<sup>+07</sup>, Jam18, OSG<sup>+13</sup>, Ano07c]. **Scientific** [Ano07d, HKY<sup>+13</sup>, KR07, PMJ20, RJ05, ROBV<sup>+18</sup>, Ver13]. **scleractinian** [WF13]. **scleractinians** [BFT10, CMVS<sup>+10</sup>, WTS08]. **scobina** [CRT<sup>+00</sup>]. **Scomber** [HiII<sup>+19</sup>, HiII<sup>+20</sup>, OUJ<sup>+19</sup>]. **Scomberomorus** [LTL<sup>+23</sup>, WYL<sup>+20</sup>]. **scombrus** [OUJ<sup>+19</sup>]. **scope** [DW15b]. **scope-based** [DW15b]. **Scopelocheirus** [LMLJ18]. **SCOR** [Ano06e]. **scorpius** [GNB<sup>+17</sup>]. **Scotia** [HiI04, PHM06, REWH11, SHB02, YKY<sup>+07</sup>, BTFB12, BND<sup>+04</sup>, CSF<sup>+12</sup>, CBJ<sup>+23</sup>, CL06, Dia04, FWC<sup>+12</sup>, HBC<sup>+23</sup>, HWN<sup>+04</sup>, HPN<sup>+12</sup>, HNK<sup>+12</sup>, HHNK<sup>+04</sup>, HHKH<sup>+04</sup>, JCM<sup>+13</sup>, KGE<sup>+04</sup>, KWW<sup>+12</sup>, Lin04, LSHP01, MSF<sup>+22</sup>, MTWH04, NCL13, RSWG04, RJB<sup>+04</sup>, SAVP12, SSG14, SAM<sup>+12</sup>, TSW<sup>+12</sup>, Tho04, VMAW12, WGB<sup>+04</sup>, WAV<sup>+12</sup>, WAT12, WAK<sup>+12</sup>]. **scotiae** [PB13]. **Scotian** [BBR<sup>+96</sup>, DSO<sup>+00</sup>, HS07, JCF<sup>+06a</sup>]. **Scottish** [EQW<sup>+13</sup>]. **screening** [DCD<sup>+14</sup>]. **sculpin** [GNB<sup>+17</sup>]. **scyphomedusae** [MMY<sup>+20</sup>]. **SE** [vdLBB<sup>+02</sup>, BNKJ23, FSG02, FS14, KDG<sup>+97</sup>, NGF09]. **Sea** [AN06, AKBD13, Ano95b, Ano96f, Ano96g, Ano97b, Ano97c, Ano06b, ASV18, AKI<sup>+16</sup>, ADGA06, BRCFP23, BS01, BTFB12, BTR95, BN04, BS06, BA02, BFH<sup>+23</sup>, BLG11, BSH<sup>+11</sup>, CHPS00, CDL<sup>+00</sup>, CC00, CCK<sup>+16</sup>, CLMK13, CA06b, CB01, CBB<sup>+00</sup>, CM16a, CMK<sup>+18</sup>, Cri95, CBF<sup>+16</sup>, Dan95, DIM<sup>+12</sup>, DTWW21, DFY<sup>+23</sup>, Di 10, DDK<sup>+00</sup>, DCC<sup>+01</sup>, ENM<sup>+16</sup>, EWA<sup>+03a</sup>, ECM<sup>+06</sup>, FLTV97, FS05, FTT<sup>+17</sup>, GLCP12, GASGB<sup>+14</sup>, GRS00, GAL<sup>+20</sup>, Gol18, GBDM<sup>+14</sup>, GCJ<sup>+00</sup>, Gra09, GC18, GW15, HNW<sup>+08</sup>, HSS<sup>+12</sup>, HMGD17, HBC<sup>+23</sup>, HiII<sup>+20</sup>, HLS<sup>+02</sup>, HWS<sup>+07</sup>, HZZ10, HKY<sup>+16</sup>, ITMG18, JJVH18, JR11, KM05b, KBW<sup>+11</sup>, KOLA<sup>+18</sup>, KGB<sup>+14</sup>, KCY<sup>+16</sup>, KLJ<sup>+16</sup>, LCD<sup>+24</sup>, LMB<sup>+98</sup>, LPJ<sup>+16</sup>, LKLK17, LFW<sup>+11</sup>, LXWC21, LXS<sup>+13</sup>,

LPAR24, LCDS00, LLM<sup>+03</sup>, MB13, MCB18, MSF<sup>+22</sup>, MW99, MDI<sup>+12</sup>,  
 MDC<sup>+10</sup>, MCS<sup>+03</sup>, MD14, MD17, MP94, MDS<sup>+16</sup>, MAA<sup>+05</sup>]. **Sea**  
 [MCG<sup>+98</sup>, Mun16, NG10, NHCL14, NWZL23, ORFA<sup>+14</sup>, PDH<sup>+11</sup>,  
 PWTH15, PKHH17, PNLFS03, PMF<sup>+17</sup>, RJT11, RVJG<sup>+05</sup>, RBB<sup>+97</sup>,  
 RCF<sup>+16</sup>, RBCG10, RDC<sup>+18a</sup>, SGPD<sup>+14</sup>, SCD14, Sco05, SRDV07, SMBM99,  
 SKS<sup>+23</sup>, SRF95, SSK<sup>+07</sup>, SET<sup>+09</sup>, SMHB00, Smi01, SDKH03, Spa99,  
 SGL99, SH02, SMSI08, SMGB03, SLB<sup>+16</sup>, SKM<sup>+14b</sup>, Sum19, SFW<sup>+13</sup>,  
 SFZ<sup>+13</sup>, SHC<sup>+00</sup>, SSH<sup>+00</sup>, TCG<sup>+18</sup>, TKP<sup>+20</sup>, TSB<sup>+14</sup>, VSGM03a,  
 WYOS18, WLA11, WJD<sup>+00a</sup>, WPL<sup>+15</sup>, Won15, WKLM15, WWcW<sup>+15</sup>,  
 XAY<sup>+11</sup>, YJL16, YK04, YKSI19, Zar16, ZSKL19, ZQW19, ZZX<sup>+13</sup>, AVA23,  
 ALWW04, AM22a, Ala18, AP22, ADBW16, ALSF<sup>+17</sup>, ÁRR02, AGW<sup>+13</sup>,  
 ANS<sup>+11</sup>, Ano96d, ASMM11, ATS<sup>+96</sup>, AvD04, ALvD12, APP<sup>+14</sup>, ALT<sup>+13</sup>,  
 AL13, AKHR<sup>+20</sup>, BMHR08, BN97, BMS<sup>+18</sup>, BBL<sup>+13</sup>, BMD<sup>+17</sup>, BSS<sup>+17</sup>,  
 BCN<sup>+16</sup>, BS98, BCN<sup>+17</sup>, BGOL01, BSS20, BFH<sup>+11</sup>, BVL04, BCVCHW04,  
 BHMK08, BBE<sup>+13</sup>, BSM01b, BSJ13, BCE18]. **sea**  
 [BT98, Bor01, BEZ<sup>+22</sup>, BRSIW95, BG10, BBBM04, BDG<sup>+04</sup>, BBB<sup>+07</sup>,  
 BE09, BEB11, BW14, BM15, BSW<sup>+13</sup>, BCB07, BRB<sup>+13</sup>, BLG15, BGH<sup>+19</sup>,  
 CFGR07, CAS<sup>+16</sup>, CV17, CRS<sup>+19</sup>, CKFC18, CC15, CB18, CCL<sup>+14</sup>, Che13,  
 CP18a, CP22, CK24, CKJ<sup>+16</sup>, CKY23a, CKY23b, CM00, CHG15, CHV<sup>+15</sup>,  
 CAJE15, CBMM15, CLGM05, CJF<sup>+12</sup>, CSG<sup>+13</sup>, CFL<sup>+16</sup>, CMB02, CG04,  
 CRD<sup>+17</sup>, CHS17, DWG<sup>+15</sup>, DHCV19, DNM<sup>+16</sup>, DCL<sup>+09</sup>, DCC<sup>+13</sup>,  
 DMC<sup>+17</sup>, DGT<sup>+17a</sup>, DOBH02, DVC14, DGA<sup>+11</sup>, DRBM97, DZL<sup>+17</sup>,  
 DDB<sup>+17</sup>, DCA<sup>+98</sup>, Dia04, DFD<sup>+11</sup>, DFA<sup>+20</sup>, DLF<sup>+09b</sup>, DQC14, DFJ18,  
 DCF<sup>+18</sup>, DBH<sup>+20</sup>, ESG<sup>+17</sup>, EB16, EFR<sup>+16</sup>, EHL02, EGG<sup>+05</sup>, EBDL08,  
 ESL<sup>+10</sup>, EWF<sup>+18</sup>, EHK<sup>+20</sup>, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, FMZ15, FWG<sup>+97</sup>, FVW08,  
 FB14, FGW02, FvFC<sup>+11</sup>, FDR<sup>+18</sup>, FUGG<sup>+09</sup>, FMS08, Gag04, GTSC08,  
 GCS<sup>+12</sup>, GBB<sup>+17</sup>, GS06a, GSM<sup>+08</sup>, GBP<sup>+13</sup>, GPBV<sup>+07</sup>, GIPLL<sup>+14</sup>]. **sea**  
 [GBSL98, GFS99, GBI10, GBO01, HKR<sup>+01</sup>, HCBL<sup>+17</sup>, HD17, HLS<sup>+11</sup>,  
 HTS<sup>+09</sup>, Heb00, HIK<sup>+08</sup>, HHW<sup>+08</sup>, HMAW11, HSR<sup>+16</sup>, HZS00, HC13,  
 HH20, HGM<sup>+11</sup>, HRM<sup>+18</sup>, HP08, HF21, HEW15, HVBO08, HBO11,  
 IARR01, Ive04, JOD98, JZ01, JTT04, Jaz15, JLY<sup>+16</sup>, JDL<sup>+12</sup>, JAP<sup>+13</sup>,  
 JVL<sup>+16</sup>, KBB07, KBK<sup>+18</sup>, KAW<sup>+16</sup>, KBG<sup>+10</sup>, KB15, KT05, KWA<sup>+20</sup>,  
 KCZ<sup>+19</sup>, KRF01, Kel10, KJB<sup>+08</sup>, Kha18, KFJ<sup>+05</sup>, KCD<sup>+17</sup>, KAHS20,  
 KHL<sup>+15</sup>, KFS<sup>+17</sup>, KWT<sup>+16</sup>, KSDE16, KFTE14, KIS02, KHL<sup>+01</sup>,  
 KGHA<sup>+01</sup>, LVJC17, LRGH<sup>+05</sup>, LFPC14, LRFK99, LK98, LOB<sup>+09</sup>, LT16,  
 LRN<sup>+14</sup>, LKJ<sup>+15</sup>, aLCS15, LEP14, LSM<sup>+06a</sup>, LdSN<sup>+18</sup>, LZL<sup>+22</sup>, LMF<sup>+21</sup>,  
 LFC16, LB14, LKTS01, LNDH<sup>+17</sup>, LDW22, LSOM16, LDSV98, Lut15,  
 MBI<sup>+10</sup>, MA15, MA18a, MA18b, MDJS11, Mal04, MB07b, MB07a, MGE13,  
 MFB18, MB18, MBP<sup>+20</sup>, MS06a, MP17, MLS01, MNN10, MB01, MSW<sup>+13</sup>].  
**sea** [MKRY01, MGH<sup>+16</sup>, MRP<sup>+17</sup>, MLVM02, MTK<sup>+18</sup>, Men23, MBD<sup>+17</sup>,  
 MSV<sup>+17</sup>, MLBB14, MDT<sup>+08</sup>, MXC15, MC12, MMDS18, MMN10, MS12,  
 MTDK98, MS11, MC15, NMN<sup>+17</sup>, NGF09, NCCR<sup>+12</sup>, NSWY20, NYH<sup>+20</sup>,  
 NTS<sup>+11</sup>, OGG<sup>+15</sup>, OMS06, OPDM11, OBRJ01, OKH<sup>+22</sup>, ODP<sup>+17</sup>,  
 OCKA<sup>+11</sup>, PTO<sup>+16</sup>, Pal04, PK08, PSA14, PW15, PPM<sup>+17</sup>, PTD<sup>+17</sup>,

PGC<sup>+11</sup>, PFdSG11, PP13, PL04, PEC<sup>+04</sup>, PFX<sup>+02</sup>, PSB14, PPFS17,  
 PPF<sup>+15</sup>, PUB<sup>+06</sup>, PCB<sup>+17</sup>, Pra04, PCP<sup>+17</sup>, PFDD16, PRSS23, PDS<sup>+17</sup>,  
 PGZ<sup>+09</sup>, ROB<sup>+17</sup>, RBDO17, RHD<sup>+11</sup>, RHW04, RMBW07, RRT<sup>+17</sup>,  
 RDV<sup>+09</sup>, RSW<sup>+13</sup>, RE98, RGHN<sup>+97</sup>, RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>, RTI<sup>+16</sup>,  
 RIHGS00, RAF<sup>+14a</sup>, RAF<sup>+14b</sup>, RKM23a, RLG07, RDdL<sup>+13</sup>, Rog00,  
 RSS01, RRK<sup>+20</sup>, RSdV<sup>+09</sup>, RBP<sup>+94</sup>, Row13, RPZ<sup>+14</sup>, RNB07, SIA<sup>+05</sup>,  
 SBM16, SGGW11, SS13a, SSWM18, SLS<sup>+09</sup>, SLS17, SBDB09, SI09,  
 SSMM<sup>+08</sup>, SSHM<sup>+08</sup>, SBS<sup>+00</sup>]. **sea**  
 [SSB<sup>+17</sup>, SE07, SWB<sup>+09</sup>, SRW<sup>+10</sup>, STFL<sup>+13</sup>, SDT<sup>+17</sup>, SDL22, SFV<sup>+98</sup>,  
 Sha01, SBHS20, SS09, SSR13, SK07, SGW<sup>+15</sup>, SRS<sup>+15</sup>, SNS<sup>+07</sup>, SO98,  
 SV09, SZH20, SNB02, SC16, SAW16, SSI19, ŠHW<sup>+04</sup>, STD<sup>+20</sup>, SDCH99,  
 SBG<sup>+98</sup>, SLM98, SK02, SMS<sup>+08</sup>, SBM<sup>+13</sup>, SBR<sup>+97</sup>, Sor99, SMPSD04,  
 Sot09, SMH<sup>+11</sup>, SWH08, SHW<sup>+16</sup>, SSC<sup>+23</sup>, SC15, STR<sup>+14</sup>, STWW01,  
 SNK07, TBC<sup>+17</sup>, TSS<sup>+02</sup>, TSW<sup>+09</sup>, Thi01, Thi98, TP99, TCEW07,  
 TWD<sup>+08</sup>, TD16, TLP<sup>+12</sup>, TMT<sup>+11</sup>, THT11, TML<sup>+16</sup>, TKF16, TMP<sup>+13</sup>,  
 TLW<sup>+94</sup>, TLKT00, TNBL95, TY98, VGSV09, VTA<sup>+11</sup>, VK04, VKGP<sup>+11</sup>,  
 VALM17, VHM17, VMI<sup>+08</sup>, VGD14, VAMPR<sup>+17</sup>, VHC<sup>+17</sup>, Vri09, Vri13,  
 WW99, WF13, WSE<sup>+16</sup>, WLY<sup>+22</sup>, WZZ<sup>+23</sup>, WB09, Wat09, WSF<sup>+24</sup>,  
 WJR<sup>+16</sup>, WBM<sup>+10</sup>, WTT<sup>+20</sup>, WNRM08, WACGH11, WAP<sup>+18</sup>, WAM<sup>+18</sup>,  
 WDMEL01, Wil98, WLD<sup>+07</sup>, WTA<sup>+18</sup>, WYIT13, WMA11, WSL<sup>+11</sup>]. **sea**  
 [WBA03, WL02, WPFB11, WPSB11, WPB11, XSL<sup>+17</sup>, YZZ<sup>+16</sup>, YZZ<sup>+19</sup>,  
 YLG<sup>+18</sup>, YERT13, ZBC<sup>+13</sup>, ZLZ<sup>+15</sup>, ZJFV15, ZAC<sup>+15</sup>, ZWZ18, ŽSN<sup>+18</sup>,  
 Zül05, AIW03, AN05, ASMH08, AM18, AM22b, ATJ05, ACBV<sup>+18</sup>, Ala13,  
 Ala18, Ala22, APMN<sup>+17</sup>, AMvD<sup>+12</sup>, Ald95, AFC<sup>+17</sup>, AAG19, ASF<sup>+16</sup>,  
 And00, ASN<sup>+02</sup>, AGN<sup>+02</sup>, APP<sup>+14</sup>, AGM<sup>+93</sup>, AI09, ASFI02, ADGA05,  
 ACG<sup>+17</sup>, AMTE09, AS95, Avr02, AM07, AAL<sup>+17</sup>, BN05, BK99, BTB<sup>+08</sup>,  
 BDR16, BCE<sup>+07</sup>, BH14, BDL<sup>+22</sup>, BFD<sup>+23</sup>, BDF00, BRM18, BRJM18,  
 BKP<sup>+19</sup>, BE00, BEGC04, BMB<sup>+01</sup>, BG08, BMC99, BL99, BZ20, BFDB17,  
 BMK<sup>+13</sup>, BCBF03, BH19a, BCM02, BSE<sup>+16</sup>, BKS<sup>+16</sup>, BGCH20, BDO00,  
 BFT10, BDM<sup>+03</sup>, BF14, BPBJ13, Blo02, BCKH07, BIH10, BFL00, BSP00,  
 BL00, BSN18, BFML<sup>+08</sup>, BCE18, BSS<sup>+00</sup>, BZMC20, BRS1W95, BG09a,  
 BND<sup>+04</sup>, BSS<sup>+02</sup>, BDR<sup>+03</sup>, BEB<sup>+13</sup>, BAF<sup>+18</sup>]. **Sea**  
 [BSL11, Bre93, BLW<sup>+09</sup>, BG09b, BWC<sup>+02</sup>, BM07, BMK09, BFS<sup>+17</sup>,  
 BLB<sup>+99</sup>, BLC<sup>+02</sup>, BCP<sup>+15</sup>, BLP<sup>+15</sup>, BOKA16, BOJ<sup>+10</sup>, BLSS10, BBA<sup>+98</sup>,  
 BLC<sup>+08</sup>, BGH<sup>+19</sup>, BES95, BOP95, BBB<sup>+01</sup>, ÇYB<sup>+18</sup>, CHW<sup>+12</sup>, CLC<sup>+98</sup>,  
 CAS<sup>+16</sup>, CV17, CB97, CSL<sup>+22</sup>, CBCT09, CBBM12, COS<sup>+16</sup>, CDS96, CD99,  
 CZP<sup>+08</sup>, CDRA08, CAGL13, CMB<sup>+97</sup>, CC13, CKFC18, CSE<sup>+22</sup>, CSGC03a,  
 CLC<sup>+03</sup>, CD09, CC03, CSGC03b, ILCCC07, CMG<sup>+12</sup>, CHL<sup>+15</sup>, CSG<sup>+15</sup>,  
 CLSS15, CCL<sup>+14</sup>, CCS<sup>+16</sup>, CHH<sup>+21</sup>, CWB02, Che13, CP18a, CP22,  
 CLL<sup>+03</sup>, CHT<sup>+13</sup>, CW97, CSL<sup>+07</sup>, CB00a, CM00, CCC<sup>+03</sup>, CBSS02,  
 COQ<sup>+18</sup>, CDRB16, CMC<sup>+05</sup>, CWTJ03, ÇYFB<sup>+06</sup>, ÇYAYT06, CDA98,  
 CBC02, CMA<sup>+09</sup>, Cok16, CDH<sup>+00</sup>, CSF<sup>+12</sup>, CRR01, CLH<sup>+00</sup>, CKS05,  
 CBJ<sup>+23</sup>, CJF<sup>+12</sup>, CSG<sup>+13</sup>, CFL<sup>+16</sup>, CCC<sup>+23</sup>, CSS<sup>+22a</sup>, CMB02, CG04,  
 CMVS<sup>+10</sup>, Cor10, CL09, CML<sup>+09</sup>, CWE<sup>+17</sup>, CP02, CBK<sup>+07</sup>, CKB<sup>+07</sup>,

CPEN08, CBK<sup>+22</sup>, CMB12]. **Sea**

[CML<sup>+14</sup>, CMC<sup>+02</sup>, DMS<sup>+10</sup>, DCC<sup>+17</sup>, DF16, DLG<sup>+14</sup>, DW15a, DEJ08, DYEJ08, DAA<sup>+20</sup>, Dau18, DSD12, DSK<sup>+13</sup>, DDAH<sup>+14</sup>, DGA<sup>+11</sup>, DC12, DCA09, DC00, DWM<sup>+15</sup>, DGK<sup>+22</sup>, DCM<sup>+99</sup>, DMC<sup>+01</sup>, DNG<sup>+12</sup>, DMS<sup>+98</sup>, DOB<sup>+01</sup>, DKS03, DKS11, DLL<sup>+15</sup>, DBL<sup>+05</sup>, DFJ18, DAGK<sup>+17</sup>, DKdS<sup>+03</sup>, DG18, DOC01, DSC<sup>+01</sup>, DFK<sup>+06</sup>, DABF<sup>+16</sup>, DBC<sup>+19</sup>, DGT14, DGT17b, DKZP16, ETP<sup>+16</sup>, ESK06, EBS99, ENM<sup>+14</sup>, EGL<sup>+16</sup>, EZB<sup>+20</sup>, EFR<sup>+19</sup>, EAF<sup>+17</sup>, EGMB13, EGOO22, EBG<sup>+22</sup>, EMB<sup>+22</sup>, ESWL20, ESDM13, EOB03, EMW<sup>+08</sup>, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, FM13, FS24, FBB<sup>+13</sup>, FLTV04, FLTCV10, FHAH16, FMC<sup>+20</sup>, FL02, FJR<sup>+20</sup>, FC15, FWC<sup>+12</sup>, FWR<sup>+02</sup>, FJG<sup>+00</sup>, FK98, FA03, FHvFM08, FDR<sup>+18</sup>, FS02, FHT<sup>+14</sup>, FWZM12, FZW<sup>+13</sup>, FHW06, FAMY20, FHK18, FHYI03, GMK<sup>+08</sup>, GKH<sup>+07</sup>, GWL<sup>+15</sup>, GWZ16, GEP<sup>+16</sup>, GMS<sup>+02</sup>, GLCU<sup>+17</sup>, GGRW99, GGH98, GGH<sup>+00</sup>, GPÇ18, GMR<sup>+05</sup>]. **Sea**  
 [GDD<sup>+09</sup>, GAL<sup>+12</sup>, GMLB99, GGDF08, GLK<sup>+06a</sup>, GLK<sup>+06b</sup>, GdRGH<sup>+14</sup>, GGC19, GBH<sup>+17</sup>, GS08, GBPB<sup>+13</sup>, GMB18, GM22, GWWL03, GP15, GP16, GLSK<sup>+17</sup>, GPBV<sup>+07</sup>, GBSL98, GBLS00, GBBS00, GHG<sup>+04</sup>, GBC<sup>+05</sup>, GHM<sup>+12</sup>, GOM<sup>+09</sup>, GGO<sup>+14</sup>, GW98, GFS99, GHD<sup>+18</sup>, GRSW00, Gri13, GKBG17, GK16, GMC<sup>+12</sup>, GMC97, GGRW98, GZZC10, GNHS05, HNW<sup>+08</sup>, HP98, HC01, HXF<sup>+23</sup>, HSS<sup>+12</sup>, HPS<sup>+13</sup>, HPL<sup>+12</sup>, HS13, HTPM14, HT17, HML99, Hat02a, Hat02b, HLZY10, HHW<sup>+08</sup>, HSFN13, HKSV11, HGK<sup>+18</sup>, HSHM02, HGB<sup>+13</sup>, HGB<sup>+16</sup>, HKC<sup>+21</sup>, HWN<sup>+04</sup>, HPN<sup>+12</sup>, HNK<sup>+12</sup>, HRS<sup>+23</sup>, HH20, HFKY05, HM06, HPY<sup>+15</sup>, HK08, HH05, HBC<sup>+12</sup>, HHH<sup>+22</sup>, HHNK<sup>+04</sup>, HHKH<sup>+04</sup>, HDPI99, HKMS03, HK10, HKP10, HWS<sup>+13</sup>, HTM<sup>+03</sup>, HSD04, HMSMK04, HFL<sup>+15</sup>, HZ19, HHX<sup>+10</sup>, HZN<sup>+16</sup>, HZWW16, HXC<sup>+22</sup>, HLL<sup>+09</sup>, HHR<sup>+08</sup>, HCG<sup>+03</sup>, HWC07, HSW<sup>+02</sup>, HBJ02, HSSN08, HPS<sup>+11</sup>, HRK14, HRG<sup>+16</sup>, HBB<sup>+13</sup>, HON<sup>+13</sup>, Hus16]. **Sea**  
 [IS07, IBD10, IMG<sup>+19</sup>, ITT12, IOTS16, IABR<sup>+17</sup>, IOK03, IFFGL<sup>+04</sup>, IGP<sup>+06</sup>, IKR<sup>+12</sup>, IPTH03, ITM<sup>+12</sup>, ITK<sup>+16</sup>, JTW00, JTT04, JT07, JMW<sup>+20</sup>, JCM<sup>+13</sup>, JLY<sup>+16</sup>, JZX10, JLR<sup>+13</sup>, JCP17, JKP<sup>+17</sup>, JPZ93, JLB<sup>+99</sup>, JWC<sup>+01</sup>, JHHK14, JSP<sup>+17</sup>, KHS<sup>+02</sup>, KKSA19, Kam13, Kam18, KMT20, KIIW03, KJL<sup>+17</sup>, KLL03, KLTS13, KGE<sup>+04</sup>, KT05, KDMH18, KBKW13, KME18, KFJ<sup>+05</sup>, KBVM13, KSH12, KMM<sup>+08</sup>, KFH01, KLY<sup>+15</sup>, KKT16, KKK<sup>+17</sup>, KAM<sup>+20</sup>, KMD<sup>+99</sup>, KMDW01, KMO09, KBSS93, KMD<sup>+01</sup>, KGS23, KYKJ16, KFK06, KOT<sup>+20</sup>, KIM08, KFTE14, KRGT14, KTF07, KMLT06, KSS00a, KW00, KWW<sup>+12</sup>, KOR06, KL13, KLČ<sup>+19</sup>, KRLH14, KRG<sup>+01</sup>, KN05, KSS<sup>+00b</sup>, KHL<sup>+17</sup>, KHH<sup>+17</sup>, Kyt02a, LLK<sup>+16</sup>, LTG<sup>+09</sup>, LCVV06, LS12, LRGH<sup>+05</sup>, LGHD20, LLD<sup>+17</sup>, LG00, LBC<sup>+98</sup>, LS14a, LMM<sup>+17</sup>, LG09, Las93, LB98a, LPK<sup>+17</sup>, LLB<sup>+00</sup>, LJBF00, LC03, LLLP<sup>+03</sup>, LN05, LPW<sup>+09</sup>, LGK15, aLCS15, LJL<sup>+17</sup>]. **Sea**  
 [LAP<sup>+17</sup>, LVP13, LMS09, LGML00, LL00, LTW<sup>+11</sup>, LGQ99, LYN<sup>+13</sup>, LLH<sup>+15</sup>, LW15, LWW<sup>+15</sup>, LZC<sup>+16</sup>, LWL<sup>+16</sup>, LCW<sup>+07</sup>, LH07, LRH<sup>+11</sup>, LGC<sup>+12</sup>, LHZJ13, LHZ<sup>+16</sup>, LPM<sup>+19</sup>, LSHB09, Lin16, LLM<sup>+17</sup>, LBB<sup>+07</sup>, LTS<sup>+97</sup>, LL14, LCL<sup>+98</sup>, LPSS03, LKH<sup>+07</sup>, LCT<sup>+07b</sup>, LCT<sup>+07a</sup>, LS10, LBY<sup>+10</sup>, LCL<sup>+10</sup>, LZZ<sup>+16</sup>, LLS<sup>+19</sup>, LSA14, LGR<sup>+14</sup>, LRDS18, LMC<sup>+12</sup>,



LBJ<sup>+13</sup>, LS14b, LJB18, LPS14, LvDA14, LPM<sup>+15</sup>, LSL<sup>+15</sup>, LP14, LWGS00,  
 LSOM16, LOFC00, MAH<sup>+12</sup>, MHO02, Mac08, MGHN01, MMY<sup>+20</sup>, MA13,  
 MA18a, MA18b, MTR<sup>+10</sup>, MGE13, MG22, Mar18, MDH<sup>+98</sup>, MTBB00,  
 MMID17, MCPA02, MC02, Mar13, MGMP02, MPS<sup>+21</sup>, MHB05, MBHB09,  
 MCM<sup>+14</sup>, MW05a, MAK<sup>+16</sup>, MES<sup>+23</sup>, MGN99, MKRY01, McP08,  
 MGS<sup>+10</sup>, MMWM00, MV99, Men23, MDT<sup>+08</sup>, MCJ<sup>+99</sup>, MDH16, MDO<sup>+98</sup>,  
 MW05b, MBM<sup>+00</sup>, MBG<sup>+24</sup>, MMDS18, MiSW08, ML20, MBDB<sup>+24</sup>,  
 MBS05, MGC<sup>+14</sup>, MKH<sup>+05</sup>, MLK<sup>+12</sup>, MR08, MFS<sup>+23</sup>, MKD23]. **Sea**  
 [MSRM08, MCL<sup>+12</sup>, MBC<sup>+20</sup>, MQD06, MBTM97, MCS<sup>+99</sup>, MPHF02,  
 MFM<sup>+18</sup>, MPS<sup>+03</sup>, MTWH04, MHG<sup>+17</sup>, MWB95, MMM<sup>+00</sup>, Mur06,  
 MBG09, MSA<sup>+14</sup>, NAT<sup>+12</sup>, NISG05, NBB<sup>+02</sup>, NS93, NSLAP<sup>+17</sup>, NCK<sup>+22</sup>,  
 NBSM01, NSY04, NMW<sup>+09</sup>, NRS14, NVBJ08, NCE<sup>+23</sup>, NLS<sup>+10</sup>, NLY<sup>+13</sup>,  
 NG07, NMC<sup>+07</sup>, NYH<sup>+20</sup>, NRM<sup>+99</sup>, NHBM10, NBCT13, NBBBT13,  
 NEN<sup>+07</sup>, NZT97, NCL13, OMG<sup>+11</sup>, OUK03, OMY<sup>+03</sup>, OHT12, OE06,  
 OYM<sup>+13</sup>, ONRW10, OM16, OTNT05, OTK<sup>+05</sup>, OTA<sup>+05</sup>, OSCS04, OCP18,  
 OACA19, OOG<sup>+07</sup>, OT10, OHFW93, OS02, OENB01, OT12, ODR<sup>+09</sup>,  
 OW09, OAH<sup>+16</sup>, OBH<sup>+18</sup>, OT03, OBA02, OWW<sup>+12</sup>, OGG<sup>+20</sup>, OCKA<sup>+11</sup>,  
 PHOM09, PAM<sup>+04</sup>, PW15, PLD<sup>+17</sup>, PHH<sup>+16</sup>, PW05, PK13, PSHF<sup>+13</sup>,  
 PSUH<sup>+16</sup>, PLdL97, PPZ93, PAR<sup>+08</sup>, PS23, PP95, PTP09, POI17, PDA<sup>+17</sup>,  
 PL00, PSK00a, PPT<sup>+10</sup>, PNL<sup>+19</sup>, PMGH01, PBVC<sup>+16</sup>, PBN10, PCH<sup>+22</sup>,  
 PN93, PC08, PE17, PTA<sup>+99</sup>]. **Sea**  
 [PBNF<sup>+16</sup>, PDB<sup>+16</sup>, PST<sup>+05</sup>, PSS<sup>+16</sup>, PRA<sup>+95</sup>, PJ99, PRJW05, PFG<sup>+03</sup>,  
 PS05, PDS00, PAUB19, PVT<sup>+21</sup>, PKZ<sup>+19</sup>, PRSS23, PWN<sup>+11</sup>, PZK<sup>+05</sup>,  
 POA<sup>+16</sup>, RSR<sup>+19</sup>, RRRMM05, RSR05, RCW<sup>+15</sup>, RKTG14, RTC06, RS02,  
 RWR<sup>+02</sup>, RH07, RSWG04, RJB<sup>+04</sup>, RRWR08, RZL<sup>+10</sup>, RZS<sup>+16</sup>, RMC<sup>+08</sup>,  
 RDW<sup>+12</sup>, RAF<sup>+11</sup>, RD16, RJDR06, RSF<sup>+99</sup>, RJ05, RWRS08, RHI00, RI05,  
 RVGF02, RHB<sup>+95</sup>, RG93, RIBW99, RBO07, RKM23a, RSW<sup>+00</sup>, RNP93,  
 RBB<sup>+97</sup>, RD02, RCG18, ROBV<sup>+18</sup>, RKM<sup>+22</sup>, RKM<sup>+23b</sup>, RN96, SCM<sup>+02</sup>,  
 SIA<sup>+05</sup>, Sam01, SMZ<sup>+08</sup>, SBM16, SS13a, SSK<sup>+23</sup>, San13, SNS10, SSI<sup>+99</sup>,  
 SKS<sup>+16</sup>, SAG<sup>+10</sup>, SA15a, SA18, SHGB95, SC10, SAVP12, SSMM<sup>+08</sup>,  
 SSHM<sup>+08</sup>, SBS<sup>+00</sup>, SRY04, SHA02, SBD05, SWC09, Sco05, SHS<sup>+12</sup>,  
 SSY<sup>+05</sup>, SOS01, SRH<sup>+11</sup>, SSR13, SW01, SZG<sup>+13</sup>, SGW<sup>+15</sup>, SGC03,  
 SNS<sup>+07</sup>, SHH03, SSK<sup>+05</sup>, SET<sup>+09</sup>, SID19, SHM13]. **Sea**  
 [SZH20, SM96a, STM04a, STM04b, SCM<sup>+08</sup>, SKR<sup>+12</sup>, SSE<sup>+14</sup>, SNS<sup>+16</sup>,  
 SS02, SZV<sup>+19</sup>, SDCH99, ST07, SW00, SDAH<sup>+12</sup>, SSDA13, SEN<sup>+95</sup>,  
 SRP<sup>+98</sup>, SLH<sup>+00</sup>, Smi01, SHR02, SDMC03, SSP<sup>+06</sup>, SHM<sup>+07</sup>, SJM02,  
 SSR96, SP00, SKK<sup>+16</sup>, SLZ<sup>+16</sup>, SS01, SABP<sup>+16</sup>, SKGD14, SGD14b,  
 SPB<sup>+14</sup>, SNFK20, SKSW02, SBS07, SFK<sup>+12</sup>, SKM<sup>+12</sup>, SDK<sup>+16</sup>, SBB<sup>+19</sup>,  
 SMS20, SM20, SM23, SFH<sup>+18</sup>, SGM<sup>+14</sup>, SWH08, SMGB02, SBE<sup>+99</sup>, Ste13,  
 SYZ<sup>+24</sup>, SL12, SWSL14, SWG14, SZS<sup>+07</sup>, SAM<sup>+12</sup>, SBS<sup>+02</sup>, SHPM14,  
 SF08, SNW08, SDLZ13, SLB<sup>+15</sup>, SKH<sup>+10a</sup>, SKM<sup>+14b</sup>, Sum19, SHY10,  
 SESS08, SJSI00, SWMB10, SMLS02, SMB03, SAB08, SNK07, SCM<sup>+09</sup>,  
 Tak05, TRO16, TGA<sup>+09</sup>, TRH<sup>+08</sup>, TOSH08, TR02, Tan03, TT05, TSZ10,  
 TSZT13, TSW<sup>+12</sup>, TBEW99, TLF97, TMP<sup>+19</sup>, Tho04, Tho24, TDCV<sup>+06</sup>,

TWL<sup>+15</sup>, TP99, TKF07, TŠŠ<sup>+19</sup>, TLR<sup>+00</sup>, Tou99, TTCD14, TPP<sup>+20</sup>]. **Sea** [TIS<sup>+13</sup>, TIKS03, TTA<sup>+16</sup>, TO95, TOP95, TWG00, TLMT97, UKM16, UKJ<sup>+20</sup>, UFAK06, UC13, VMBS03, VNA<sup>+16</sup>, VJP<sup>+10</sup>, VJF23, VV23, VPK<sup>+19</sup>, VMAW12, VKM13, VVV04b, VSC<sup>+11</sup>, VCDAL14, VWTK18, WPHL02, WAPL95, WWH<sup>+10</sup>, WT14, WLD15, WZC<sup>+19</sup>, WRZ<sup>+19</sup>, WZZ<sup>+19</sup>, WL20, WPD22, WGB<sup>+04</sup>, WAV<sup>+12</sup>, WAT12, WBM96, WCB08, WBA<sup>+17</sup>, WGR<sup>+95</sup>, WOM<sup>+16</sup>, WSLP10, WZW<sup>+22</sup>, WAW<sup>+05a</sup>, WFW<sup>+17</sup>, WBJ<sup>+98</sup>, WFR<sup>+02</sup>, WYPY06, WPW95, WAK<sup>+12</sup>, WBD17, WABW02, WWV12, WJD<sup>+00b</sup>, WMM02, WSB13, WDMEL01, WTZ02, WGMC14, WCS07, WGG98, WP00, Wit00, WLL00, WZ03, WKM<sup>+07c</sup>, WYIT13, WP17, WLC99, WAW05b, WRS99, WTSP07, WC07b, WDC<sup>+15</sup>, WCL<sup>+15b</sup>, WLH<sup>+16</sup>, WYT19, XGL15, XAY<sup>+11</sup>, XSM<sup>+19</sup>, XZM<sup>+23</sup>, YLD09, YCD<sup>+06</sup>, YCN<sup>+10</sup>, YKS03, YHK15, YLR18, YXC<sup>+19</sup>, YCT<sup>+22</sup>, YMC<sup>+22</sup>, YD09, YCA<sup>+20</sup>, YZZ<sup>+16</sup>, YZZ<sup>+19</sup>, YET06, YÇYTKB06, Ynd09, YK04, YKS19, YAOW05, YKY<sup>+07</sup>]. **Sea** [YNK07, YCYK10, YXZ<sup>+22</sup>, YBC<sup>+17</sup>, YHL<sup>+12</sup>, YLK<sup>+15</sup>, ZCP<sup>+08</sup>, Zar16, ZHD<sup>+08</sup>, ZFP<sup>+16</sup>, ZWM12, ZHY<sup>+13</sup>, ZWC<sup>+15</sup>, ZLZ<sup>+15</sup>, ZAC<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>, ZXH<sup>+13</sup>, ZS19, ZNPR09, ZWL<sup>+22</sup>, Zon97, ZB00, ZFA<sup>+02</sup>, dBC<sup>+09</sup>, dSG09a, vC97, vdLCS<sup>+11</sup>, CDB94]. **Sea-air** [ITMG18, FWG<sup>+97</sup>]. **sea-disposed** [EFR<sup>+16</sup>, TD16]. **sea-floor** [LSM<sup>+06a</sup>]. **Sea-ice** [Gra09, MW99, RCF<sup>+16</sup>, WYOS18, WLA11, XAY<sup>+11</sup>, AvD04, BCVCHW04, BRSIW95, CAS<sup>+16</sup>, CSG<sup>+13</sup>, DGA<sup>+11</sup>, DCF<sup>+18</sup>, FGW02, FMS08, GBI10, HHW<sup>+08</sup>, HMAW11, HSR<sup>+16</sup>, HH20, HVBO08, JVL<sup>+16</sup>, KT05, LDW22, MGH<sup>+16</sup>, NYH<sup>+20</sup>, PEC<sup>+04</sup>, SIA<sup>+05</sup>, SMS<sup>+08</sup>, SMH<sup>+11</sup>, SWH08, THT11, VMI<sup>+08</sup>, WSE<sup>+16</sup>, WMA11, WSL<sup>+11</sup>, WBA03]. **Sea-ice-thickness** [SET<sup>+09</sup>]. **sea-level** [EHL02]. **Sea-surface** [Dan95, ECM<sup>+06</sup>, GLCP12, HZZ10, ATS<sup>+96</sup>, BHMK08, BSM01b, EHK<sup>+20</sup>, KIS02, MB01, MKRY01, MC12, Pal04, SWB<sup>+09</sup>, SMPSD04, SMH<sup>+11</sup>, WDMEL01, DKdS<sup>+03</sup>]. **sea-to-air** [FUGG<sup>+09</sup>, YZZ<sup>+16</sup>, YZZ<sup>+19</sup>]. **Sea-viewing** [STM04a, STM04b]. **Sea/Japan** [YK04]. **Sea/Sea** [ZSKL19]. **SeaBeam** [CES98]. **seabed** [LLC17, SNPS01]. **Seabight** [RRL<sup>+14</sup>, BRG17]. **Seabird** [REWH11, SAB08, WRBS10, AST<sup>+05</sup>, HV03, JTK<sup>+14</sup>, JHHK14, KCO<sup>+19</sup>, KCL20, NYH<sup>+20</sup>, OMS06, PDA<sup>+17</sup>, PLA<sup>+17</sup>, RMD<sup>+12</sup>, RAF<sup>+11</sup>, SBSW07, STS<sup>+15</sup>, VLP<sup>+17</sup>, WTT<sup>+20</sup>]. **seabird-prey** [NYH<sup>+20</sup>]. **seabirds** [AH17, BFSK08, BSR08, BSRM08, CRF04, EQW<sup>+13</sup>, HPS<sup>+13</sup>, HRK14, JNB17, SM12, SVJ<sup>+08</sup>, SSJ<sup>+22</sup>, SJJ19, Wei07, YKN07, vFvdBB<sup>+02</sup>]. **Seafloor** [BH03, ÇYB<sup>+18</sup>, CPW<sup>+18</sup>, CTT09, NCCR<sup>+12</sup>, ABG<sup>+20</sup>, Blu01, CGG<sup>+19</sup>, DME<sup>+18</sup>, GTB15, HDR<sup>+11</sup>, HSM<sup>+01a</sup>, HDW<sup>+20</sup>, NKE11, NHS<sup>+13</sup>, SHD<sup>+96</sup>, SDLZ13, TD16]. **seagrass** [AHHCR23]. **seal** [AHB<sup>+17</sup>, CRJ<sup>+08</sup>, DFMW13, KY17, RSL05, SMA<sup>+17</sup>, SSWM18, VGGLB15]. **sealing** [BCG<sup>+22</sup>]. **seals** [BCE<sup>+07</sup>, BLB<sup>+11</sup>, BSR<sup>+18</sup>, BZMC20, BTLC98, BCF<sup>+04</sup>, BHBC08, CKH<sup>+08</sup>, CBK<sup>+22</sup>, FPHH<sup>+09</sup>, FHvFM08, FMWD07, GFCS04, GBC<sup>+13</sup>, GHM18, GBH<sup>+17</sup>, HCZ<sup>+07</sup>, HAGW<sup>+13</sup>, MCS07, MCBC08, MdSLH13, NBCT13, NBBBT13, SM12, SVJ<sup>+08</sup>, VHC<sup>+17</sup>].

**Seamount** [BRP<sup>+13</sup>, CDJ<sup>+22</sup>, LDBS<sup>+17</sup>, MAN<sup>+20</sup>, MTDK98, WSF<sup>+24</sup>, ZBC<sup>+13</sup>, BLM13, BSCR11, CVA<sup>+13</sup>, CSM<sup>+13a</sup>, CGPM13, LCK<sup>+18</sup>, MDG13, MG13, MWB<sup>+09</sup>, PGPI<sup>+13</sup>, PGPP<sup>+13</sup>, PCP<sup>+17</sup>, RG13, RNR20, SMB<sup>+13</sup>, THM<sup>+13</sup>, VHT<sup>+20</sup>, VOK<sup>+24</sup>, BOC18, CMH09, ID19, MPE<sup>+09</sup>, MWB<sup>+09</sup>, SCCG09, TMC04]. **Seamount-induced** [CDJ<sup>+22</sup>]. **Seamounts** [KVB<sup>+09</sup>, MGT<sup>+20</sup>, ACD<sup>+17</sup>, ATLD<sup>+20</sup>, ACR<sup>+20</sup>, AMV<sup>+09</sup>, CSM13b, CRA<sup>+20</sup>, CW09, CBA<sup>+20</sup>, DCL<sup>+09</sup>, DNR20, DRR17, GMB13, HNM<sup>+20</sup>, HRX17, HMC09, MC09, MBP09, NRSL17, NRH<sup>+20</sup>, PR17, RP17, RTM<sup>+20</sup>, RT20, RAB<sup>+17</sup>, Rog17, SWB<sup>+18</sup>, SBC17, VTD<sup>+20</sup>, BMP<sup>+09</sup>, MRMP09, VAK<sup>+09</sup>]. **Search** [BKS<sup>+16</sup>, KK19, RG06b]. **SEAS** [JJVH18, BLB<sup>+11</sup>, Dia04, Bea09, Car07, CMNO23, DSW20, GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>, GGI03, HTTS12, HS05b, LGP<sup>+03</sup>, MN10, MSM10, NEN<sup>+07</sup>, TTL<sup>+16</sup>, Uys06, VPA<sup>+20</sup>, WBO07, WZ03, ATN<sup>+12</sup>, AGP05, BHMC05, BBH05, BAS00, CG07, CMV<sup>+20</sup>, CGG<sup>+19</sup>, CL06, DEL<sup>+17</sup>, DB05, DTWF17, EGG<sup>+05</sup>, FNS20, FB05, GCCG13, Gra09, GNB<sup>+17</sup>, HCAK17, Hil04, HCS05, HZZ10, JRK<sup>+17</sup>, KBE<sup>+04</sup>, KLD21, KCL20, LGC<sup>+12</sup>, LD07, LBM<sup>+20</sup>, LWJR22, LFC16, MCL<sup>+19</sup>, MCK<sup>+19</sup>, MNN10, MA09, NSWY20, ODH<sup>+07</sup>, OIJ<sup>+19</sup>, OBKA17, PVK<sup>+20</sup>, PKA95, PCAS05, PPF<sup>+15</sup>, PdBK<sup>+03</sup>, RPB99, RRK<sup>+20</sup>, REWH11, SMB<sup>+17</sup>, STD<sup>+20</sup>, VSM17, WDM<sup>+05</sup>, WCC05, WOS12, YH10]. **season** [AST<sup>+05</sup>, CAMA<sup>+02</sup>, CMNO23, CWEHT22, KYI10a, SBA18, VSGGPR14]. **Seasonal** [APMN<sup>+17</sup>, dSVC<sup>+14</sup>, AMTE09, BN97, BRJM18, BMK96, BHMC05, BL96, BHS<sup>+17</sup>, BM07, BD06, CD09, ILCCC07, CWS05, CVM<sup>+01a</sup>, CMW<sup>+08</sup>, CRR01, CPH01, CLPL<sup>+09</sup>, CP05, CKL03, DDN<sup>+04</sup>, DB05, DC00, Di 03, DMS<sup>+98</sup>, DI00, FBC<sup>+02</sup>, GRS00, GSW<sup>+09</sup>, GWWL03, GCJ<sup>+00</sup>, HXF<sup>+23</sup>, HWM02, HLL<sup>+10</sup>, HHH<sup>+14</sup>, HMW00, HK01, HRK14, JC03, JCM<sup>+13</sup>, JKP<sup>+17</sup>, JRGLJ<sup>+19</sup>, KCD<sup>+96</sup>, KNG02, KC03, KAM<sup>+20</sup>, KL03, KN05, KKNH02, LUV99, Lad14, LAMS<sup>+01</sup>, LSB<sup>+02</sup>, LPA<sup>+17</sup>, LAB<sup>+17</sup>, aLCS15, LJL<sup>+17</sup>, LCG03, LDWK96, LHM14b, LSGM02, LH07, LZB96, LIS<sup>+02</sup>, LCT<sup>+07a</sup>, LCL<sup>+10</sup>, LZZ<sup>+16</sup>, MHG<sup>+04</sup>, MCPA02, MC02, MB01, MDTS08, MC18b, MV99, MAR<sup>+15</sup>, MNR<sup>+11</sup>, MPF<sup>+17</sup>, MCJ<sup>+99</sup>, MXC15, MSS<sup>+02</sup>, MMC11a, MKH<sup>+05</sup>, MLK<sup>+12</sup>, MOA<sup>+18</sup>, MBC<sup>+20</sup>, MCG<sup>+98</sup>, MGC<sup>+01</sup>, MSBS01, ONRW10, OMAA18, Pal04, PVK<sup>+20</sup>, PC00, PNL<sup>+19</sup>, PCAS05, PLHMA06, PPR<sup>+20b</sup>, RRMM05]. **Seasonal** [RMA<sup>+20</sup>, RTFB09, RRS<sup>+98</sup>, RMBG11, SMLP04, SSH<sup>+02</sup>, SWK<sup>+23</sup>, SSI<sup>+99</sup>, SG99, SBSH99, SIS<sup>+02</sup>, SGW<sup>+15</sup>, SGC03, SRP<sup>+98</sup>, SMS03, SFPH<sup>+08</sup>, SMS20, SCGB18, SAB<sup>+07</sup>, SMB<sup>+18</sup>, SGD<sup>+03</sup>, TSW<sup>+12</sup>, TCM<sup>+04</sup>, TNIW02, VH99, VABCR<sup>+24</sup>, WFA<sup>+95</sup>, WWC<sup>+99</sup>, WYW<sup>+02</sup>, WWN<sup>+02</sup>, vRPD<sup>+18</sup>, ACH02, ATS<sup>+96</sup>, ABC<sup>+05</sup>, BPC05, BMK<sup>+13</sup>, BH19a, BMRTL93, BKD06, BDR<sup>+03</sup>, BT04, CTW<sup>+15</sup>, CFL<sup>+99</sup>, CBF<sup>+13</sup>, CBF<sup>+16</sup>, CDJM04, CMC<sup>+02</sup>, DSN<sup>+10</sup>, DBL<sup>+19</sup>, DCC<sup>+01</sup>, ESK<sup>+23</sup>, FPW02, GRD<sup>+08</sup>, GGRW99, GLM04, GGTMG<sup>+10</sup>, GGRW98, HBC<sup>+23</sup>, HPN<sup>+12</sup>, HRM<sup>+11</sup>, HPS<sup>+11</sup>, HON<sup>+13</sup>, HD02, INTS02, JBVW12, JBM<sup>+08</sup>, KW03, KT05, KCZ<sup>+19</sup>, KTL<sup>+00</sup>, KWW<sup>+12</sup>, KVS<sup>+09</sup>, LVP<sup>+17</sup>, LWL<sup>+24</sup>, LJBF00, LBM<sup>+17</sup>, LMC<sup>+12</sup>, LG15, MHS01, MHB05, MALT05, MCH22, MO96,

MSM<sup>+02</sup>, MTWH04, NLHB01, NBSF01, OGRdO18, OENB01, OLG<sup>+01</sup>, OAH<sup>+16</sup>, PDC<sup>+99</sup>, PDA<sup>+17</sup>, PLA<sup>+17</sup>, PMGH01, PAM<sup>+14</sup>, RJDR06].

**seasonal** [Roy05, SCL<sup>+04</sup>, SMS<sup>+07</sup>, SLA<sup>+01</sup>, SNB02, SMHB00, SDKH03, SJL05, SWLL23, SBH<sup>+02</sup>, SFB19, SFP<sup>+09</sup>, TSS<sup>+02</sup>, TRHA01, VCDAL14, VSV<sup>+97</sup>, VLP<sup>+17</sup>, Wal94a, WDM<sup>+05</sup>, WAV<sup>+12</sup>, WAT12, WGG98, ZWM12, ZHY<sup>+13</sup>, Ano96g, SVR<sup>+00</sup>, SJ00]. **Seasonal-** [vRPD<sup>+18</sup>]. **Seasonality** [BGCH20, BG09a, CS19, IOK03, MCK<sup>+19</sup>, MMT08, NFD<sup>+02</sup>, PS20, Row13, SHW<sup>+04</sup>, UIS<sup>+03</sup>, ZSIW21, AGGdC14, BE00, BOH<sup>+04</sup>, HXC<sup>+22</sup>, LLD<sup>+17</sup>, LPD<sup>+17</sup>, PVT<sup>+21</sup>]. **seasonally** [CDRA08, GKB<sup>+18</sup>, KSM<sup>+11</sup>, RHPC<sup>+19</sup>, TBSP<sup>+18</sup>]. **seasons** [BLC<sup>+02</sup>, CLSS15, DLL<sup>+15</sup>, KJL<sup>+17</sup>, NVK<sup>+04</sup>, Sam01]. **SEATS** [WKM<sup>+07b</sup>, WKM<sup>+07c</sup>, CSL<sup>+07</sup>, LCT<sup>+07a</sup>, TWC<sup>+07</sup>, WTWC07].

**seawater** [BFC<sup>+06</sup>, FHT<sup>+14</sup>, HOD<sup>+09</sup>, Ike03, KGdC<sup>+18</sup>, KGW96, NHS<sup>+09</sup>, PPS<sup>+16</sup>, SMY<sup>+98</sup>, SKD<sup>+16</sup>, SLS<sup>+10</sup>, VS10, WCL<sup>+15b</sup>]. **SeaWiFS** [STM04b, HGAB04, BEGC04, BY04, DNH<sup>+02</sup>, Fri01, Gre01, HSO04, KBE<sup>+04</sup>, KWW04, MDH08, MFH04, RD97, SMLP04, SRY04, Ste04, SBH<sup>+01</sup>, UY04, HZK04]. **SeaWiFS-derived** [SMLP04]. **SeaWinds** [SL11]. **Sebastes** [CM16a, CM16b, SCH<sup>+19b</sup>]. **second** [CTBNL08, HBV19, STF09, STM04b, WZZ<sup>+23</sup>, BHT22, HB19, HBVG20, HBVG22, RDL<sup>+09</sup>]. **second-moment** [WZZ<sup>+23</sup>]. **Secondary** [SR08b, BT15, MBP09, ZJA16]. **secrets** [LWB<sup>+07</sup>]. **Section** [Cra97, JM15, BH97, CAS<sup>+97</sup>, MHFM15, RSB<sup>+15</sup>, Whe97, BSS15]. **sections** [BHLS15, JLL<sup>+15</sup>, JSBC15, RPS<sup>+11</sup>, SWCB02, WSFB02, vOSG<sup>+11</sup>]. **Sector** [HMS<sup>+03</sup>, KCMT<sup>+20</sup>, MHA<sup>+15</sup>, RGTV97, SWGPK17, SLP<sup>+17</sup>, VMBS03, AA15, ACSI15, ADAM02, BC11, BSK<sup>+97</sup>, Bec97, BBM<sup>+08</sup>, BFT<sup>+97</sup>, BSG<sup>+02</sup>, BCH<sup>+11</sup>, BBB<sup>+07</sup>, BNFS01, BLI<sup>+09</sup>, CSEP<sup>+17</sup>, CTBNL08, CRDP02, CAFK03a, CAFK03b, CWWB04, CFT<sup>+04</sup>, CBS11, DB97a, DSN<sup>+20</sup>, DB97b, FAS<sup>+03b</sup>, FMO02, FS07, FCAD04, Fro04, FPB04, Gai97, GBL<sup>+08</sup>, HCL<sup>+22</sup>, HFM<sup>+00</sup>, HMA20, JFK<sup>+10</sup>, KSL<sup>+04</sup>, KNV<sup>+10</sup>, KLM<sup>+11</sup>, KMD<sup>+11</sup>, LBR<sup>+11</sup>, LPFS97, LQF<sup>+02</sup>, MAH<sup>+12</sup>, MT15, MTE<sup>+02</sup>, MV01, MKT<sup>+15</sup>, MBK97, MdBL<sup>+11</sup>, MS12, NGS<sup>+15</sup>, NGM<sup>+20</sup>, NBSF01, NAB<sup>+02</sup>, NMR10, Pak04, PF04a, PF04b, PDA<sup>+20</sup>, PPR<sup>+20b</sup>, QTPS97, QB02, RHB<sup>+04</sup>, RGHN<sup>+97</sup>, RMPI<sup>+17</sup>, SGA<sup>+15</sup>, SLC<sup>+20</sup>, SMP<sup>+15</sup>, SNB02, SBN<sup>+15</sup>, SBA<sup>+20</sup>, SBvdL<sup>+02</sup>, TB97, THJ<sup>+17</sup>, TGK<sup>+11</sup>, TLK<sup>+02</sup>, TPS<sup>+15</sup>, URDP01, VKM<sup>+10</sup>, WCJ<sup>+11</sup>, WW04a, WHNS04, WW04b, ZDW<sup>+20</sup>, dSEDW11, FBCN00].

**sectors** [BT03, RHPC<sup>+19</sup>, TCH<sup>+16</sup>, ZSKL19]. **security** [WGNH15]. **Sediment** [AKHR<sup>+20</sup>, BW93, CWFP94, DBS98, EGG<sup>+05</sup>, EWA<sup>+03a</sup>, EWA<sup>+03b</sup>, GHM02, HLG<sup>+21</sup>, IMP<sup>+02</sup>, MISC<sup>+02</sup>, MSB<sup>+03</sup>, OMY<sup>+03</sup>, OM16, RSRL00, RMNB08, SNPS01, SMB<sup>+98</sup>, SLZ<sup>+16</sup>, ABS<sup>+14</sup>, BS03, BCWT00, BAS00, BAD<sup>+97</sup>, BJSH14, BAD<sup>+14</sup>, CCK<sup>+16</sup>, CMA<sup>+09</sup>, CDH<sup>+00</sup>, CG18, DLR<sup>+01</sup>, DPK<sup>+14</sup>, DGK10, DCR94, DSE<sup>+14</sup>, ETDB11, FA03, FKW01, GSM<sup>+08</sup>, HB03, HSB<sup>+16</sup>, HDF<sup>+01</sup>, HSM<sup>+01a</sup>, HIN<sup>+02</sup>, HLL<sup>+09</sup>, JZ01, JWCC99, KGKS20, KNG02, KGHA<sup>+01</sup>, KFW01, KSS<sup>+00b</sup>, KKNH02, Kyt02b, LPW<sup>+09</sup>, LMS09, bLHsL<sup>+13</sup>, MMG<sup>+07</sup>, MS06a,

MPPR14, Mun07, NGM<sup>+05</sup>, OTNT05, OS04, PFW<sup>+09</sup>, PSK00a, PSP<sup>+09</sup>, RCL<sup>+09</sup>, RBA<sup>+01</sup>, RCW<sup>+15</sup>, RTFB09, RGHN<sup>+97</sup>, RFLW00, SLS<sup>+07</sup>, SHD<sup>+14</sup>, SFV<sup>+01</sup>, SHM<sup>+11</sup>, SKGD14, SAB<sup>+07</sup>, Thu98, TWL<sup>+15</sup>, TTA<sup>+16</sup>, WLP<sup>+09</sup>, WPW<sup>+14</sup>, Wit00, WWC<sup>+99</sup>, XA09, YA03, YPY<sup>+13</sup>, YKY<sup>+07</sup>, ZCP<sup>+08</sup>, ZDA<sup>+16</sup>, ZEGB97, dSJB<sup>+11</sup>, vGCM00, NW01]. **sediment-trap** [HIN<sup>+02</sup>]. **sediment-water** [HDF<sup>+01</sup>]. **Sedimentary** [BLW<sup>+09</sup>, Die07, LF07, MHdS<sup>+11</sup>, MR08, PGM<sup>+15</sup>, SWC09, SKdS<sup>+14</sup>, WC09, BMGC09, CD09, DRH<sup>+09</sup>, DBDT03, DJC<sup>+14</sup>, EWP<sup>+99</sup>, EWA<sup>+03a</sup>, EWA<sup>+03b</sup>, ERB<sup>+99</sup>, HdVGHM02, HDF<sup>+01</sup>, HMLS<sup>+06</sup>, HSD04, JWC09, LSA14, MCK<sup>+19</sup>, MFN<sup>+02</sup>, MMSS14, OHT12, RTB02, RTI<sup>+16</sup>, RPF<sup>+16</sup>, SK07]. **Sedimentation** [EFW<sup>+14</sup>, KHL<sup>+16</sup>, RHI00, SEN<sup>+95</sup>, ASS02, ASBM02, BS01, BGH<sup>+19</sup>, BCA<sup>+03</sup>, CB00a, CLPL<sup>+09</sup>, CJF<sup>+12</sup>, HWM02, HWS<sup>+07</sup>, HPK<sup>+97</sup>, LPA<sup>+95</sup>, MLG<sup>+04</sup>, PPZ93, Pfa93, PZP93, PDBH03, SR08a, SP00, SBH<sup>+02</sup>, YCT<sup>+22</sup>, ZJA16]. **sedimenting** [Hat02a, WCWW99]. **sedimentological** [ASB<sup>+02</sup>, GBO01, GMC97, KWA<sup>+20</sup>]. **Sedimentology** [CWJ99, GHM<sup>+12</sup>, NKE11, SDGH14]. **sediments** [ACQ<sup>+08</sup>, ASV18, ATN<sup>+12</sup>, AKHR<sup>+20</sup>, BN05, BN97, BMD<sup>+17</sup>, BCN<sup>+16</sup>, BGOL01, BSE<sup>+16</sup>, BGB08, BFT<sup>+97</sup>, Bla94, BFL00, BL00, BRP<sup>+13</sup>, BSS<sup>+00</sup>, BSSE16, CVA<sup>+13</sup>, CLT94, CHW<sup>+12</sup>, CZP<sup>+08</sup>, CFL<sup>+99</sup>, CAC<sup>+97</sup>, CML<sup>+09</sup>, DCL<sup>+09</sup>, DSD12, DPLB94, DTB<sup>+02</sup>, DRBM97, DZL<sup>+17</sup>, DOLP<sup>+09</sup>, Dia04, EPK<sup>+10</sup>, ESDM13, FGU04, FL02, FHT<sup>+14</sup>, GRD<sup>+08</sup>, GD07, GRSW00, GSB<sup>+03</sup>, GAC<sup>+02</sup>, GBO01, HKR<sup>+01</sup>, HTD00, HMB<sup>+96</sup>, Har94, HTPM14, HT17, HZS00, HKY<sup>+13</sup>, HWS<sup>+13</sup>, HZWW16, HPK<sup>+97</sup>, Ike03, JJVH18, JLK03, KLL03, Kel10, KCD<sup>+17</sup>, KBV<sup>+97</sup>, Kos01, LRGH<sup>+05</sup>, LMM<sup>+17</sup>, LPFS97, LMKL09, LZM<sup>+13</sup>, LYL22, LKTS01, LSOM16, MvSHD01, MS06a, MISC<sup>+02</sup>, MBB<sup>+02</sup>, MMWM00, MLR07, Mil94b, MHK<sup>+03</sup>, MB08, MSG<sup>+00</sup>, MMM<sup>+00</sup>, NEO<sup>+07</sup>, NMN<sup>+17</sup>, NAT<sup>+12</sup>, NVBJ08, OPV11, ODP<sup>+17</sup>, OJK<sup>+10</sup>, PLdL97, PTD<sup>+17</sup>, PUP<sup>+07</sup>, PBG<sup>+10</sup>, PBVC<sup>+16</sup>, PLGCL09, PDSS96, PCB<sup>+17</sup>, PGZ<sup>+09</sup>, RGTV97]. **sediments** [RTB02, RHD<sup>+11</sup>, RH07, RFLW00, RBCG10, RPZ<sup>+14</sup>, SAG<sup>+10</sup>, SA15a, SA18, SBS<sup>+00</sup>, SHS<sup>+12</sup>, SHWW22, SRAL<sup>+17</sup>, SSM<sup>+00</sup>, SW00, SEN<sup>+95</sup>, SHM<sup>+07</sup>, SM01, STWW01, SJSI00, TBC<sup>+17</sup>, TB97, Tho97, TD16, TTCD14, TIS<sup>+13</sup>, ULTL16, VVTM97, VQ97a, VQ97b, VKM13, WSS<sup>+08</sup>, WHL<sup>+97</sup>, WKM<sup>+07a</sup>, WOM<sup>+16</sup>, WAC<sup>+09</sup>, YLR18, YBHM05, ZBC<sup>+13</sup>, ZWC<sup>+15</sup>, ZJA16, ZWL<sup>+22</sup>, Zon97]. **Sedlo** [MRMP09, BMP<sup>+09</sup>, KVB<sup>+09</sup>, MPE<sup>+09</sup>, MWB<sup>+09</sup>, SCCG09, VAK<sup>+09</sup>]. **SEEDS** [HOD<sup>+09</sup>, KNN<sup>+06</sup>, NHS<sup>+09</sup>, NTK<sup>+09</sup>, STN<sup>+09</sup>, UWTS09, WTCB09, YOI<sup>+09</sup>, ANI09, HTS<sup>+09</sup>, HKN<sup>+09</sup>, KSH<sup>+09</sup>, KWN<sup>+09</sup>, KNC<sup>+09</sup>, LLK<sup>+09</sup>, NOT<sup>+09</sup>, STF09, SSI<sup>+09</sup>, TSMS09, TNS<sup>+09</sup>]. **SEEDS-II** [HOD<sup>+09</sup>, NHS<sup>+09</sup>, STN<sup>+09</sup>, YOI<sup>+09</sup>, KSH<sup>+09</sup>, SSI<sup>+09</sup>, KWN<sup>+09</sup>, LLK<sup>+09</sup>]. **seep** [BBS<sup>+20</sup>, BLM<sup>+10</sup>, BHSJ16, CNM17, DGK10, FR10, FRC<sup>+10</sup>, FC15, HFL<sup>+15</sup>, JBS<sup>+10</sup>, KB15, LSL<sup>+15</sup>, MSD<sup>+18</sup>, MAR<sup>+17</sup>, OCG<sup>+09</sup>, ODP<sup>+17</sup>, OJK<sup>+10</sup>, PRSS23, RFJ10, RKM<sup>+22</sup>, SDB<sup>+18</sup>, SO98, WMB<sup>+13</sup>, BA94, Bis94, BFF94, Kem94, MC18a]. **SEEP-II** [BA94, Bis94, BFF94, Kem94]. **seepage**

[ACBV<sup>+18</sup>, CDM<sup>+16</sup>, FC15, GPMS<sup>+16</sup>, LMG17]. **seepages** [AM22a]. **Seeps** [MKD23, AM22b, Ala22, BBAL<sup>+20</sup>, BNP<sup>+09</sup>, BPR<sup>+10</sup>, Car10, CPW<sup>+18</sup>, CBHF10, DGK<sup>+22</sup>, FYS<sup>+17</sup>, Kel10, KCD<sup>+17</sup>, LSM<sup>+06a</sup>, LPPC<sup>+10</sup>, LZM<sup>+13</sup>, MSH10, MS18, NEO<sup>+07</sup>, NMN<sup>+17</sup>, NCK<sup>+22</sup>, RDV<sup>+09</sup>, ROBV<sup>+18</sup>, SSK<sup>+23</sup>, WB09, vCO09]. **segmented** [QNL<sup>+16</sup>]. **Segonzacia** [MCB<sup>+15</sup>]. **segregation** [GGPM05, PFP02]. **sei** [MHM<sup>+14</sup>, SGB<sup>+08</sup>]. **Seine** [VAK<sup>+09</sup>, JMP<sup>+19</sup>, BMP<sup>+09</sup>, CMH09, KVB<sup>+09</sup>, MRMP09]. **Seismic** [DBDT03]. **seismically** [RÇG18]. **Seismo** [DBD03, IAC<sup>+03</sup>]. **Seismo-stratigraphic** [DBD03]. **seismo-volcanic** [IAC<sup>+03</sup>]. **seismometer** [DBL<sup>+19</sup>]. **Selected** [HBB<sup>+13</sup>, DM16b, SE07, WYOS18]. **selection** [ABB<sup>+01</sup>, BHBC08, MPF<sup>+17</sup>]. **selectivity** [DTWW17, DTWW21, FBBW<sup>+10</sup>, WGST08]. **selects** [RHL<sup>+16</sup>]. **selenium** [CC01]. **semi** [DM16a, GKH<sup>+07</sup>, SAG<sup>+10</sup>, ZGW<sup>+23</sup>]. **semi-closed** [GKH<sup>+07</sup>]. **semi-enclosed** [DM16a, SAG<sup>+10</sup>, ZGW<sup>+23</sup>]. **semiannual** [AVA23]. **semidiurnal** [JR15]. **Sense** [BTD11, BGDT11, MMC11a, WGWW11, dSEDW11]. **sensed** [BHMK08, BMM<sup>+99</sup>, MMC11a, PTA<sup>+99</sup>, PW12, SRW<sup>+10</sup>, SMBM99, TSPH09, UY04]. **sensible** [RFHL99, WZW<sup>+22</sup>]. **sensing** [ACG19, BOH<sup>+04</sup>, Car01, GPMZ<sup>+10</sup>, IS07, MGR03b, MMT08, NR06, PBFS06, PWTH15, PW15, PDB<sup>+16</sup>, RN06, SM96a, THV<sup>+99</sup>, VSV<sup>+97</sup>, WPAP01, ZKSS06]. **sensitive** [HFL<sup>+15</sup>]. **sensitivities** [DSC<sup>+19</sup>]. **Sensitivity** [HH05, BTD11, DBC<sup>+02</sup>, HWP<sup>+11</sup>, HSHM02, KCZ<sup>+19</sup>, SP19a, WTSP07]. **Sensor** [LCW<sup>+07</sup>, STM04b, BEB<sup>+13</sup>, HGAB04, ZKSS06, STM04a]. **sensors** [ARLB00, KMD<sup>+99</sup>, KMDW01, MDH<sup>+98</sup>, MCM<sup>+14</sup>]. **sensory** [SLD<sup>+13</sup>]. **sensu** [HNS<sup>+11</sup>]. **Senticaudata** [KGS23]. **sentinels** [MK19]. **separated** [SCM<sup>+09</sup>]. **separating** [BPS00]. **separation** [HDD<sup>+11</sup>, SRS11, STS11]. **September** [GGH98, KAM<sup>+20</sup>, Ano21m, Ano22w, Duc93, KRF01, OM14, RIBW99, SMB02]. **sequencing** [LEP14, PFdSG11]. **Sequential** [KFW01, RDBP14, SVS93]. **sequestration** [AHHCR23, BBL<sup>+13</sup>]. **SERIES** [KNN<sup>+06</sup>, Ano96g, BMK96, CRR01, SMA01, ANL13, AFM93, AKK<sup>+14</sup>, BCH<sup>+96</sup>, BGS98, BBL<sup>+13</sup>, BLO<sup>+17</sup>, CFJL96, CSL<sup>+07</sup>, CLMK13, CMA<sup>+09</sup>, DGN96, DOC01, DBH<sup>+20</sup>, FNYK02, GBP00, GUSB03, GG02, GOP<sup>+01</sup>, HBCC13, ITT12, INTS02, JMM<sup>+13</sup>, KLK<sup>+15</sup>, KM96, KL96a, KVPK20, LSST20, LBM10, LK98, LWL<sup>+24</sup>, LHS96, LPW<sup>+09</sup>, Lip01, MHS01, Mar02, MCPA02, MC02, MFH04, MK96, MSNL09, MLS<sup>+15</sup>, OLG<sup>+01</sup>, RCW<sup>+15</sup>, RT14, RAL<sup>+01</sup>, SKM01, SBG<sup>+98</sup>, SD98, SBG<sup>+03</sup>, SHM<sup>+20</sup>, SHR20, SCB<sup>+01</sup>, SMB03, TTA<sup>+16</sup>, WLP<sup>+09</sup>, WWC<sup>+99</sup>, WWW<sup>+02</sup>, WKM<sup>+07b</sup>, WKM<sup>+07c</sup>, WLT20, XA09, YA03, Har06, MW06, SD06a, SDMS06, TYBY06, TWN<sup>+06</sup>, TSN<sup>+06</sup>, WTL<sup>+06</sup>, WJS<sup>+06</sup>, BL96, IF95, LSM96, Mit96, RD97]. **Serious** [FSP<sup>+16</sup>, GGM<sup>+16</sup>]. **Sermons** [VAK<sup>+09</sup>]. **SERPENT** [GBB<sup>+17</sup>]. **serpentinization** [LLL<sup>+15</sup>]. **serum** [DRR<sup>+14</sup>]. **services** [KUT<sup>+20</sup>, LLC17, SABP<sup>+16</sup>]. **sessile** [GAP<sup>+06</sup>, KPML20]. **seston** [NCE<sup>+23</sup>]. **set** [MGT16]. **Seto** [DFY<sup>+23</sup>]. **setosa** [MA05]. **sets** [Reb03, VTA<sup>+11</sup>]. **Setting** [BGDT11, FKS18, Mas02, OGJ<sup>+19</sup>]. **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** [LAÁ<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, 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, MBL<sup>+</sup>15, PBO<sup>+</sup>11, PDBH03,  
 AISR<sup>+</sup>16, AAG02, ATLD<sup>+</sup>20, ARW<sup>+</sup>04, AMTE09, BBB94, BGIJ<sup>+</sup>06,  
 BDWG02, BH03, BLO04, 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, HRK14]. **shelf**  
 [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>+15</sup>, WPFB11, WPB11, XSM<sup>+19</sup>, YMMC11, YH10]. **shelf**  
 [YLH<sup>+10</sup>, ZWM12, ZTZB09, ZZM<sup>+13</sup>, ZTZ09, ZG15, BRD<sup>+18</sup>, BA02,  
 CTBNL08, CLPL<sup>+09</sup>, DTWF17, DSO<sup>+00</sup>, GW15, KGB<sup>+14</sup>, KHB<sup>+04</sup>,  
 LWL<sup>+24</sup>, LWZ<sup>+23</sup>, MLW<sup>+16</sup>, NWZL23, PWITH15, RA98, SWLL23,  
 WWcW<sup>+15</sup>, SLB<sup>+16</sup>]. **Shelf-Basin** [Ano05b]. **shelf-depth** [NDE14].  
**Shelf-Nutrient** [FLMF07]. **shelf-offshore** [PFC19]. **S}helf-Sea**  
 [WPL<sup>+15</sup>, Won15, WKLM15, MXC15, PW15, GW15, PWITH15].  
**Shelf-slope** [HFP94, Wir94]. **shelf-sourced** [OBC<sup>+14</sup>]. **Shelf-vs** [Che02].  
**shelf/shelf** [AAG02]. **shelf/slope** [GAC<sup>+02</sup>]. **shelfbreak**  
 [SPB<sup>+14</sup>, WGB01]. **Shelikof** [Blo02]. **Shell** [NCK<sup>+22</sup>, BJB16, CC13].  
**Shell-bearing** [NCK<sup>+22</sup>, CC13]. **shelled** [KWPB15, SWZA02]. **shellfish**  
 [dSVC<sup>+14</sup>, ACK<sup>+14</sup>, BMH05, BCL14, DCD<sup>+14</sup>, DVC14, DRR<sup>+14</sup>, HTW14,  
 KAM<sup>+14</sup>, MLH14, MAST05]. **shelves** [BLD<sup>+06</sup>, CB09a, DAA<sup>+20</sup>, DKS11,  
 HMGD17, HS07, MKH<sup>+05</sup>, NMS09, PPM02, SHWW22, SLZ<sup>+16</sup>, SFK<sup>+12</sup>].  
**Shetland** [Can06, HMS<sup>+13</sup>, HKN<sup>+04</sup>, HvH04, LHKHH10, LT03].  
**Shetland-Elephant** [LHKHH10]. **shift**  
 [BW04, FSO7, HPS<sup>+11</sup>, KBL01, MBLM03, NI10]. **Shifting** [MT15]. **Shifts**  
 [BKP<sup>+20</sup>, BFD<sup>+23</sup>, CLPL<sup>+09</sup>, EEAC<sup>+20</sup>, EAB<sup>+20</sup>, FJR<sup>+20</sup>, GBJ<sup>+15</sup>,  
 JRK<sup>+17</sup>, KCL20, LDG<sup>+23</sup>, MCL<sup>+19</sup>, ML20, RGH<sup>+24</sup>, SL12, TSP<sup>+18</sup>].  
**Shinkai** [KFS<sup>+17</sup>]. **ship**  
 [NBBBT13, OCKA<sup>+11</sup>, SiSA<sup>+02</sup>, WHNS04, BRG<sup>+19</sup>]. **ship-derived**  
 [NBBBT13]. **shipboard**  
 [AAB<sup>+97</sup>, COJ<sup>+09</sup>, FK98, GdRGLS04, HHKH<sup>+04</sup>, KFH01]. **Shoal**  
 [ACG<sup>+17</sup>, MD17, DNR20, DGT17b, LGHD20, LMM<sup>+17</sup>, MGT<sup>+20</sup>, WFW<sup>+17</sup>].  
**Shoaling** [RAR04]. **Shoals** [AGD96]. **Shock** [AS02b, RJP18]. **shore**  
 [BBAL<sup>+20</sup>, CFGR07, CMP14, CB09a, CMC11, HZN<sup>+16</sup>, KTP<sup>+05b</sup>]. **Short**  
 [CBB<sup>+00</sup>, DHW98, HWK<sup>+14</sup>, LWZ<sup>+23</sup>, MDT<sup>+08</sup>, PZP93, PRB<sup>+11</sup>, SZH<sup>+04</sup>,  
 SGP<sup>+11</sup>, Eif05, HBJ02, JW05a, JW05b, KM05a, LDW22, PWB<sup>+06</sup>, PB08,  
 SD96, SSB<sup>+06</sup>, WAC<sup>+09</sup>, dLC<sup>+14</sup>]. **Short-lived** [CBB<sup>+00</sup>, KM05a].  
**short-tailed** [HBJ02, PWB<sup>+06</sup>, SSB<sup>+06</sup>]. **Short-term**  
 [DHW98, HWK<sup>+14</sup>, LWZ<sup>+23</sup>, MDT<sup>+08</sup>, PZP93, PRB<sup>+11</sup>, SZH<sup>+04</sup>, SGP<sup>+11</sup>,  
 LDW22, WAC<sup>+09</sup>, dLC<sup>+14</sup>]. **short-time** [Eif05, JW05a, JW05b]. **shortage**  
 [WTI<sup>+20</sup>]. **shorthorn** [GNB<sup>+17</sup>]. **show** [KBB07]. **shows** [OvdRvA<sup>+22</sup>].  
**shrimp** [AI09, KSDE16, LV17, NA09, SBM<sup>+13</sup>]. **shrimp-like** [LV17].  
**shrimps** [LDBS<sup>+17</sup>]. **Si**  
 [ATD<sup>+11</sup>, BDNS03, CSS<sup>+02</sup>, DVPR06, FBCN00, GS06b, MNPT06, MGG<sup>+09</sup>,  
 MQACB08, NBSF01, RDP<sup>+02</sup>, RdGM<sup>+09</sup>, STN<sup>+09</sup>, SNB02, TWN<sup>+06</sup>]. **Si\***  
 [PDA<sup>+20</sup>]. **Si/C** [RDP<sup>+02</sup>]. **Si/N** [MQACB08]. **Siberian**  
 [GMC<sup>+12</sup>, MEB<sup>+23</sup>]. **Siboglinidae** [ALSF<sup>+17</sup>, MHC<sup>+10</sup>]. **Sicily**  
 [BMG<sup>+04</sup>, LSA14, MSSD93]. **sidescan** [CES98]. **Sigalionidae** [Ala18].  
**sightings** [WSP19]. **SIGMA** [AHML95]. **signal**  
 [NAT<sup>+12</sup>, PPYN15, SLCLC<sup>+24</sup>]. **signature**  
 [BGS09, GIPLL<sup>+14</sup>, HKFL03, PNVJ13, PGK15, ROL<sup>+15</sup>]. **Signatures**  
 [TNT<sup>+15</sup>, ABKL96, AHHCR23, BMGF93, BHSJ16, FHY103, GHM18,



GLCU<sup>+17</sup>, HWS<sup>+98b</sup>, JBS<sup>+10</sup>, KYKJ16, KGB06, MMS<sup>+19</sup>, MSW<sup>+13</sup>, SCM<sup>+08</sup>, Sot09, VCO<sup>+15</sup>, WvdE00, WvdEP<sup>+10</sup>]. **Significance** [SLB13a, TLK<sup>+02</sup>, AKI<sup>+16</sup>, BIP<sup>+02</sup>, BTFB12, HPWP07, LCT<sup>+07b</sup>, MCLP04, OLG<sup>+01</sup>, RH07, TLKT00, ZB00]. **significant** [WP17]. **Silica** [AHV<sup>+17</sup>, BL98, ATD<sup>+11</sup>, BBA<sup>+01</sup>, DURP03, DeM02, DBN<sup>+11</sup>, 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, 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, RDFS WV99]. **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, 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>, 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>, SML19]. **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, 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, TLY11, 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>+16</sup>]. **SM** [LZS<sup>+18</sup>]. **SM-A87** [LZS<sup>+18</sup>]. **Small** [FVW08, Gre04, HEW15, JSP<sup>+17</sup>, SVB<sup>+19</sup>, SGB<sup>+08</sup>, WSF<sup>+24</sup>, vHSM04b, AML<sup>+19</sup>, ADRS19, BvGH<sup>+17</sup>, CGR<sup>+96</sup>, CMC11, CWE<sup>+17</sup>, DLWW23, DLB02, GMD07, HK08, HPM02, IARR01, JRGLJ<sup>+19</sup>, KOM17, LTF<sup>+19</sup>, LM96, MCL<sup>+19</sup>, MT98, PRC<sup>+09</sup>, PSK00a, SSW05, SHW<sup>+16</sup>, THT11, YCA<sup>+20</sup>, vFvdBB<sup>+02</sup>]. **small-celled** [HK08]. **Small-scale** [FVW08, Gre04, HEW15, SGB<sup>+08</sup>, AML<sup>+19</sup>, HPM02, IARR01, LM96, SHW<sup>+16</sup>, vFvdBB<sup>+02</sup>]. **small-sized** [PSK00a]. **smelt** [LZL<sup>+22</sup>]. **Smith** [SL06]. **smithii** [CB00a, VAM97]. **SML** [VSR<sup>+10</sup>]. **smooth** [ZRG16, ZDO19]. **snapshot** [BBB<sup>+11a</sup>, KVPK20]. **Snow** [Ald95, DBMI17, FJR<sup>+20</sup>, GKBG17, HNW<sup>+08</sup>, JVL<sup>+16</sup>, LT16, LTW<sup>+11</sup>, Pas16, SBG<sup>+03</sup>, SHW<sup>+16</sup>, TMT<sup>+11</sup>, TML<sup>+16</sup>, WSL<sup>+11</sup>, ZAC<sup>+15</sup>]. **SNPs** [BLBW<sup>+11</sup>, XSL<sup>+17</sup>]. **SNVs** [XSL<sup>+17</sup>]. **soaked** [PUP<sup>+07</sup>]. **SOAR** [MSV18]. **social** [SBL<sup>+18</sup>, VF08]. **socialis** [BLB<sup>+02</sup>]. **society** [Ham07]. **socio** [RDSA<sup>+21</sup>]. **socio-ecological** [RDSA<sup>+21</sup>]. **socketeye** [RNB07, SAB08]. **Socotra** [WST15]. **soft** [AWL<sup>+09</sup>, DCH04, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, RVD<sup>+10</sup>]. **soft-bottom** [ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, RVD<sup>+10</sup>]. **SOIREE** [BL01a, GBH<sup>+01</sup>, GSMB01, BA01, HBSL01, NW01, TA01, Zel01]. **SoJaBio** [BPBJ13, Che13, MB13, SS13a]. **SokhoBio** [Ala18, BAF<sup>+18</sup>, CP18a, GMB18, MCB18, Mar18]. **solar** [BCG04, PPRHLF02]. **SOLAS** [HLS<sup>+11</sup>]. **sole** [PDC<sup>+21</sup>]. **solenogaster** [OBH<sup>+18</sup>]. **solibores** [HvH04]. **solidissima** [BCL14]. **Soliman** [SR08b]. **solitary** [BCNS15, MDJS11]. **solitons** [WTJ<sup>+19</sup>]. **solubility** [SZG<sup>+13</sup>, VQ97a]. **soluble** [FCW<sup>+15</sup>]. **solute** [GAC<sup>+02</sup>]. **solution** [Mar19]. **solutions** [CJ19, WLD<sup>+07</sup>]. **Solving** [HZL94]. **Somali** [BC03, DH97, DQSF02, DDB<sup>+97</sup>, EO02, KRAS24, ZSIW21, ZB00]. **Somalia** [BBV00, CB00b, KBV<sup>+97</sup>, vC97]. **Some** [Bas19, FM13, JWO<sup>+09</sup>, Joh19, EWG94, FKW01, HS96, MBTM97, PRSS23, SFK<sup>+12</sup>, SKM<sup>+12</sup>]. **Somniosus** [CFK15]. **Sonar** [KR11, CES98, NDE14]. **Sonar-based** [KR11]. **Sonne** [LSU04, BM15]. **Sonnenemertes** [CAK15]. **sorption** [DSD12]. **sorting** [EBDL08]. **Soudelor** [HZYZ10]. **Sound** [BBW<sup>+15</sup>, Cam18, DZ08, GKR<sup>+18</sup>, LC16, LB18, MC18b, MCCM<sup>+98</sup>, MOA<sup>+18</sup>, BE18, BSRB17, GBP21, LKD<sup>+15</sup>, SBA18, CBA<sup>+05</sup>, LMH<sup>+18</sup>, SNMH18]. **sound-scattering** [LKD<sup>+15</sup>]. **sounder** [LMLC<sup>+17</sup>]. **Source** [BK96b, SCC<sup>+11</sup>, BPD<sup>+15</sup>, CVA<sup>+13</sup>, DHS<sup>+09</sup>, DWW<sup>+02</sup>, FGH<sup>+13b</sup>, Har94, HWP<sup>+07</sup>, KCA05, Kha18, MDH16, NMS09, PPR<sup>+20a</sup>, Rai11, SUK<sup>+06</sup>, WPB11]. **sourced** [OBC<sup>+14</sup>]. **Sources** [BBB13, CC01, MTMK<sup>+13</sup>, Pri06, RLD<sup>+15</sup>, AHV<sup>+00</sup>, BDWG02, BPF<sup>+03</sup>, BLS<sup>+97</sup>, BTS<sup>+08</sup>, CGM<sup>+07</sup>, CB09a, DTB<sup>+02</sup>, DSYH09, FC15, HF01, LPFS97, LRH<sup>+11</sup>, MKKF18, OSM<sup>+20</sup>, RAC<sup>+20</sup>, TD16, VBF<sup>+02</sup>,

WWH97, WYW<sup>+02</sup>, YÇYTKB06, ZX12, ZWL<sup>+22</sup>]. **South**  
 [AJP<sup>+22</sup>, BEC<sup>+96</sup>, BG94, CFV<sup>+18</sup>, CSG<sup>+15</sup>, ESL<sup>+10</sup>, GDE<sup>+96</sup>, GW15,  
 HPY<sup>+15</sup>, HWC07, LCT<sup>+07a</sup>, LSL<sup>+15</sup>, MB96, MMC11b, OG11, PWITH15,  
 PHD<sup>+18</sup>, PBN10, PMM<sup>+94</sup>, RSCFT<sup>+16</sup>, SGW<sup>+15</sup>, SMPSD04, VALM17,  
 WWcW<sup>+15</sup>, XGL15, ZHY<sup>+13</sup>, ZSLL15, WPL<sup>+15</sup>, Won15, WKLM15, ADE22,  
 ATLD<sup>+20</sup>, ACR<sup>+20</sup>, Ano09a, BCKH07, BGD11, Can06, CMP14, CEG<sup>+11</sup>,  
 DPS<sup>+11</sup>, DSJ<sup>+11</sup>, ETDB11, FVSRR14, FBCN00, GQ09, GFW07, HBR11,  
 HZK04, IIM02, JLTD11, JDD<sup>+11</sup>, JDBP<sup>+05</sup>, KCTG16, KIM08, KVPK20,  
 KWH<sup>+05</sup>, MAR<sup>+15</sup>, MFS<sup>+23</sup>, NMWH19, OB22a, OB22b, PRMM<sup>+17</sup>,  
 RLH<sup>+03</sup>, RNR20, SYZ<sup>+24</sup>, TPW07, TRHA01, TWPP07, VLK06, VFS02,  
 VKG93, WGWW11, WNA<sup>+10</sup>, WRS99, ZRC<sup>+11</sup>, ZGGF22, APL<sup>+23</sup>,  
 ACV<sup>+01</sup>, ACG<sup>+01</sup>, AJR<sup>+15</sup>, BJK<sup>+22</sup>, BCG<sup>+22</sup>, Ber24, BW99a, BN04,  
 BSZ99, BY04, BHJ<sup>+14</sup>, CSL<sup>+22</sup>, CdST<sup>+17</sup>, CG21, ILCCC07, CHL<sup>+15</sup>,  
 CLSS15, CSL<sup>+07</sup>, CCC<sup>+03</sup>, CWEHT22, CWS<sup>+23</sup>]. **South**  
 [CHH<sup>+22</sup>, CHR97, DW15a, DDN<sup>+04</sup>, DHS<sup>+14</sup>, DNR20, DRR17, DLL<sup>+15</sup>,  
 FC15, FSGV<sup>+09</sup>, GWL<sup>+15</sup>, GM11, GSB<sup>+23</sup>, HSR<sup>+23</sup>, HRSJ23, HLG<sup>+21</sup>,  
 HNM<sup>+20</sup>, HMS<sup>+13</sup>, HKN<sup>+04</sup>, HKAM12, HSR<sup>+22</sup>, HSD04, HFL<sup>+15</sup>, HZ19,  
 HHX<sup>+10</sup>, JSWB21, JKB04, JRG<sup>+22</sup>, JFK<sup>+10</sup>, JBVW12, KFS<sup>+17</sup>, KMG<sup>+20</sup>,  
 KWW04, LRFK99, LOA13, LSNH15, LDBS<sup>+17</sup>, LSU04, LLH<sup>+15</sup>, LW15,  
 LWW<sup>+15</sup>, LCW<sup>+07</sup>, LH07, LTW<sup>+22</sup>, LKH<sup>+07</sup>, LCT<sup>+07b</sup>, LBY<sup>+10</sup>,  
 LPAR24, LHKHH10, LCE<sup>+23</sup>, LT03, LFKF<sup>+17</sup>, MS99, MV19, MMH<sup>+08</sup>,  
 MNR<sup>+11</sup>, MGR03b, MF09, NTF01, NMR10, NRH<sup>+20</sup>, NRBO<sup>+05</sup>, PHM06,  
 PW15, PD01, RCW<sup>+15</sup>, RPB02, RHB<sup>+04</sup>, RSCFT<sup>+13</sup>, RTM<sup>+20</sup>, RAB<sup>+17</sup>,  
 Rog17, SKC99, SHD<sup>+14</sup>, SHB02, SRW<sup>+10</sup>, SLHS20, SHC<sup>+22</sup>, SBC17,  
 SDGH14, SLC<sup>+15</sup>, SLB<sup>+15</sup>, Sum19, TGLN93, TTLP06, TM22, TWL<sup>+15</sup>,  
 UP09, VVW04a, VTD<sup>+20</sup>, VM01, WKM<sup>+07a</sup>, WT14, WLD15, WZC<sup>+19</sup>,  
 WRZ<sup>+19</sup>, WZZ<sup>+19</sup>, WT12, WC07a, WAN<sup>+15</sup>, WKM<sup>+07c</sup>]. **South**  
 [WYIT13, WC07b, WDC<sup>+15</sup>, WCL<sup>+15b</sup>, YXC<sup>+19</sup>, YZZ<sup>+19</sup>, YKY<sup>+07</sup>,  
 You99, YMMC11, ZV13, ZWC<sup>+15</sup>, ZLZ<sup>+15</sup>, ZZY<sup>+19</sup>, ZLW<sup>+19</sup>, ZWQ<sup>+19</sup>,  
 ZSZ<sup>+19</sup>, ZWJ<sup>+19</sup>, ZS19]. **south-central** [BCKH07]. **South-east**  
 [PBN10, ADE22, OB22a, OB22b, SHD<sup>+14</sup>]. **south-eastern** [TPW07].  
**South-equatorial** [SKC99]. **south-west** [MAR<sup>+15</sup>, MFS<sup>+23</sup>, WNA<sup>+10</sup>,  
 WRS99, ZRC<sup>+11</sup>, ZGGF22, AJR<sup>+15</sup>, JFK<sup>+10</sup>, LDBS<sup>+17</sup>]. **south-western**  
 [ATLD<sup>+20</sup>, ACR<sup>+20</sup>, NMWH19]. **southcentral** [BMB<sup>+18</sup>]. **Southeast**  
 [SH02, ULH<sup>+21</sup>, BES11, BSG<sup>+11</sup>, Ber24, Blo02, BA02, Bor01, BTUV08,  
 CP02, DMW<sup>+07</sup>, GEP<sup>+16</sup>, GS06a, LWO<sup>+09</sup>, MFPL19, NBB<sup>+02</sup>, NDD<sup>+14</sup>,  
 OS02, PPB<sup>+22</sup>, RPMS95, SKR<sup>+12</sup>, SWCB02, TBH09, WSFB02, WKM<sup>+07b</sup>,  
 WKM<sup>+07c</sup>, BT98, BNP<sup>+09</sup>, KMOM19, MC18a, MSRM08, RCL<sup>+09</sup>, SBK<sup>+16</sup>,  
 VBM<sup>+19</sup>, Wei15, WNHF<sup>+15</sup>]. **southeastern** [AZK<sup>+20</sup>, AKHR<sup>+20</sup>, BRB<sup>+13</sup>,  
 CKH<sup>+05</sup>, CKB<sup>+07</sup>, CML<sup>+14</sup>, ESDM13, FB05, GGC19, HSHM02, HSW<sup>+02</sup>,  
 HBJ02, HSSN08, HRK14, KHS<sup>+02</sup>, KIM08, MHO02, Mac08, MDH16,  
 OMS06, OYM<sup>+13</sup>, PC08, RS02, SMZ<sup>+08</sup>, SBB<sup>+11</sup>, SHM13, SNS<sup>+16</sup>, SS02,  
 SDAH<sup>+12</sup>, SHR02, SKSW02, SBS07, SKM<sup>+12</sup>, SGM<sup>+14</sup>, SHPM14, SF08,  
 SPP22, TKF07, OGG<sup>+20</sup>, RD02, SDL22, SSSA13, JJVH18]. **southerly**

[BSH<sup>+11</sup>, RPMS95]. **Southern** [AS01b, BTFB12, BTR95, BSL08a, BTUV08, CBB<sup>+00</sup>, ETD<sup>+11</sup>, FWP<sup>+07</sup>, FvFC<sup>+11</sup>, GAL<sup>+20</sup>, GFPM02, HC15, HBC<sup>+23</sup>, HPM02, JSWB21, JBVW12, LBR<sup>+11</sup>, LRL<sup>+22</sup>, LCE<sup>+23</sup>, MB07a, MSF<sup>+22</sup>, MMH<sup>+08</sup>, MNR<sup>+11</sup>, MDS<sup>+16</sup>, PDH<sup>+11</sup>, PHE<sup>+18</sup>, PSF<sup>+07</sup>, SBQ<sup>+02</sup>, SAM<sup>+00</sup>, SA03, TM22, TVLB08, VPP07, WAL<sup>+11</sup>, YMMC11, ZLJ08, vBBR<sup>+08</sup>, AGGdC14, AKZL16, AKM<sup>+05</sup>, BMS<sup>+18</sup>, BTR20, BvWR<sup>+20</sup>, BBR<sup>+96</sup>, BA94, BG09b, BT03, CRD01, CTW<sup>+15</sup>, CHPS00, CDG00, CCC<sup>+03</sup>, CTW<sup>+20</sup>, CD20, CPW<sup>+18</sup>, DLLK15, DMC<sup>+01</sup>, EWP<sup>+99</sup>, ESWL20, EMEP18, EPHE18, FLM10, FPW02, FGH<sup>+13a</sup>, FS14, GBC<sup>+13</sup>, GHM18, GGAMV<sup>+23</sup>, GPCT23, GBC<sup>+05</sup>, GMC<sup>+12</sup>, GZZC10, HA10, HHMF11, dITGCAB<sup>+03</sup>, HSH<sup>+13</sup>, HFP94, HV03, IBD10, IAA96, iTT<sup>+15</sup>, JCM<sup>+13</sup>, KLL03, KFA<sup>+20</sup>, LCR<sup>+96</sup>, LM01, LBB<sup>+06</sup>, LAT<sup>+18</sup>, MPMD<sup>+06</sup>, MC06, MCM<sup>+14</sup>, MWK<sup>+20</sup>, MGJ<sup>+18</sup>, MC18a, MWT<sup>+17</sup>, MNSMN<sup>+04</sup>].

**southern** [MCS<sup>+09</sup>, MT96, MdSLH13, NDD<sup>+14</sup>, PS04a, PKHH17, PvRR18, PJC19, PMF<sup>+17</sup>, PBGCD<sup>+13</sup>, PJLO<sup>+17</sup>, PNC<sup>+06</sup>, QS04, RWT<sup>+20</sup>, RLB03, RYT01, SMR<sup>+06</sup>, SSWM18, SWK<sup>+23</sup>, SMS01, SPF<sup>+94</sup>, SFK<sup>+12</sup>, SBK<sup>+16</sup>, STS<sup>+15</sup>, VGGLB15, VDS<sup>+20</sup>, WMW<sup>+20</sup>, WL20, WOM<sup>+16</sup>, WTJ<sup>+19</sup>, WZ03, WWHT20, XWZ24, YSBH06, YLBdR03, YS01, ZZM<sup>+13</sup>, dBC<sup>+09</sup>, dSSB<sup>+01</sup>, vC97, ABC<sup>+04</sup>, AMvD<sup>+12</sup>, ACPV04, ABE<sup>+11</sup>, ACFS02, AA15, ACSG15, AHK99, ADAM02, ACBMQ08, AHB<sup>+17</sup>, BC11, BCE<sup>+07</sup>, BDB97, BWL01, BCT21, BSK<sup>+97</sup>, BLBW<sup>+11</sup>, Bec97, BSS20, BBM<sup>+08</sup>, BCG04, BFT<sup>+97</sup>, BBE<sup>+13</sup>, Bis94, BSG<sup>+02</sup>, BCH<sup>+11</sup>, BL03, BPD<sup>+15</sup>, BFML<sup>+08</sup>, BABB08, BTC13, BMF<sup>+01</sup>, BL01a, Boy02, BCH<sup>+19</sup>, BVV14a, BBBM04, BBB<sup>+07</sup>, BE09, BEB11, BVV<sup>+14b</sup>, BW14, BWVG98, BB04, BCB07, BNFS01, BDNS03, BBA<sup>+01</sup>, BBD<sup>+03</sup>, CSEP<sup>+17</sup>, CRDP02, CCBL14, CGM<sup>+07</sup>, CGSZ13].

#### **Southern**

[CAFK03a, CAFK03b, CWWB04, CFT<sup>+04</sup>, COV<sup>+08</sup>, CP03, CHH<sup>+22</sup>, CS20, CAÖT04, CBS11, CSS<sup>+02</sup>, DSN<sup>+10</sup>, DDS11, DeM02, DRBM97, DCA09, DSO<sup>+97</sup>, DKN<sup>+97</sup>, DB97a, DSN<sup>+20</sup>, Di 03, DFD<sup>+11</sup>, Die07, DWJ<sup>+15</sup>, DB97b, DB02, DLKP14, ETDB11, FdBGP11, FAS<sup>+03a</sup>, FAS<sup>+03b</sup>, FMO02, FLMF07, FRW00, FS07, FBCN00, FCA04, FCAD04, FGH<sup>+13b</sup>, FBCP01, FPGH02, Fro04, FPB04, Gai97, GBL<sup>+08</sup>, GAL<sup>+12</sup>, GCKC07, GPB09, GCB04, GPK02, HS01, HBSL01, HS98, HZMH07, Hei02, HMS<sup>+03</sup>, HWCT04, HWCT11, HFM<sup>+00</sup>, HHP04, HWS<sup>+07</sup>, HSC<sup>+07</sup>, HMA20, ISB<sup>+11</sup>, ILWH03, IIM02, IPH<sup>+17</sup>, JBM<sup>+08</sup>, KBLA97, KBB07, KSL<sup>+04</sup>, KNV<sup>+10</sup>, KCMT<sup>+20</sup>, KLM<sup>+11</sup>, KWW04, KMD<sup>+11</sup>, LB07, LGO08, LEP14, LYN<sup>+13</sup>, LW10, LGVK<sup>+14</sup>, LBB<sup>+07</sup>, LTW<sup>+22</sup>, LS10, LZL<sup>+22</sup>, LSA14, LBGW97, MQ01, MT15, MCH<sup>+13</sup>, MPL15, MTE<sup>+02</sup>, MMTT<sup>+20</sup>, MV01, MTWC<sup>+15</sup>, MKT<sup>+15</sup>, MHA<sup>+15</sup>].

**Southern** [MMH<sup>+08</sup>, Met09, MLBB14, MBK97, MvSdBL11, MdBL<sup>+11</sup>, MNV<sup>+20</sup>, MNPT06, MMT08, MBT97, MSTT07, MC13, MQACB08, MLS<sup>+15</sup>, NGS<sup>+15</sup>, NGM<sup>+20</sup>, NBSF01, NAB<sup>+02</sup>, NSvH<sup>+11</sup>, NMR10, NLY<sup>+13</sup>, NTH10, NW01, OCL<sup>+08</sup>, OSCS00, ÖCB<sup>+04</sup>, PFP02, Pak04, PF04a, PF04b, PLRV22, PDA<sup>+20</sup>, PMJW10, PMS<sup>+20</sup>, PFdSG11, Pee97, PMJ20, PLR02, PBD<sup>+02</sup>, PO15, PPR<sup>+20b</sup>, PGK15, QTPS97, QB02, Qué13, RGTV97, RDP<sup>+02</sup>, Rai11,

RJM<sup>+15</sup>, RDW<sup>+22</sup>, RGW04, RMBW07, RGH<sup>+24</sup>, RHB<sup>+04</sup>, RGHN<sup>+97</sup>, RHPC<sup>+19</sup>, RW95, RMPI<sup>+17</sup>, Rod13, RDdL<sup>+13</sup>, SGA<sup>+15</sup>, SLC<sup>+20</sup>, SLS<sup>+07</sup>, STJ<sup>+08</sup>, SMCA01, SVD97, SH11a, Sch02a, SE07, SF04, SF11, SSH<sup>+11</sup>, SMP<sup>+15</sup>, SNB02, SDB<sup>+97</sup>, SSS<sup>+11</sup>, Smi11, SBN<sup>+15</sup>, SBA<sup>+20</sup>, SWGPK17, SLC<sup>+15</sup>, SCC<sup>+11</sup>, TOF04, THJ<sup>+17</sup>, TLSW15, TDvdE<sup>+10</sup>, TGK<sup>+11</sup>, TAL<sup>+12</sup>, TNT<sup>+15</sup>, TSSR20, TP02b, TP02a, TLK<sup>+02</sup>, TPS<sup>+15</sup>, TRHA01].

**Southern**

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

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

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

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

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

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

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

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

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

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

SGB<sup>+08</sup>, SMS<sup>+08</sup>, SMLS02, TLSW15, UPS04, WMB<sup>+13</sup>, WC24, WMS<sup>+96</sup>, WGMC14, Ano95b]. **spatial-temporal** [CHH19]. **spatial/temporal** [SMS<sup>+08</sup>]. **Spatially** [SLT<sup>+11</sup>, BMH<sup>+94</sup>, HHD<sup>+09</sup>, TPW<sup>+16</sup>]. **spatially-diverse** [TPW<sup>+16</sup>]. **Spatially-resolved** [SLT<sup>+11</sup>]. **Spatio** [ARR02, AGAB19, ACG19, BBH05, JBC<sup>+21</sup>, OYK15, SWBKK10, SMSI08, SBA18, TBH09, TMGLM19, YKS<sup>+19</sup>, ALR<sup>+14</sup>, MSI<sup>+08</sup>, RJB<sup>+04</sup>].

**Spatio-temporal** [ARR02, AGAB19, ACG19, BBH05, JBC<sup>+21</sup>, OYK15, SWBKK10, SMSI08, SBA18, TBH09, TMGLM19, YKS<sup>+19</sup>, ALR<sup>+14</sup>, RJB<sup>+04</sup>]. **Spatiotemporal** [BFT10, SPEPS18, BvGH<sup>+17</sup>, TT17, WHF<sup>+19</sup>]. **spawn** [BCBB12].

**Spawning** [MBD<sup>+17</sup>, NHCL14, AI09, BE18, CHPF10, EEAA<sup>+19</sup>, FPS10, GSC<sup>+19</sup>, GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>, HSC<sup>+19</sup>, KT06, LWB<sup>+20</sup>, NDD<sup>+14</sup>, Pro09, RSB<sup>+17</sup>, SAVP12, SCH<sup>+19a</sup>]. **special** [ABC<sup>+04</sup>, CSS<sup>+10</sup>, DNR20, FS24, Har11, HSSN08, KGB16, LSHB09, MM14, RBMY02, RH94, STM04a, STM04b, TTL<sup>+16</sup>, WTL<sup>+06</sup>, ZS19].

**specialization** [TCEW07]. **specialized** [AZYT16]. **speciation** [AV97, ABE<sup>+11</sup>, BC11, CHN<sup>+18</sup>, CAÖT04, CWdE99, JM15, KTF07, LGC<sup>+12</sup>, MS99, MMN10, PLdL97, PD01, TY98, WLL00, WJS<sup>+06</sup>]. **Species** [BDR16, DTWW17, DTWW21, FCBD08, GRB<sup>+17</sup>, JBOH10, Kam13, Kam18, LCVV06, LCD<sup>+24</sup>, MNN10, MHC<sup>+10</sup>, NOFP14, OA11, RQRVM10, SSM09, VVV04b, ZWJ<sup>+19</sup>, AMJRD19, AM15, Ala15, Ala18, AP22, ADE22, Ano96g, BGIJ<sup>+06</sup>, BMK96, BVL04, BV04, BTR20, BPPJ15, BH97, BCNS15, BCE18, BLH05, BSCE15, BT03, BBT<sup>+18</sup>, BZvHH00, BB04, BMK09, BFK<sup>+14</sup>, BHK<sup>+10</sup>, BOJ<sup>+10</sup>, CKFC18, CSE<sup>+22</sup>, CRA<sup>+20</sup>, Che13, CP18b, CP22, CLQ<sup>+18</sup>, CBMM15, CBHF10, CMTS97, CGD<sup>+15</sup>, CP05, CPEN08, DDS11, DZL<sup>+17</sup>, DRVVS<sup>+14</sup>, DM16b, DSC<sup>+19</sup>, DAGK<sup>+17</sup>, DG18, EEAC<sup>+20</sup>, EBGCL08, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, FM13, FL02, FGB10, FNS20, GTSC08, GASGB<sup>+14</sup>, GLCU<sup>+17</sup>, Gol15, Gol18, GM22, GIPLL<sup>+14</sup>, GBSL98, GGO<sup>+14</sup>, Gut06, HDK08, HNS<sup>+11</sup>, HRS<sup>+23</sup>, HIA<sup>+16</sup>, HK10, HSZS17, IATK17, JR11, JLR<sup>+13</sup>, KBK<sup>+18</sup>, KOM17, KGB<sup>+14</sup>]. **species** [KGS23, KBR18, KEA<sup>+17</sup>, KRHS20, LRFK99, LPdR<sup>+14</sup>, LMS15, LSHB09, LdSN<sup>+18</sup>, LTL<sup>+23</sup>, LMLC<sup>+17</sup>, MS09, MTGY05, Mah16, MA13, Mal15, MFB18, MG22, MP17, Mas01, MHPS19, MM15, MPH<sup>+16</sup>, MFS<sup>+23</sup>, MST<sup>+14</sup>, NMK<sup>+20</sup>, NCL13, OKH<sup>+22</sup>, OCG<sup>+09</sup>, OCT<sup>+19</sup>, OBH<sup>+18</sup>, PSUH<sup>+16</sup>, PC98, PRSS23, QNL<sup>+16</sup>, RCW<sup>+15</sup>, RMBW07, RMD<sup>+12</sup>, RP18, RHPC<sup>+19</sup>, RQM<sup>+08</sup>, SZM10, SLdB<sup>+15</sup>, SSMC10, SBE<sup>+07</sup>, SRAs<sup>+24</sup>, SKS<sup>+23</sup>, SSAL<sup>+17</sup>, SRAL<sup>+17</sup>, SDB<sup>+19</sup>, SKMDR02, SM03, SLT<sup>+14</sup>, SHC<sup>+22</sup>, SBG<sup>+06</sup>, Tan03, UC13, VK04, VPdP06, VFFM13, Vri09, WSSN10, WAL<sup>+11</sup>, Wil08, WTA<sup>+18</sup>, XSL<sup>+17</sup>, dMGPT<sup>+14</sup>]. **species-diversity** [PC98]. **Species-specific** [NOFP14, BFK<sup>+14</sup>, RP18]. **Specific** [MNSMN<sup>+04</sup>, BFK<sup>+14</sup>, BLC<sup>+02</sup>, DEJ08, FVSR14, HIA<sup>+16</sup>, KBR18, MGT16, NOFP14, OMAA18, RP18, SLT<sup>+11</sup>, SPW<sup>+22</sup>, VBM<sup>+19</sup>, ZRG16].

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

[DNA97, Arm03, HLFP08, HS93, MHA<sup>+15</sup>]. **Spectro** [LCW<sup>+07</sup>].  
**Spectro-radiometer** [LCW<sup>+07</sup>]. **spectrometry**  
[SKD<sup>+16</sup>, STWW01, WJS<sup>+10</sup>]. **spectromicroscopy** [AWL<sup>+09</sup>].  
**spectroscopy** [HS93]. **spectrum** [HAM<sup>+15</sup>]. **speed** [HCZ<sup>+07</sup>, Led93].  
**Sperm** [MBG18, SGB<sup>+08</sup>]. **Spermonde** [CSS<sup>+10</sup>]. **Sphaerephesia** [Ala15].  
**sphaerica** [GBBS00]. **Sphaerodoridae** [Ala15, SRAL<sup>+17</sup>].  
**Sphaerodoropsis** [SRAL<sup>+17</sup>]. **Sphere** [PFW<sup>+09</sup>]. **spherical**  
[CJ19, Joh19, Mar19, Pal19]. **spider** [ASMM11]. **Spill**  
[NM18, ALHP18, AKZL16, CMP14, DBG<sup>+16</sup>, EBM<sup>+18</sup>, GGM<sup>+16</sup>, LMH<sup>+18</sup>,  
LLG<sup>+16</sup>, MPM<sup>+16</sup>, Pas18, PDB<sup>+16</sup>, PFDD16, RP18, RPF<sup>+16</sup>, SAW16,  
ZA16, ZJA16, QNL<sup>+16</sup>]. **spills** [FSP<sup>+16</sup>, RD16]. **spin** [NAT<sup>+12</sup>]. **spinax**  
[CAJE15]. **spines** [Mah16]. **spinifera** [FPS10]. **spinifrons**  
[EGMB13, MGE13]. **spinosum** [PPC<sup>+07</sup>]. **spionid** [GLMB18]. **Spisula**  
[BCL14]. **splitting** [Bwas02, SAK05]. **SPOM** [CYAYT06]. **sponge**  
[DJ15, DFJ18, HCBL<sup>+17</sup>, KGB<sup>+14</sup>, KBFH14, NDE14, PCF<sup>+18</sup>, SKS<sup>+23</sup>].  
**sponge-beds** [KBFH14]. **sponges**  
[DAGK<sup>+17</sup>, GJ11, HRX17, LPAR24, RJT11, TGU<sup>+06</sup>, YLG<sup>+18</sup>]. **spoon**  
[MA18b]. **Sporadic** [WM99]. **spores** [RGHN<sup>+97</sup>]. **spot** [GS06a]. **spots**  
[Ano06g, AZYT16, PBFS06, RN06, ZKSS06]. **spotted** [KM15]. **spp**  
[dSVC<sup>+14</sup>, AKK<sup>+05</sup>, AMK<sup>+05</sup>, BKS<sup>+10</sup>, BGMH01, CTCD05, GTTKB14,  
HPN<sup>+12</sup>, JLB<sup>+99</sup>, KTP05a, KIM08, LCDS00, MTK05, OLG<sup>+01</sup>, STR<sup>+14</sup>,  
Uys06]. **spp.** [SHC<sup>+22</sup>]. **Spreading** [KL96c, BBG15, JASS02, MR15].  
**Spring** [BSK<sup>+97</sup>, BGMH01, CD99, HCS05, JCF<sup>+06b</sup>, SSE<sup>+14</sup>, SFB16,  
TSZT13, YSBH06, ARLB00, Ald95, AMP<sup>+03</sup>, Ano95b, ADAM02, AGM<sup>+93</sup>,  
AS95, BSMV03, BCI02, BRG<sup>+19</sup>, BDB97, BMGF93, Bec97, BS01, BSKD<sup>+07</sup>,  
BRSIW95, CAS<sup>+16</sup>, CDG00, CC03, CCS<sup>+16</sup>, CBJ<sup>+23</sup>, DNM<sup>+16</sup>, DPS<sup>+14</sup>,  
DSO<sup>+97</sup>, DKN<sup>+97</sup>, DB97a, DO01, DKQ<sup>+93</sup>, DC06, FMO02, FWP<sup>+07</sup>,  
FWC<sup>+12</sup>, FD01, FG97, FWM<sup>+11</sup>, FHYI03, GWR93, GTTKB14, HNW<sup>+08</sup>,  
HDD<sup>+11</sup>, HMAW11, HK08, HNB<sup>+13</sup>, IGN<sup>+10</sup>, IHSS<sup>+10</sup>, JCF<sup>+06a</sup>, JLR<sup>+13</sup>,  
JZ93, KBLA97, KJL<sup>+17</sup>, KFF<sup>+94</sup>, KMM<sup>+08</sup>, KAHS20, KYI10b, KUN10,  
KIN<sup>+10</sup>, KMO<sup>+10</sup>, KS10, KLD21, LMG93, LTW<sup>+11</sup>, LDHI93, LYN<sup>+13</sup>,  
LHM14a, LHZJ13, LXS<sup>+13</sup>, MH93, MLG<sup>+02</sup>, MNG<sup>+11</sup>, MGH<sup>+16</sup>, MBK97,  
MDT<sup>+08</sup>, MKS<sup>+02</sup>, NKF<sup>+10</sup>, NMK<sup>+20</sup>, NSY04, NYH<sup>+20</sup>, NED09,  
OVKN11, OHS10, Pee97, PTD<sup>+14</sup>, PFX<sup>+02</sup>, PCAS05, Pro09, QTPS97,  
QB02, RWRS08, SMB<sup>+93</sup>, SCGDU09]. **spring**  
[SPSM23, SF10, SHGB95, SvDMC<sup>+16</sup>, SSMM<sup>+08</sup>, SSHM<sup>+08</sup>, SLA<sup>+01</sup>,  
SSR13, SET<sup>+09</sup>, SVS93, SDB<sup>+97</sup>, SGM<sup>+14</sup>, SNW08, SDLZ13, SKF<sup>+10</sup>,  
SFP<sup>+09</sup>, SFW<sup>+13</sup>, SFZ<sup>+13</sup>, TS93, TKF07, TT01, UWvdE<sup>+16</sup>, VGBGPA02,  
VSS<sup>+93</sup>, VPS97, VMF<sup>+16</sup>, WAPL95, WSE<sup>+16</sup>, WT14, WGR<sup>+95</sup>, WPW95,  
Wir94, YOK<sup>+10</sup>, YOO<sup>+10</sup>, YK04, ZZX<sup>+13</sup>, ZXH<sup>+13</sup>, vdLBB<sup>+02</sup>,  
vdMLB<sup>+11</sup>, DCM<sup>+99</sup>, LB98a, RA98, RFB97, Sam01]. **Spring-time**  
[YSBH06, SGM<sup>+14</sup>]. **spring/early** [FWP<sup>+07</sup>]. **spring/summer**  
[DPS<sup>+14</sup>, PTD<sup>+14</sup>]. **Springtime** [FPW02, GP08]. **Spumellaria** [IUdV<sup>+12</sup>].  
**Spur** [SHM<sup>+07</sup>, HDF<sup>+01</sup>, HSM<sup>+01a</sup>, HCG<sup>+01</sup>]. **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, PNVJ13, 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>06, 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, HiII<sup>+</sup>19, HiII<sup>+</sup>20, MDH16, OB22b, Pro09, RDBP14, RGIH<sup>+</sup>06, SRS<sup>+</sup>20, SSDA13, SDMC03, SMV<sup>+</sup>13, TY98, ZA16]. **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].  
**stpichiometry** [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, YPY<sup>+</sup>13, YAOW05]. **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, 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, LK02].  
**structure** [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, WGR<sup>+</sup>95]. **structure** [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+01, KRAS24, MHS01, SCB+01, SMB03, TWN+06, UWTS09, WWH+10, WCH+93, WKM+07b, WKM+07c, ABE+11, AGPR95, ANL13, AE02, Ano97b, AAL+17, BKM07, BCN+16, BMG+04, BvWR+20, BS21, BGDT11, BTS+08, BRPH20, CAH+09, CHPF10, CBF01, CWWB04, DWG+15, DD95, DRR+14, DZL+17, DK04, DKS11, DGT17b, EB01, EEAC+20, EO02, EOB03, FDR+18, FC01, Gai97, GWL+15, GGH98, GGH+00, GG95, GOC09, Har06, HH03, HS93, HBCC13, HZYZ10, HAM+15, JTW00, JSM+16, JCD+03, JBS+13, JMM+13, KM96, KFH01, KMA+18, LTG+09, LLR+06, LML+01, LT16, LVP15, LMG93, LSGM02, LCL+10, LTL+23, LPS14, LSS+07, MGT+20, MLP+10, MZH+10, MCB+15, MGMP02, MPS+21, MES+23, MGH+16, MKD+20, MTD+18, MW05b, MS18, MARFP08, MQACB08, MSG+00, MMG98, NEO+07, NYNK05, NSH+10, NC97]. **study** [NMK+20, NKB+18, OLG+01, PLS+10, PLRV22, PS23, PTS01, PRJW05, PAUB19, ROB+17, Rai14, RAC+20, RAS23, RKB18, RMC+93, RDG+95, RBXM15, RNP93, SCCG09, SH99a, SH99b, SBS+00, SBHS20, SK02, SHM+20, SHR20, SBA+20, SGM+02, SMG+07, SAM+12, TSZ10, TSZT13, TOF04, TLW+94, TPS+15, TTA+16, TO95, TOP95, VBF+02, WKM+07a, WZZ+23, WZW+95, WMS+96, WBBM01, WBML06, WAL+11, WLD+06, WCS07, WWW+02, Won15, WTSP07, WPFB11, ZDWR95, ZJH08, Zim19, ZG15, AS01b, DD06, LMB+98, MK96, MCG+98, MJG95, SBCH02, SMBM99, SAM+00]. **studying** [GMB13, KBE+04, NB10, TT17]. **Sub** [AKBD13, EFR+19, FLTV97, HD07, RPA07, SLB13b, ASH+11, BK99, FVSRR14, HB03, HAH+01, HAM+15, INTS02, KMM+08, LBR+11, LCS+06, LSS+11, LGBC06, PDT+11b, PLL+06, PBB+13, SCPC98, WBO07, Ano09a, BG09b, CEG+11, CMG+11, DPS+11, ETDB11, HRM+11, KMB11, MMC11b, PHS+11b, PHD+11, WGWW11, dSEDW11]. **sub-Antarctic** [ASH+11, LBR+11, LSS+11, LGBC06, PDT+11b, CEG+11, CMG+11, DPS+11, ETDB11, HRM+11, KMB11, PHS+11b, PHD+11, WGWW11, dSEDW11]. **Sub-Arctic** [HD07, INTS02, LCS+06, PLL+06, WBO07]. **Sub-basin** [EFR+19]. **sub-bottom** [HB03]. **sub-euphotic** [SCPC98]. **sub-ice** [KMM+08]. **Sub-mesoscale** [RPA07, BK99]. **Sub-Polar** [SLB13b, PBB+13]. **Sub-surface** [FLTV97, FVSRR14]. **Sub-Tropical** [AKBD13, HAH+01, HAM+15]. **subambulacral** [Mah16]. **Subantarctic** [BSG+02, Had11, LPFS97, LQF+02, SBQ+02, TB97, WS11, BNM+07, BTD11, BGDT11, GFPM02, JLTD11, OA11, DSJ+11, JDD+11, RPA07, RGHN+97]. **Subarctic** [AHR+06, ANI09, BCS99, IYM10, NMH+06, SMH+06, TWN+06, UWTS09, AKH+02, BE18, BML+06, BHJ99, BGH99, BH99b, CMB99, CRM+16, CRI18, DP99, DP02, DVPR06, EBB+08, GML99, GBP21, HRM+06, HOD+09, Har06, HTS+09, ITT12, KSH+09, KOS+16, KYI10a, KTSI07, KSU+08, KNI+05, KNN+06, KKNH02, LIS+02, LLK+09, LSC02, MBHP99, MP99, MSK+06, MJW+06, MSJ+06, MSS+02, MHM+14, NHS+09, NTK+09, OTNT05, OT12, RPAD99, STK02, STN+06, STN+09, SiSA+02, SD06a, STF09, SBSH99, SIS+02, SSE+14, SIFS10, SCWK08, SBA18,

SKF<sup>+10</sup>, SMLS02, SSI<sup>+09</sup>, TYBY06, TT05, TRWB99, TSMS09, TNIW02, TTA<sup>+16</sup>, VH99, VCRDF99, VS99, WTCB09, WCH05, WSB08, WWC<sup>+99</sup>, WM99, WC02, WWW<sup>+02</sup>, WC06b, WCWW99, YK16, YOI<sup>+09</sup>, ZJH08]. **Subarctic-Pacific** [IYM10]. **subclass** [CB18]. **subducted** [KQ02]. **subduction** [KM05b]. **subduction/formation/transformation** [KM05b]. **subject** [SAG<sup>+10</sup>]. **sublittoral** [SW09]. **Submarine** [HAC<sup>+14</sup>, LSA14, MM14, WGW<sup>+19</sup>, BEZ<sup>+22</sup>, CPA<sup>+11</sup>, DHS<sup>+14</sup>, DVS<sup>+14</sup>, DLKP14, FPB<sup>+14</sup>, GPÇ18, Har11, HBCG14, HRS<sup>+23</sup>, HD14, KCM<sup>+14</sup>, KBI<sup>+11</sup>, KSB<sup>+03</sup>, MKKB14, MG22, MPV<sup>+11</sup>, MPPR14, MT11, MWK<sup>+18</sup>, MTMH11, MMSS14, OBC<sup>+14</sup>, RGS<sup>+15</sup>, RKM<sup>+23b</sup>, SBDB09, SGB14, SKS<sup>+23</sup>, Thu06, VKC09, VD98, dSJB<sup>+11</sup>, vdBGM<sup>+17</sup>]. **submerged** [ÇYB<sup>+18</sup>, GSB<sup>+03</sup>, NHD11]. **submersible** [KFS<sup>+17</sup>]. **submersibles** [Sag18]. **Submesoscale** [HZW<sup>+23</sup>, WDD<sup>+22</sup>, WCL22, NBCT13, PS19, SD22, WSM<sup>+22</sup>, WPD22]. **suboxic** [GLK<sup>+06a</sup>, GLK<sup>+06b</sup>, MASVB<sup>+19</sup>, OE06]. **subpinnata** [dMGPT<sup>+14</sup>]. **Subpolar** [LGB13, BLG11, BHAL13, RKHK<sup>+11</sup>]. **subsea** [LAPL<sup>+16</sup>]. **subseafloor** [SB98]. **subsequent** [CHN<sup>+10</sup>, LVJC17, MAH<sup>+12</sup>]. **subsistence** [FBB<sup>+13</sup>, RH14]. **substances** [Ano99a]. **Substantial** [WAK<sup>+12</sup>]. **substrata** [PPFS17]. **substrate** [RN96]. **Subsurface** [SRF09b, SSG<sup>+11</sup>, BGS<sup>+08</sup>, BLP<sup>+15</sup>, HVBO08, JB01, JEK<sup>+15</sup>, MZD<sup>+11</sup>, MSRM08, NSKG96, NM18, RBMY02, RS02, SYT<sup>+10</sup>, ULTL16, XWZ24]. **subthermocline** [FKH05, WPD22]. **Subtidal** [NR00, GGP<sup>+14</sup>, HSHM02]. **Subtropical** [BMP<sup>+09</sup>, BHAL13, HMH<sup>+02</sup>, JPM99, KBL01, KD13, LKL<sup>+13</sup>, MSC04, MFE<sup>+02</sup>, NGS<sup>+15</sup>, AMJRD19, AKBD13, Ang10, ARF<sup>+13</sup>, AL13, Bat01, BGWF08, BGKB06, BLS<sup>+08</sup>, CTGD08, CM99a, CSH<sup>+13</sup>, CHSVB<sup>+19</sup>, DSN<sup>+20</sup>, DCK01, DKJ13, EHL02, FSL<sup>+01</sup>, FKH13, GPCT23, GGTMG<sup>+10</sup>, GGRJD<sup>+10</sup>, GWWL03, HLG<sup>+21</sup>, HK01, JZ93, KQ02, KKNH02, LBR<sup>+08</sup>, LDS<sup>+08</sup>, LSGM02, LGB13, MFPL19, MDM<sup>+13</sup>, MV19, MWF<sup>+19</sup>, MHM<sup>+14</sup>, NRBO<sup>+05</sup>, OBWK01, PPRHLF02, PW12, RJM<sup>+15</sup>, RR10, SGA<sup>+15</sup>, SRHP23, SSMC10, SCWK08, SMM<sup>+06</sup>, WSB08, ZJH08, GSW<sup>+09</sup>, TPS<sup>+15</sup>]. **subtropical/tropical** [SSMC10]. **success** [BHB<sup>+07</sup>, HH03, HNB<sup>+13</sup>, MCBC08, RDBP14, SBL<sup>+18</sup>]. **succession** [LDFS93, MTB09, MLK<sup>+12</sup>]. **sugars** [KMD<sup>+01</sup>]. **suggest** [BFSK08, CFK15]. **suggests** [YK16]. **Suginohara** [YFY<sup>+10</sup>]. **suitability** [DW15b, EWF<sup>+18</sup>, PSZ<sup>+19</sup>, RDW<sup>+22</sup>, WTA<sup>+18</sup>]. **suitable** [CV17, PRORSV<sup>+19</sup>]. **Sula** [GMD07]. **Sulawesi** [CSS<sup>+10</sup>, WYIT13]. **Sulfate** [PTD<sup>+17</sup>, TCG<sup>+18</sup>, BSS<sup>+00</sup>, RDV<sup>+09</sup>]. **Sulfate-** [PTD<sup>+17</sup>]. **Sulfate-dependent** [TCG<sup>+18</sup>]. **sulfate-reducing** [RDV<sup>+09</sup>]. **sulfide** [CWdE99, DZL<sup>+17</sup>, ODP<sup>+17</sup>, TLF97]. **sulfide-rich** [DZL<sup>+17</sup>, ODP<sup>+17</sup>]. **sulfidic** [LZM<sup>+13</sup>]. **sulfur** [BSS<sup>+00</sup>, TBC<sup>+17</sup>, TSP<sup>+18</sup>, ZHD<sup>+08</sup>]. **sulfur-oxidizing** [TSP<sup>+18</sup>]. **sulphide** [AGN<sup>+02</sup>, BAR<sup>+02</sup>, TNBL95]. **Sulphur** [LWLS98, HTML98, HML99, LSS<sup>+09</sup>, PLdL97, TTD13]. **sulphur-rich** [TTD13]. **Sulu** [GKH<sup>+07</sup>, KTF07, MNN10, NG07, NMC<sup>+07</sup>,

NEN<sup>+07</sup>, ODH<sup>+07</sup>, OOG<sup>+07</sup>, SNS<sup>+07</sup>, SNK07, TRM<sup>+07</sup>, WYIT13, YNK07].

**Summary**

[KTB<sup>+05</sup>, BL01a, BEG07, EMEP18, SDB<sup>+97</sup>, SBvdL<sup>+02</sup>, WHLR13].

**Summer** [BOKA16, DBL<sup>+05</sup>, FLTCV10, LKD<sup>+15</sup>, LPZ<sup>+04</sup>, PSHF<sup>+13</sup>, 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, BGD11, 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, 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>, PMS<sup>+20</sup>].

**summer** [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>, BKCV10, 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>, 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>, 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>+12</sup>, HLL<sup>+10</sup>, HHH01, HZK<sup>+05</sup>, HA03, HAP03, HH05, HHKH<sup>+04</sup>, HZ19, HZZ10, HF21, HAD19, Ike03, JW05a, JW05b, JAP<sup>+13</sup>, KKMSM12, KOM17, KAI21]. **surface** [KL06, KT05, KR95, KSH12, KMM<sup>+08</sup>, KSU<sup>+06</sup>, KFTE14, KIS02, KS10, Kos01, KFW01, KLM13, LMM<sup>+17</sup>, LPK<sup>+17</sup>, LN05, aLCS15, LZC<sup>+16</sup>, LB96, LGVK<sup>+14</sup>, LLG<sup>+16</sup>, LMF<sup>+21</sup>, MPMD<sup>+06</sup>, MZD<sup>+11</sup>, MvSHD01, MB01, MCS07, MKRY01, MV99, MFN<sup>+02</sup>, MLR07, Met09, MC12, MGR03b, MS12, MDGF01, MZR<sup>+95</sup>, MLS<sup>+15</sup>, NYNK05, NGS<sup>+20</sup>, NLHB01, NFD<sup>+02</sup>, NWZL23, NDD<sup>+14</sup>, OM14, OMS06, OHK<sup>+02</sup>, OPV11, OBA02, PCT18, Pal04, PS20, Pin93, PTA<sup>+99</sup>, PJ99, PDG<sup>+03</sup>, PdBK<sup>+03</sup>, RMB05, Ric05, RWL<sup>+93</sup>, RFLW00, RBB<sup>+97</sup>, RBCG10, SA14, SCL<sup>+04</sup>, SMB<sup>+93</sup>, SYT<sup>+10</sup>, SA18, SE96, SWB<sup>+09</sup>, SRW<sup>+10</sup>, SLP<sup>+09</sup>, SDL22, SHWW22, SGW<sup>+15</sup>, SNB02, SPEPS18, SK02, SBN<sup>+15</sup>, SMS03, SBR<sup>+97</sup>, SABP<sup>+16</sup>, SMPSD04, SBH<sup>+02</sup>, SMH<sup>+11</sup>, SBB<sup>+05</sup>, SJ00, SB05, SFZ<sup>+13</sup>, SJSI00, TSS<sup>+02</sup>, TSW<sup>+09</sup>, Tho97, TS03, TSB<sup>+14</sup>, TNIW02, TCH<sup>+16</sup>, TTL<sup>+16</sup>]. **surface** [VLK06, VPA<sup>+09</sup>, VMGO<sup>+09</sup>, VNBW18, VPS97, VTD<sup>+20</sup>, VM01, WDFK<sup>+22</sup>, WFA<sup>+95</sup>, WCL<sup>+15a</sup>, WDMEL01, XAY<sup>+11</sup>, YKS<sup>+19</sup>, YAS<sup>+93</sup>, ZHD<sup>+08</sup>, ZWC<sup>+15</sup>, ZLZ<sup>+15</sup>, ŽSN<sup>+18</sup>, Zon97, dLC<sup>+14</sup>, vdLCS<sup>+11</sup>, DKdS<sup>+03</sup>]. **surface-active** [MZR<sup>+95</sup>]. **surface-dwelling** [BMS<sup>+18</sup>, JAP<sup>+13</sup>]. **Surface-ocean** [DTR<sup>+09</sup>]. **surface-water** [OHK<sup>+02</sup>]. **surfaces** [BCWT00, BGCH20, JS14, KC03]. **surfacing** [EPHE18]. **surfactants** [PPS<sup>+16</sup>]. **surfclams** [BCL14]. **surficial** [BN05, CML<sup>+09</sup>, KLL03, RGTv97, WHL<sup>+97</sup>]. **surrogates** [ANS<sup>+11</sup>]. **surrounding** [CBG02, CSM<sup>+13a</sup>, SHH03, TD16, WCL<sup>+15a</sup>, YHC<sup>+11</sup>].

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

CJA<sup>+06</sup>, CAFK03b, EBS99, FLTV97, HNRGL06, NRSL17, PJ99, RIHGS00, SRAL<sup>+17</sup>, SBE<sup>+99</sup>, TBEW99, vC97]. **Swallow** [Gou05]. **swarms** [CWD<sup>+10</sup>, WH98]. **Swatch** [KSB<sup>+03</sup>, MSB<sup>+03</sup>]. **SWEDARP** [TBFP04]. **Sweden** [OM02]. **Swimming** [HCZ<sup>+07</sup>, CB00a, RG06a, VAM97]. **swordfish** [EEAC<sup>+20</sup>, LPK<sup>+17</sup>, SAA<sup>+17</sup>]. **Sycamore** [WCK<sup>+18</sup>]. **symbiont** [OCG<sup>+09</sup>]. **Symmetric** [TTFJ13, DJFK<sup>+22</sup>, LHX<sup>+22</sup>]. **Sympagic** [KBF<sup>+08</sup>, KSM<sup>+11</sup>, TRH<sup>+08</sup>]. **sympatric** [FJF<sup>+11</sup>]. **Symphurus** [TTD13]. **Symposium** [Ano06b, Ano07b, Ano07c, HD07, PTP09]. **synchronies** [DSC<sup>+19</sup>]. **Synchronization** [TLP<sup>+19</sup>]. **Synchronous** [GSPT13, OCT<sup>+19</sup>]. **syndepositional** [WKM<sup>+07a</sup>]. **Synechococcus** [BLOM93, CLC<sup>+03</sup>, LCL<sup>+98</sup>, Uys06]. **synergy** [SHB14]. **Synoptic** [FB05, JKN<sup>+05</sup>, BES11, CMR<sup>+18</sup>, DHM<sup>+22</sup>, DT03, LCH<sup>+09</sup>, PPRL02, RG93, WCL<sup>+15a</sup>]. **synopticity** [MLW<sup>+01</sup>]. **Synthesis** [Ano06d, Ano07d, DKSF01, MBT<sup>+14</sup>, MSV18, CLQ<sup>+18</sup>, DCA<sup>+98</sup>, DD06, DGS<sup>+05</sup>, EDF<sup>+04</sup>, GBSL98, HWCT11, HRG<sup>+16</sup>, KD01, LSF<sup>+01</sup>, LFM02, LPSS03, MC13, ÖHÜ<sup>+93</sup>, PHS<sup>+11a</sup>, PDB<sup>+20</sup>, RSA<sup>+10</sup>, SMD06, SD08, WAV<sup>+12</sup>]. **Synthesising** [MBG18]. **Synthesizing** [OAH<sup>+16</sup>, SPW<sup>+22</sup>]. **synthetic** [NGF09]. **synthetic-based** [NGF09]. **SyPRID** [BKY<sup>+17</sup>]. **Syracuse** [RBCG10]. **Syringammina** [VWTK18]. **SYSTCO** [GJ11, MLBB14, NKE11]. **System** [CC00, GBDM<sup>+14</sup>, LPS14, MM97, SGPD<sup>+14</sup>, ZDP<sup>+16</sup>, AYMSAS19, AJ95, AGS<sup>+02</sup>, AGAB19, BN97, BKY<sup>+17</sup>, BG94, BFF<sup>+10</sup>, BRPI02, CCG04, CDP<sup>+02</sup>, CLF<sup>+09</sup>, CFZ<sup>+18</sup>, CSW<sup>+18</sup>, CCW<sup>+08</sup>, CWL<sup>+23</sup>, CMW<sup>+05</sup>, CBB<sup>+95</sup>, CPC<sup>+03</sup>, CW18, DLF<sup>+09b</sup>, DBC<sup>+02</sup>, EFR<sup>+19</sup>, EDF<sup>+04</sup>, EHK09, FMFW07, FKS18, FCA04, GPÇ18, Gau07, GBP00, HWP<sup>+11</sup>, HMLS<sup>+06</sup>, HEV<sup>+10</sup>, HTT15, KOLA<sup>+18</sup>, KGdC<sup>+18</sup>, KHGL<sup>+02</sup>, KHL<sup>+01</sup>, KWH<sup>+05</sup>, LLL<sup>+15</sup>, LBM<sup>+17</sup>, LAGK<sup>+18</sup>, LMF<sup>+21</sup>, LPPK14, MWS<sup>+15</sup>, MFPL19, MLW<sup>+01</sup>, MTWC<sup>+15</sup>, dJMTGG11, MDS<sup>+16</sup>, MNB02, MDO<sup>+98</sup>, MYL<sup>+98</sup>, ML04, MMSS14, MKS<sup>+02</sup>, NS93, NHS<sup>+13</sup>, OC00, QC10, RAS23, SHF<sup>+95</sup>, SCGDL02, SCGDU09, SSHB03, SHM<sup>+07</sup>, Sot09, SPH<sup>+08</sup>, THJ<sup>+17</sup>, TTDR13, TWC<sup>+07</sup>, TNIW02, VSGGPR14, VBF<sup>+02</sup>, VD98, WCK<sup>+18</sup>, ZSIW21, ZX12, ZHY<sup>+13</sup>, Ant10, BPS00, BPC05, BV98, BKM07, BCW03, BL03, CMRI13, Di 03]. **System** [DMW<sup>+07</sup>, EPPR09, FEB<sup>+13</sup>, GGAMV<sup>+23</sup>, GMCR18, GQ09, HV03, JR15, MHG<sup>+04</sup>, MPI07, PO15, QLU09, Reb03, SRF09b, SJ00, TAB<sup>+05</sup>]. **Systematics** [PPC<sup>+07</sup>]. **Systems** [HM14, Ano05d, BH14, BMR<sup>+14</sup>, BLD<sup>+06</sup>, BEB<sup>+13</sup>, BL06, CK03, CL15, DB02, HHH<sup>+22</sup>, KC03, LSH<sup>+24</sup>, LLM<sup>+17</sup>, MS18, NCSO13, OCT<sup>+19</sup>, PNS<sup>+09</sup>, RBMY14, Rai14, SL15b, SBL<sup>+18</sup>].

**T** [Ano97b, DI00]. **tabular** [MM15, SL11]. **tactics** [CRJ<sup>+08</sup>]. **tag** [BTLC98, PWL07]. **tagged** [RAT<sup>+13</sup>]. **tagging** [MRE<sup>+11</sup>]. **tags** [CFK15, HBM<sup>+07</sup>, MML07]. **tailed** [HBJ02, PWB<sup>+06</sup>, SSB<sup>+06</sup>]. **tailings** [RSS01]. **taint** [DKP<sup>+14</sup>]. **Taiwan** [CLC<sup>+20</sup>, CHL<sup>+15</sup>, CCM<sup>+20</sup>, JC03, JLK03, LTY<sup>+03</sup>, LPSS03, SZH<sup>+04</sup>, TS03, WCL<sup>+15a</sup>, WYL<sup>+20</sup>, ZGW<sup>+23</sup>].



**Taiwanese** [MWT<sup>+</sup>17]. **Takahashi** [MTD<sup>+</sup>09]. **taken** [BG10]. **takes** [Col16]. **Tales** [SK07]. **tamarense** [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, 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]. **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, BKC10, 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, HiII<sup>+</sup>19, HiII<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, 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>+07</sup>, YSMW05, ZZX<sup>+13</sup>, vdMLB<sup>+11</sup>, ALHP18, ÁRR02, AMH<sup>+01</sup>, AGAB19, ALR<sup>+14</sup>, ACG19, BGIJ<sup>+06</sup>, BTP<sup>+18</sup>, BFC<sup>+06</sup>, BBH05, BDM<sup>+03</sup>, BO96, BCS99, CJA<sup>+06</sup>, CLL<sup>+03</sup>, CMR<sup>+18</sup>, CGR<sup>+96</sup>, CHH19, CRBK03, CHR97, DKN<sup>+97</sup>, EGL<sup>+16</sup>, GMR<sup>+09</sup>, GLK<sup>+06b</sup>, GKR<sup>+18</sup>, GHB<sup>+05</sup>, HP98, HdMR<sup>+99</sup>, HPY<sup>+15</sup>, HSSN08, HV03, JBC<sup>+21</sup>, KAI21, KWW04, KL13, LBD<sup>+02</sup>, LPPC<sup>+10</sup>, bLHsL<sup>+13</sup>, MDH08, MMID17, MSI<sup>+08</sup>, MMS<sup>+19</sup>, MPH<sup>+22</sup>, MG13, NR06, NBBBT13, OYK15, OS02]. **temporal** [OS04, PPA10, PH96, PLPS98, PAM<sup>+14</sup>, QLU09, RJB<sup>+04</sup>, RSW<sup>+13</sup>, RSCFT<sup>+13</sup>, RSCFT<sup>+16</sup>, SDMC03, SMS<sup>+08</sup>, SWBKK10, SM20, SMSI08, SMGB02, SMGB03, SL12, SBA18, TWA<sup>+12</sup>, TBH09, TM22, TMGLM19, TKP<sup>+20</sup>, WCMB06, YCD<sup>+06</sup>, YKS<sup>+19</sup>, TRF<sup>+97</sup>]. **Temporally** [HDW<sup>+20</sup>, BMH<sup>+94</sup>, DBS98, LK98]. **Temporally-resolved** [HDW<sup>+20</sup>]. **Ten** [Ano14, DPK<sup>+14</sup>, DKP<sup>+14</sup>]. **tenuissima** [GAJ<sup>+13</sup>]. **TEP** [Jac95b, LPA<sup>+95</sup>, PA95, PNC<sup>+06</sup>]. **tephra** [DNG<sup>+12</sup>]. **term** [ASS02, ADRS19, AKK<sup>+14</sup>, AMTE09, BC08, BG08, BBR<sup>+10</sup>, BMOW09, BL03, Bre93, DHW98, DVCG<sup>+12</sup>, Duc08, DEK<sup>+08</sup>, GLCP12, HWK<sup>+14</sup>, HZK04, HNCW23, JPM99, KBL01, LSdC<sup>+10</sup>, LDBvdB17, LO03, LBD<sup>+22</sup>, LWZ<sup>+23</sup>, LMF<sup>+21</sup>, LDW22, MDT<sup>+08</sup>, NLS<sup>+10</sup>, PCT18, PZP93, PRB<sup>+11</sup>, Reb03, RPF01, RVGF02, RSS01, SZH<sup>+04</sup>, SS09, SRS<sup>+15</sup>, SM03, SWLL23, SBC<sup>+16</sup>, SGP<sup>+11</sup>, WSLP10, WP17, WAC<sup>+09</sup>, YPY<sup>+13</sup>, YKO15, dLC<sup>+14</sup>]. **terminal** [Kli09, RBDO17, SSB<sup>+17</sup>]. **terms** [SD96]. **Terra** [LPAR24, Ano14, DPK<sup>+14</sup>, DKP<sup>+14</sup>, DTJ<sup>+14</sup>, NLDJ14, PDK<sup>+14</sup>, WPW<sup>+14</sup>]. **Terre** [EBG<sup>+11</sup>]. **terrestrial** [LWL<sup>+16</sup>, SSB<sup>+17</sup>, SHS<sup>+12</sup>, SBSW07]. **terrestrially** [MMSS14, PDS<sup>+17</sup>]. **terrestrially-derived** [PDS<sup>+17</sup>]. **terrigenous** [ATN<sup>+12</sup>, Cha03, CRP<sup>+05</sup>, JLK03, KW03, PTD<sup>+17</sup>, PCB<sup>+17</sup>, SRH<sup>+11</sup>, TBC<sup>+17</sup>, YBHM05]. **test** [CWE<sup>+17</sup>, SH00]. **testate** [GBBS00]. **Testbed** [DZY<sup>+01</sup>]. **Testing** [FLMF07, LdSN<sup>+18</sup>, MDTS08, MGK19, DCD<sup>+14</sup>, LW04]. **Tests** [MLR07, vGCM00]. **Tetractinellida** [SKS<sup>+23</sup>]. **Tetraparma** [HPN<sup>+12</sup>]. **Tevnia** [ZJFV15]. **Texas** [Cha07]. **textures** [CYB<sup>+18</sup>]. **Th** [ACH02, AFB<sup>+94</sup>, BCH<sup>+96</sup>, BMK<sup>+13</sup>, CM99a, CMB99, CAFK03b, CBB<sup>+00</sup>, CMA<sup>+09</sup>, DMY<sup>+97</sup>, FRC<sup>+10</sup>, FA03, FS02, GAC<sup>+02</sup>, HAF<sup>+15</sup>, LKK<sup>+95</sup>, MDTS08, MES97, MSTT07, MYN<sup>+96</sup>, NKB95, OOG<sup>+07</sup>, PDSS96, RFB97, STJ<sup>+08</sup>, SvdLM95, SFV<sup>+01</sup>, SSL98, SSH<sup>+11</sup>, SRF95, SCM<sup>+09</sup>, TTLP06, VMGO<sup>+09</sup>, YA03, YCT<sup>+22</sup>, YHL<sup>+12</sup>, vdLCS<sup>+11</sup>]. **Th-Based** [SSH<sup>+11</sup>, STJ<sup>+08</sup>]. **Th-derived** [MSTT07]. **Th** [?]Amiel:2002:DIS, Moran:1997:DCA, Thomalla:2006:POC, Verdeny:2009:PEO. **Thailand** [HKY<sup>+13</sup>, PCY<sup>+13</sup>, SYK<sup>+13</sup>]. **Thalassiosira** [NGM<sup>+20</sup>]. **Thallwitz** [NCL13]. **thanatocoenoses** [DJC<sup>+14</sup>]. **thanatofacies** [RVD<sup>+10</sup>]. **Thaumastosoma** [KBK<sup>+18</sup>]. **Thaumeledone** [ACPV04]. **Their** [JAP<sup>+13</sup>, SID19, ARNB01, AN05, AN06, ARLA03, ASF<sup>+12</sup>, BWC<sup>+02</sup>, BEJS93, BES95, CV17, CH24, CRF04, CMC11, DZL<sup>+17</sup>, DB97a, DC96, ELP13, FBP<sup>+17</sup>, FJG<sup>+00</sup>, FHW06, HNW<sup>+08</sup>, HCL<sup>+22</sup>, HTPM14, HAGW<sup>+13</sup>, HBC<sup>+12</sup>, HSY08, HZN<sup>+16</sup>, JKJ<sup>+22</sup>, JRK<sup>+17</sup>, KLL03, KxF22,

Kla97, KKD06, KIM08, KRGT14, LC16, LCS16, LBD<sup>+02</sup>, LMvDA16, bLHsL<sup>+13</sup>, LSHB09, LBGW97, LD07, MC05, MMMC07, NKA<sup>+11</sup>, NOFP14, OT03, PHOM09, PM10, PWMC01, PSS<sup>+16</sup>, RSB<sup>+17</sup>, ROC<sup>+21</sup>, RT20, RN06, SVJRSON04, SHC<sup>+22</sup>, SHKW05, SBG<sup>+06</sup>, VSV<sup>+97</sup>, WPJW96, XSM<sup>+19</sup>, ZCG<sup>+12</sup>, ZXH<sup>+13</sup>, vHSM04b]. **Themisto** [WT12]. **theoretical** [BWA02, CM01]. **theory** [Gut06, Jac95a, MBP<sup>+20</sup>, Pal19, SS05a]. **Theragra** [Blo02, CBSS02, HSFN13, LSWH07, SHM13, SSDA13]. **there** [KGB<sup>+11</sup>, KVB<sup>+09</sup>, KVL<sup>+19</sup>, PHH<sup>+16</sup>, VAK<sup>+09</sup>]. **Thermal** [LP14, MDSA19, MRD13, SL15b, SBM<sup>+13</sup>, GBJ<sup>+15</sup>, HSZS17, LTH05, MSW11, SA14, XZM<sup>+23</sup>]. **thermochemical** [HS96]. **Thermocline** [YCYK10, BL98, CBF<sup>+13</sup>, CBF<sup>+16</sup>, FHP94, KOO<sup>+24</sup>, LRM07, NBCT13, RR10, San13, VV23]. **thermodynamic** [CBB<sup>+95</sup>, WZW<sup>+22</sup>]. **Thermodynamics** [JVL<sup>+16</sup>, GMM<sup>+20</sup>, KIY<sup>+05</sup>]. **thermography** [MCS07]. **Thermohaline** [BSM01a, MCM06, ASMH08, BV98, BMS99, KST<sup>+99</sup>, OGG<sup>+20</sup>, RR96, SGJ<sup>+20</sup>, VCRDF99]. **Thermophilic** [SB98]. **thermophilus** [TTD13]. **thermotolerant** [BSH<sup>+11</sup>]. **Thetys** [LPAR24]. **Thick** [TMH<sup>+08</sup>, WTI<sup>+20</sup>]. **Thick-billed** [TMH<sup>+08</sup>, WTI<sup>+20</sup>]. **thickening** [JS14]. **thickness** [DGA<sup>+11</sup>, FHvFM08, HNW<sup>+08</sup>, SET<sup>+09</sup>, SHW<sup>+16</sup>, WLA11, WSL<sup>+11</sup>, XAY<sup>+11</sup>, bsBD<sup>+20</sup>]. **Thin** [JCPC09, FGF<sup>+14</sup>, OM14, TMC<sup>+14</sup>, YLU<sup>+14</sup>]. **thinning** [PSA14]. **Thirty** [MLH14, SHR20]. **Thirty-year** [SHR20]. **thompsoni** [KCMT<sup>+20</sup>, PH17]. **Thorium** [OPB15, BAH<sup>+95</sup>, BBA<sup>+98</sup>, CBB<sup>+00</sup>, VvdLS11]. **Thorium-234** [OPB15, BAH<sup>+95</sup>, BBA<sup>+98</sup>]. **those** [Jac95a]. **thouarsii** [WTS08]. **thraustochytrids** [RRMM05]. **Three** [Ano07d, CWD<sup>+10</sup>, GWP<sup>+98a</sup>, KDMH18, LMS15, TMC04, VAT23, AMK<sup>+05</sup>, BGIJ<sup>+06</sup>, Bas19, BTR20, BSJ13, BSR<sup>+18</sup>, CSL<sup>+22</sup>, CSM13b, CKFC18, CRA<sup>+20</sup>, CPA<sup>+11</sup>, DFMW13, GSK02, GGCM17, GGSC03, GK04, GFPM02, HNM<sup>+20</sup>, ITMG18, KB99, KGB<sup>+14</sup>, KCD<sup>+17</sup>, KKUK10, KRHS20, IVJC17, LLM<sup>+17</sup>, MC09, MSD<sup>+18</sup>, MFFM03, NSLAP<sup>+17</sup>, NRH<sup>+20</sup>, NCSB<sup>+98</sup>, PVK<sup>+20</sup>, RAS23, RI05, RTM<sup>+20</sup>, RT20, RNP93, SSK<sup>+05</sup>, SSK<sup>+07</sup>, STD<sup>+20</sup>, VGBGPA02, WTS08, YLH<sup>+10</sup>, ZHM<sup>+24</sup>, vOSG<sup>+11</sup>]. **Three-dimensional** [CWD<sup>+10</sup>, GWP<sup>+98a</sup>, TMC04, Bas19, DFMW13, GSK02, GGSC03, KB99, KKUK10, YLH<sup>+10</sup>, ZHM<sup>+24</sup>]. **three-layer** [GK04]. **three-layered** [CSL<sup>+22</sup>]. **threshold** [LGF03]. **thresholds** [EF98, LWM<sup>+09</sup>]. **through-flow** [Jur20]. **Throughflow** [SWK<sup>+23</sup>, SPH<sup>+03</sup>, VGF02, PHS03, TSS<sup>+21</sup>, SWCB02, WSFB02]. **throughout** [CB16, CBK<sup>+22</sup>, PBNF<sup>+16</sup>]. **throughput** [LEP14]. **thrust** [WCK<sup>+18</sup>]. **Thunnus** [BFDB17, BSN<sup>+15</sup>, DABMAMA04, DWM<sup>+15</sup>, GLCU<sup>+17</sup>, IABR<sup>+17</sup>, KHT<sup>+20</sup>, KOT<sup>+20</sup>, LCW20, WAN<sup>+15</sup>, WLT20, ZKSS06]. **thygnus** [BFDB17, GLCU<sup>+17</sup>, IABR<sup>+17</sup>]. **Thysanoessa** [FLM10, FPS10, HPL<sup>+12</sup>, KYI10a, KYI10b, PSS<sup>+16</sup>, WMW<sup>+20</sup>]. **Tidal** [DRVVS<sup>+14</sup>, GOC09, HHW<sup>+08</sup>, LM01, OGC09, BHS<sup>+19</sup>, DL01, HSHM02, LH06, LCG03, LBB<sup>+06</sup>, MT96, PRP15, RAR04, RSC<sup>+09</sup>, SSC<sup>+23</sup>, SCS<sup>+98</sup>,

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, JNBJ17, 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, 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** [GIPLL<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, 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, 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, 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, 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, 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>+06</sup>, ZSB01, ZFA<sup>+02</sup>]. **turrids** [BLS09]. **turtle** [ECM<sup>+06</sup>, WNHF<sup>+15</sup>]. **turtles** [DMC<sup>+17</sup>, PUB<sup>+06</sup>]. **TUSCH** [TTU01].

**Twilight** [JDD<sup>+11</sup>, DJS<sup>+08</sup>, HFD<sup>+23</sup>, LBV<sup>+08</sup>, SBL<sup>+07</sup>, WLP<sup>+09</sup>, LAC<sup>+09</sup>]. **Two** [AS01b, AHVB<sup>+17</sup>, BV04, BB04, Che13, HSC<sup>+07</sup>, IUdV<sup>+12</sup>, LBJ<sup>+13</sup>, PRB<sup>+11</sup>, RPS<sup>+11</sup>, ACD<sup>+17</sup>, ACR<sup>+20</sup>, AMV<sup>+09</sup>, BWD20, BSCE15, BFF<sup>+10</sup>, CRNP06, CC15, CP18b, CK24, CMAO<sup>+12</sup>, CL15, CM00, CBW01, CW09, CGD<sup>+15</sup>, DTWW17, DTWW21, DP02, DRVVS<sup>+14</sup>, DCL<sup>+21</sup>, DAGK<sup>+17</sup>, Dud06, DDB<sup>+97</sup>, DBH<sup>+20</sup>, FM03b, FMFW07, FARLR<sup>+13</sup>, GTSC08, Gol15, GM22, GFW07, HBP<sup>+14</sup>, HMC09, HKO<sup>+17</sup>, JWS01, KMB11, KHT<sup>+20</sup>, LPdR<sup>+14</sup>, LGO08, LPAR24, LPS14, Mal15, MFB18, MG22, MCB<sup>+15</sup>, MBO07, OKH<sup>+22</sup>, PP93, PWF03, PCY<sup>+13</sup>, PRSS23, RLB<sup>+18a</sup>, RAT<sup>+13</sup>, RMD<sup>+12</sup>, RSF<sup>+99</sup>, SZM10, SAG<sup>+10</sup>, SRDV07, SCM<sup>+08</sup>, SKL<sup>+22</sup>, SHC<sup>+22</sup>, SGM<sup>+14</sup>, STS11, Thi98, VMGO<sup>+09</sup>, VSR<sup>+10</sup>, VFFM13, WMH<sup>+07</sup>, WPG<sup>+07</sup>, WW23, ZRG16]. **two-component** [BWD20]. **two-phase** [CL15]. **two-year** [FM03b]. **Tyler** [Row13]. **type** [KWF<sup>+19</sup>, MARFP08, NSMBN08]. **types** [APB<sup>+09</sup>, BRBD17, OCKA<sup>+11</sup>, SDT<sup>+17</sup>]. **Typhoon** [HZYZ10]. **typhoons** [NMW<sup>+09</sup>, CW22]. **Tyrrhenian** [DCA09, LSA14, Ano09a, BG09b, BGS09, GDD<sup>+09</sup>, LTG<sup>+09</sup>, TGA<sup>+09</sup>, YLD09, dBC<sup>+09</sup>].

**U** [ACH02, FRC<sup>+10</sup>, MES97, TTLP06, VMGO<sup>+09</sup>]. **U.K.** [TOP95]. **U.S** [MSD<sup>+18</sup>, WAL<sup>+11</sup>]. **U.S.** [Ano96g, BBB94, BMK96, BG94, BRBD17, BHLS15, BAC<sup>+15</sup>, BSS15, DTWF17, Eck94, FK98, HMW<sup>+15</sup>, HAF<sup>+15</sup>, JLL<sup>+15</sup>, JSBC15, MK96, Mil94b, MJG95, NESB<sup>+15</sup>, OBC<sup>+14</sup>, SSUB15, Urb20, ZDWR95]. **U.S.A.** [KFF<sup>+94</sup>]. **U/Th** [FRC<sup>+10</sup>]. **U1340** [Hus16]. **U1341** [IOTS16, ITK<sup>+16</sup>, OTN16, WOM<sup>+16</sup>]. **U1341B** [KOS<sup>+16</sup>]. **U1342A** [SKS<sup>+16</sup>]. **U1343** [AKI<sup>+16</sup>, PBVC<sup>+16</sup>, Hus16]. **U1343E** [KOS<sup>+16</sup>, KKT16, TSOT16]. **U1344A** [OM16]. **U1345** [PBVC<sup>+16</sup>]. **UAV** [MRE<sup>+11</sup>]. **UK** [SDGH14]. **Ulleung** [JCP17, JSP<sup>+17</sup>, KKK<sup>+17</sup>, KHH<sup>+17</sup>, MWW<sup>+05</sup>, TTW<sup>+05</sup>]. **ultimate** [HSM<sup>+01a</sup>]. **ultra** [AKHR<sup>+20</sup>, DO96, LLS<sup>+19</sup>, PKZ<sup>+19</sup>, SHF<sup>+95</sup>, SKD<sup>+16</sup>]. **ultra-** [DO96]. **ultra-clean** [SHF<sup>+95</sup>]. **ultra-high** [SKD<sup>+16</sup>]. **ultra-oligotrophic** [AKHR<sup>+20</sup>, LLS<sup>+19</sup>, PKZ<sup>+19</sup>]. **ultrafiltered** [MGS<sup>+10</sup>]. **ultraoligotrophic** [OFD<sup>+22</sup>]. **ultraphytoplankton** [BCO<sup>+96</sup>]. **ultraplankton** [MZH<sup>+10</sup>, VKG93]. **ultraviolet** [WW04a]. **ultraviolet-B** [WW04a]. **Umitaka** [CHU<sup>+00</sup>, SHM<sup>+07</sup>]. **Umitaka-Mar** [CHU<sup>+00</sup>]. **Uncertainties** [EBG<sup>+15</sup>, SHL<sup>+11</sup>, CAJE15, HKAM12]. **uncertainty** [IHPA16]. **under-ice** [BBLS14, CFL<sup>+16</sup>, KHL<sup>+15</sup>, LS14a, LvDA14, NRS14, ORFA<sup>+14</sup>, SPB<sup>+14</sup>, ZAC<sup>+15</sup>]. **undercurrent** [CGR<sup>+00</sup>, CRMI18, NR00, PSK<sup>+00b</sup>, SA02, RPM07, ZSIW21]. **undercurrents** [EO02]. **underdeveloped** [OBKA17]. **underlying** [SW00]. **undersaturations** [MCM<sup>+14</sup>]. **Undersea** [ESW<sup>+16</sup>, Mah16]. **understand** [PMJ20, RDW<sup>+12</sup>]. **Understanding**



[ACK<sup>+14</sup>, ALR<sup>+14</sup>, BMR<sup>+14</sup>, BL08, DKP<sup>+17</sup>, EAB<sup>+20</sup>, LBD<sup>+22</sup>, LCWJI<sup>+19</sup>, RHD<sup>+18</sup>, RBH<sup>+20</sup>, Smi01, BFL<sup>+20</sup>, BFA<sup>+08</sup>, ELP13, Har06, HWCT11, HAM<sup>+15</sup>, Lin16, OBH<sup>+19</sup>, Pra04, SBL<sup>+18</sup>]. **Understood** [HB19, HBV19, HBVG20, HBVG22]. **understudied** [CHH<sup>+22</sup>]. **Underwater** [SHY<sup>+08</sup>, ZLOR02, DLF09a, DDB<sup>+17</sup>, KR11, MMY<sup>+20</sup>]. **underway** [CDG00, PNS<sup>+09</sup>]. **undiscovered** [BBG15]. **UNDP** [PH19]. **undulation** [WWL02]. **uneven** [CIMT19]. **unexpected** [HCBL<sup>+17</sup>, KEPZ93, MBH<sup>+96</sup>]. **Unexpectedly** [SA15b]. **Unicellular** [HWP<sup>+07</sup>]. **uniform** [GBJ<sup>+15</sup>]. **unifying** [FO05]. **Unimak** [SRN02]. **Uniporus** [CP18a]. **unique** [DGT14, GAP<sup>+06</sup>]. **United** [SDL22, BRB<sup>+13</sup>, DHS<sup>+14</sup>, PH19]. **unmanned** [KI18, MRE<sup>+11</sup>]. **Unmelted** [Kyt02c]. **unpredictable** [VAMPR<sup>+17</sup>, Wei07]. **Unravelling** [JRG<sup>+22</sup>]. **unsteady** [LS04]. **Unstructured** [TFP<sup>+16</sup>]. **Unusual** [Hec94, ULH<sup>+21</sup>]. **Unusually** [DFJ18, LJHAA19, LRN<sup>+14</sup>, HH20, MBB<sup>+02</sup>]. **unvarying** [DN97]. **update** [MDC<sup>+10</sup>]. **Updated** [TCM<sup>+22</sup>, WSB13]. **upon** [BSN<sup>+15</sup>, HS93, WRS99]. **Upper** [BBA<sup>+98</sup>, BBA<sup>+01</sup>, CSP05, CKH<sup>+08</sup>, FK98, HBK<sup>+98</sup>, LTY<sup>+03</sup>, MWW<sup>+05</sup>, MPH02, SGJ<sup>+20</sup>, ASBM02, ARF<sup>+13</sup>, BFT<sup>+97</sup>, CD95, CCM15, DGP20, DS24, DMW<sup>+07</sup>, DGN96, DLF<sup>+09b</sup>, DKI<sup>+00</sup>, DI00, DGB<sup>+98</sup>, DEK<sup>+08</sup>, ERR97, FWR<sup>+02</sup>, GSM<sup>+20</sup>, HBR11, HLNO96, KWF<sup>+19</sup>, KMSM11, KxF22, KSB<sup>+03</sup>, KLKB95, LJBF00, LHX<sup>+22</sup>, LSC02, LN01, LKK<sup>+95</sup>, MLS01, MBB<sup>+02</sup>, MV01, MNR<sup>+11</sup>, MNPT06, MC13, NL11, NRM<sup>+99</sup>, OPB15, PLRV22, PAR<sup>+08</sup>, PBGCD<sup>+13</sup>, PFW<sup>+09</sup>, PBN10, PSWF19, PNC<sup>+06</sup>, PRSS23, RPB02, RMC<sup>+93</sup>, RBS<sup>+17b</sup>, SSSC19, ST13, SDLZ13, TBB<sup>+14</sup>, TWC<sup>+07</sup>, WFR<sup>+02</sup>, WWH97, WF99, WGG98, WTSP07, Zon97, SKC99]. **upper-layer** [DKI<sup>+00</sup>, DI00]. **Upper-ocean** [CSP05, HBK<sup>+98</sup>, LTY<sup>+03</sup>, DMW<sup>+07</sup>, DLF<sup>+09b</sup>, FWR<sup>+02</sup>, KxF22, LJBF00, MNR<sup>+11</sup>, MNPT06, NL11, RBS<sup>+17b</sup>, WFR<sup>+02</sup>, WF99]. **Upslope** [Zim09]. **Uptake** [DJR<sup>+01</sup>, GGO<sup>+14</sup>, BNM<sup>+07</sup>, BDNS03, BOP95, CHM<sup>+17</sup>, COJ<sup>+09</sup>, CB01, DRBM97, FBCN00, HTA<sup>+17</sup>, JHS<sup>+17</sup>, KIIW03, KNB11, KNC<sup>+09</sup>, LJL<sup>+17</sup>, LSS<sup>+07</sup>, NSvH<sup>+11</sup>, PWD<sup>+11</sup>, RWR<sup>+02</sup>, RWJ06, RGS<sup>+97</sup>, RCF<sup>+16</sup>, RN96, SH99c, SYS05, TLKT00, TWPP07, WPG<sup>+07</sup>, WCY05, WWN<sup>+02</sup>, WWW<sup>+02</sup>, ZHB<sup>+07</sup>]. **Upward** [GHD<sup>+18</sup>, HVBO08]. **upward-looking** [HVBO08]. **upwelled** [HKM00, MMHB98, VLK06, WLD<sup>+06</sup>]. **Upwelling** [FMH<sup>+02</sup>, RN06, AST<sup>+05</sup>, ADBU18, BN97, BPS00, BGWF08, BLD<sup>+06</sup>, BFF<sup>+10</sup>, BBV00, CCG04, CDP<sup>+02</sup>, CSW<sup>+18</sup>, CB00b, CDJM04, DH97, DDL06, DVCG<sup>+12</sup>, DRVVS<sup>+14</sup>, DWW<sup>+02</sup>, DBC<sup>+02</sup>, DWHM06, DDB<sup>+97</sup>, EDF<sup>+04</sup>, EHK09, FGU04, FWR<sup>+02</sup>, Fon96, GWL<sup>+15</sup>, GBP00, HCL<sup>+22</sup>, HSR<sup>+23</sup>, HEV<sup>+10</sup>, HZK04, HS93, JCPC09, KC03, KKK<sup>+17</sup>, KGB06, KRAS24, LWDH06, LPM<sup>+19</sup>, LPPK14, MAA<sup>+04</sup>, MAA<sup>+05</sup>, MKVT<sup>+04</sup>, NSH<sup>+10</sup>, OG11, OCP18, OC00, PCT18, PBS06, PWD<sup>+11</sup>, PPL<sup>+19</sup>, PLHMA06, RHI00, RAL04, RGL<sup>+06a</sup>, RMK<sup>+14</sup>, SGD<sup>+14a</sup>, SCGDU09, SRC98, SZH<sup>+04</sup>, SPF10, SSW05, SMBM00, SBB06, SPB<sup>+14</sup>, SVS<sup>+20</sup>, SCPP05, STS11, Thu98, VSGGPR14, WMB<sup>+08</sup>, vGTG<sup>+00</sup>, vRPD<sup>+18</sup>].

**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, 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, PFAZL09]. **using** [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]. **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>+17</sup>, HVWH09, PDC<sup>+99</sup>, SMLP04]. **vaporization** [GDYW02]. **Variabilities** [CCC<sup>+03</sup>, RMC<sup>+93</sup>]. **Variability** [ABD<sup>+13</sup>, BCBF03, CSM<sup>+13a</sup>, CFT<sup>+04</sup>, CMAO<sup>+12</sup>, DL04, ESWL20, EBDL08, FWG<sup>+97</sup>, HLZY10, HD07, KSU<sup>+06</sup>, LKL<sup>+13</sup>, LWC05, LRM<sup>+02</sup>, LSA14, LRM07, MDH<sup>+98</sup>, MZH<sup>+10</sup>, MHPS19, MJG<sup>+13</sup>, MBW<sup>+08</sup>, MHVM<sup>+08</sup>, RCW<sup>+15</sup>, SYT<sup>+10</sup>, SS01, SKSW02, TPGCCS<sup>+02</sup>, TMTR14, TWPP07, VPSL15, WF99, WWS02, Yu03, ZDBG05, AMJRD19, AML<sup>+19</sup>, ALHP18, AISR<sup>+16</sup>, ÁRR02, AGGdC14, dSVC<sup>+14</sup>, ACK<sup>+14</sup>, Ano95b, Ano96g, AMH<sup>+01</sup>, ATS<sup>+96</sup>, ALR<sup>+14</sup>, ACG19, ALT<sup>+13</sup>, AGJ07, AL13, BCBB12, BG08, BTP<sup>+18</sup>, BL99, BLSW05, BB09, BMK96, Bat01, BRD<sup>+18</sup>, BDWG02, BEC<sup>+96</sup>, BB98, BO96, BSM01b, BKD06, BCS99, BRL<sup>+03</sup>, BL03, BY04, BHSJ16, BDR<sup>+03</sup>, BT04, BT03, BWC<sup>+02</sup>, CCG04, CBBM12, CCP<sup>+18</sup>, CHPF10, CBS<sup>+96</sup>, ILCCC07, CG07, CCS<sup>+16</sup>, CWS05, CVM<sup>+01a</sup>, CM03, CMR<sup>+18</sup>, CPS05, CMW<sup>+08</sup>, CRR01, CKH<sup>+08</sup>, CMJ<sup>+18</sup>, CS19, DSB<sup>+18</sup>]. **variability** [DS21, DDN<sup>+04</sup>, DKN<sup>+97</sup>, DC00, DDL06, DRVVS<sup>+14</sup>, DMS<sup>+98</sup>, DZY<sup>+01</sup>, DLF<sup>+09b</sup>, DTR<sup>+09</sup>, DRS10, DG18, DFMG01, ERR97, ESK<sup>+23</sup>, EBGCL08, ECD<sup>+17</sup>, FGU04, FBC<sup>+02</sup>, FM03b, FCA04, GLCP12, GSMG04, GOD<sup>+01</sup>, GSW<sup>+09</sup>, GLK<sup>+06b</sup>, GGTMG<sup>+10</sup>, GBP21, GHB<sup>+05</sup>, GK02, HXF<sup>+23</sup>, HAH<sup>+01</sup>, HC15, HHH<sup>+14</sup>, HS07, HFM<sup>+02</sup>, HGB<sup>+13</sup>, HGMA<sup>+02</sup>, dITGCAB<sup>+03</sup>, HBR11, HZT<sup>+06</sup>, HZK04, HTW14, HWL06, HXC<sup>+22</sup>, HNCW23, IS07, IIM02, IIM<sup>+09</sup>, ITMG18, JBC<sup>+21</sup>, KHS<sup>+02</sup>, KMLC<sup>+04</sup>, KK19, KAI21, KCD<sup>+96</sup>, KW03, KDMH18, KFH01, KMD<sup>+99</sup>, KIS02, KBE<sup>+04</sup>, KWW04, KN05, LUV99, Lad14, LDV<sup>+02</sup>, LBMvdB14, LSdC<sup>+10</sup>, LCW20, LK02, LK11, LJBF00, LPJ<sup>+16</sup>, LCG03, LCD01, LHM14b, LM13, LSGM02, LIS<sup>+02</sup>, LCT<sup>+07a</sup>, LSHP01, LD07, LSWH07, LBM<sup>+20</sup>, Loh08, LMC<sup>+12</sup>, LBB11, LG15, LSM96, LSOM16, MCL<sup>+19</sup>, MHB<sup>+23</sup>, MHG<sup>+04</sup>, MvSHD01, MDH08, MDTS11a, MRSLM<sup>+19</sup>]. **variability** [MSI<sup>+08</sup>, MDB98, MPS<sup>+21</sup>, MHB05, MB01, MPH<sup>+22</sup>, MSC04, MAST05, MG13, Men23, MHA<sup>+15</sup>, MMH<sup>+08</sup>, MRD13, MiSW08, MFG<sup>+04</sup>, MMC11a, MTMK<sup>+13</sup>, MMMC07, MBC<sup>+20</sup>, MMM<sup>+00</sup>, MSBS01, NGM<sup>+20</sup>, NKF<sup>+10</sup>, NBB<sup>+02</sup>, NR06, NLSL09, NBSM01, NDD<sup>+14</sup>, NPF<sup>+09</sup>, NESB<sup>+15</sup>, ONSSVGR04, OHS10, OGRdO18, OWD13, OGG<sup>+20</sup>, PF02, PH17, PS23, PKR<sup>+01</sup>, PvRR18, PP95, PH96, PFC19, PK03, PNL<sup>+19</sup>, PAM<sup>+14</sup>, PRP15, PKA05, PLHMA06, PSWF19, Pri06, QLU09, RBMY02, ROPB03, RKTG14, RMA<sup>+20</sup>, RJB<sup>+04</sup>, RSW<sup>+13</sup>, RBO07, RJGBF02, RDG<sup>+95</sup>, RHM13, RMBG11, SLC<sup>+20</sup>, SMLP04, SSH<sup>+02</sup>, SVJRSON04, SP19a, SMB<sup>+13</sup>, SPSM23, SiSA<sup>+02</sup>, SH00, SHB02, SdRvLR03, SHA02, SLM<sup>+20</sup>, SZH<sup>+04</sup>, SFG98, SW01, SGW<sup>+15</sup>, SET<sup>+09</sup>, SLB13a, SGB<sup>+08</sup>, SHFM01, SM03, SMS03, SP00, SPB<sup>+10</sup>, SCB<sup>+16</sup>, SPH<sup>+03</sup>, SKM<sup>+08</sup>, SM20, SMSI08, SMGB02, SMGB03, SJ00, STS11, TSS<sup>+21</sup>]. **variability** [TWA<sup>+12</sup>, THJ<sup>+05</sup>, TCM<sup>+04</sup>, TSWJ12, TM22, TKF07, TLP<sup>+19</sup>, TMW<sup>+05</sup>, TCH<sup>+16</sup>, UIS<sup>+03</sup>, UY04, VH99, VNBW18, VCDAL14, WHF<sup>+19</sup>, WCMB06, WAT12, Wei15, WDR05, WPW95, WMC06, WGST08, WSFB02, WSB13, WWC<sup>+99</sup>, YCD<sup>+06</sup>, YKS<sup>+19</sup>, YSMW05, YAS<sup>+93</sup>, YXZ<sup>+22</sup>, ZPT<sup>+13</sup>,

ZXLL10, bsBD<sup>+20</sup>, vGFGS02]. **variabilty** [SMS<sup>+08</sup>]. **Variable** [ASF<sup>+12</sup>, BS05, BS06, BLD<sup>+06</sup>, CBV<sup>+16</sup>, JGM09, LGF03, LAPL<sup>+16</sup>, RSS01, SVS<sup>+20</sup>, ZG15]. **variables** [AST<sup>+05</sup>, ANS<sup>+11</sup>, AMTE09, CH24, DGR19, IBK<sup>+11</sup>, JRGLJ<sup>+19</sup>, OB22a, RLB<sup>+18a</sup>, SCD14, SRC98, UY04, XSM<sup>+19</sup>, ZFP<sup>+16</sup>, dLC<sup>+14</sup>]. **variants** [XSL<sup>+17</sup>]. **Variation** [BCB<sup>+18</sup>, GFS15, HKN<sup>+04</sup>, HTM<sup>+03</sup>, KMOM19, LWW<sup>+15</sup>, MDJS11, SNS<sup>+16</sup>, ADE22, AELP14, BN97, BFC<sup>+06</sup>, BLBW<sup>+11</sup>, BL00, CSGC03a, CJF<sup>+12</sup>, CSS<sup>+22a</sup>, CRBK03, CKL03, DKT<sup>+01</sup>, DPS<sup>+11</sup>, FRBB10, GBH<sup>+17</sup>, GWWL03, GKR<sup>+18</sup>, HSSN08, HRK14, INTS02, JC03, JYM<sup>+15</sup>, JKP<sup>+17</sup>, JLJ<sup>+12</sup>, LCL<sup>+10</sup>, MHS01, Man94, MMID17, MMS<sup>+19</sup>, MC18b, MLR07, MPF<sup>+17</sup>, MHSV18, MCG<sup>+98</sup>, MMG98, ONRW10, OYK15, OB22a, PPYN15, PDC<sup>+21</sup>, RWL<sup>+93</sup>, SHI06, SNH<sup>+23</sup>, SGC03, SSK<sup>+05</sup>, SSK<sup>+07</sup>, SAB08, TRB98, VSV<sup>+97</sup>, WGMC14, YQMB20, ZZX<sup>+13</sup>]. **variational** [FM03c, SJL05]. **Variations** [ABC<sup>+04</sup>, BFH<sup>+11</sup>, CFL<sup>+16</sup>, EFR<sup>+19</sup>, KR95, KRHS20, NMW<sup>+09</sup>, SLH<sup>+00</sup>, WCS07, WSP19, ZCG<sup>+12</sup>, ZZZ<sup>+16</sup>, ALWW04, BRJM18, BMH05, BH19a, BCM02, BHHM<sup>+12</sup>, CD95, CH24, CLC<sup>+03</sup>, CLL<sup>+03</sup>, CGR<sup>+96</sup>, CSS<sup>+02</sup>, DW15a, DEJ08, DN97, DHM<sup>+22</sup>, DS24, DSG<sup>+09b</sup>, DFK<sup>+06</sup>, DO96, EHL02, EGL<sup>+16</sup>, FBL<sup>+98</sup>, FGW02, FDM<sup>+97</sup>, HP98, HLL<sup>+10</sup>, HMW00, HK01, Hei02, HPY<sup>+15</sup>, HBC<sup>+12</sup>, HF21, Ike03, IKR<sup>+12</sup>, IPTH03, JRG<sup>+22</sup>, JZX10, KL03, KS10, LBD<sup>+02</sup>, LT16, LDWK96, bLHsL<sup>+13</sup>, LH07, LZZ<sup>+16</sup>, MZD<sup>+11</sup>, MT15, MC02, MBMM<sup>+99</sup>, MDTs08, MV99, MSC<sup>+19</sup>, MCJ<sup>+99</sup>, MPS<sup>+03</sup>, NI10, NOFP14, OENB01, PDA<sup>+20</sup>, PVK<sup>+20</sup>, PG07, PDA<sup>+17</sup>, PLA<sup>+17</sup>, PRB<sup>+11</sup>, RRMM05, RAR04, RP05, SSI<sup>+99</sup>, SVR<sup>+00</sup>, SRY04, SF04, SFW08, SBD<sup>+97</sup>, SSP<sup>+06</sup>, SBN<sup>+15</sup>, SFB19, SGP<sup>+11</sup>, TS93, TWC<sup>+07</sup>, TNIW02, VABCR<sup>+24</sup>, VLP<sup>+17</sup>, WFA<sup>+95</sup>, WMM02, YOK<sup>+10</sup>]. **variations** [ZDWR95, ZHY<sup>+13</sup>, ZLW<sup>+19</sup>, vRPD<sup>+18</sup>]. **Varied** [MKW11]. **vary** [BvGH<sup>+17</sup>, WAN<sup>+15</sup>]. **varying** [BN05, Blu93, BMH<sup>+94</sup>, Dal04, DBS98, HPS<sup>+13</sup>, HSFN13, LK98]. **vascular** [YERT13]. **vast** [RMPI<sup>+17</sup>]. **Vaughan** [WF13]. **vectors** [Ark13]. **veering** [NR00]. **Vehicle** [MCH<sup>+13</sup>, CSW<sup>+18</sup>, DDB<sup>+17</sup>, DBBWH20, HSM11, KI18, LAJP13, MRE<sup>+11</sup>]. **vehicles** [KR11]. **velocities** [BB03, ESA<sup>+09</sup>, RN06, SJ00, SS13b, VABCR<sup>+24</sup>, XA09]. **velocity** [APLW09, Fre13, Har96, HVBO08, LPW<sup>+09</sup>, RPS<sup>+11</sup>, SWCB02, SCM<sup>+09</sup>, TSDG13, VT09, WLP<sup>+09</sup>]. **VEMA** [BBT<sup>+18</sup>, BFB<sup>+18</sup>, CP18b, DAB<sup>+18</sup>, GLMB18, LS18, RKB18, SLB18, SWL<sup>+18</sup>, ZV13]. **Vema-TRANSIT** [CP18b, RKB18]. **veneficum** [DLG<sup>+14</sup>]. **Venezuela** [MTMK<sup>+13</sup>]. **vent** [CSE<sup>+22</sup>, GFS15, HRS<sup>+23</sup>, HSZS17, KB15, KEA<sup>+17</sup>, LDSV98, MG22, MCB<sup>+15</sup>, MFS<sup>+23</sup>, MTDK98, MMM<sup>+13</sup>, Phi17, PPFS17, SBM<sup>+13</sup>, Sot09, ULH<sup>+21</sup>, ZJFV15]. **ventilation** [CMAO<sup>+12</sup>, MW05b, PRJW05, PGK15, PRB<sup>+11</sup>, SvdLM95, THJ<sup>+17</sup>, YCYK10, vCHM18]. **venting** [Bak98, BT15, MS18]. **vents** [Ala22, BBG15, EMV09, KCD<sup>+17</sup>, KM98, MTB09, MCH<sup>+13</sup>, MKD23, MMG98, NCK<sup>+22</sup>, OGG<sup>+15</sup>, PZL<sup>+09</sup>, RDV<sup>+09</sup>,

SSK<sup>+23</sup>, SFV<sup>+98</sup>, TTD13, VB98]. **Verification** [ZDO19]. **Vernal** [BLdM<sup>+02</sup>, LMDW06, OT10]. **versus** [BTUV08, FHW06, RLP<sup>+98</sup>, SHF<sup>+95</sup>, TSWJ12]. **vertebrate** [FG07]. **vertebrates** [Pon07]. **VERTical** [BTS<sup>+08</sup>, AAMF<sup>+02</sup>, AKH<sup>+02</sup>, Bla94, CW15, FPLB<sup>+08</sup>, FGF<sup>+14</sup>, Fre13, FSGV<sup>+09</sup>, GSB<sup>+23</sup>, GGTMG<sup>+10</sup>, HA10, Har96, ISB<sup>+11</sup>, JYM<sup>+15</sup>, KMKA20, KOT<sup>+20</sup>, LCR<sup>+96</sup>, MDTS11b, NAB<sup>+02</sup>, NED09, OB22b, PHS03, RRWR08, RWRS08, SSDA13, SM20, SMGB02, SMGB03, SHY<sup>+08</sup>, SESS08, SPH<sup>+08</sup>, TR02, TS10, TKP<sup>+20</sup>, Uys06, WZZ<sup>+19</sup>, WLZ<sup>+19</sup>, WAN<sup>+15</sup>, Wit00, YMC<sup>+22</sup>, YSHS08, AVS<sup>+20</sup>, ASFI02, BFDB17, BFL00, BASLK04, CD95, CLC<sup>+20</sup>, CSP05, CDH<sup>+00</sup>, CMB02, CP05, DPS<sup>+14</sup>, DSvR<sup>+18</sup>, DB02, FGH<sup>+13a</sup>, GGF<sup>+08</sup>, GMK<sup>+08</sup>, GSGS01, HCBP97, HHH01, HH93, HHD<sup>+09</sup>, KFF<sup>+94</sup>, KL03, KH10, Lar04, LML<sup>+01</sup>, LSM<sup>+06b</sup>, LS10, LYL22, LDX<sup>+23</sup>, LOFC00, MMY<sup>+20</sup>, MRRG23, MR01, MPH<sup>+05</sup>, MLP<sup>+10</sup>, MNN10, MDM<sup>+13</sup>, MBK97, MBM<sup>+00</sup>, Mun14, Mun16, MSBS01, NMC<sup>+07</sup>, PFDG08, PWMC01, PFW<sup>+09</sup>, PTD<sup>+14</sup>, PBN10, PC98, PVT<sup>+21</sup>, RA98, RMA<sup>+20</sup>, RNP93]. **vertical** [RN06, SZV<sup>+19</sup>, SGM<sup>+02</sup>, SAM96, TRH<sup>+08</sup>, TPW07, TBT05, Uml05, WDD<sup>+22</sup>, WAL<sup>+11</sup>, WW04b, YOK<sup>+10</sup>, YTF02, YXC<sup>+19</sup>, YO96, ZD04, TBB<sup>+08</sup>]. **Vertically** [SS13b]. **VERTIGO** [BL08, TBB<sup>+08</sup>, EBB<sup>+08</sup>, BGS<sup>+08</sup>, BTS<sup>+08</sup>, LBL08]. **very** [PMLM<sup>+02</sup>]. **vesicomylid** [DZL<sup>+17</sup>]. **Vesicomylidae** [LVJC17, BBAL<sup>+20</sup>, KKVP15, vCO09]. **Vesicomylinae** [KKVP15]. **vessel** [ZNM<sup>+02</sup>]. **vestmentiferan** [BTM<sup>+98</sup>]. **vestmentiferans** [MHC<sup>+10</sup>]. **Vetigastropoda** [FHK18]. **VI** [DZ08, VMF<sup>+16</sup>]. **via** [AGN<sup>+02</sup>, BEB<sup>+13</sup>, CHN<sup>+18</sup>, GLK<sup>+06a</sup>, SVS<sup>+20</sup>, SDLZ13, WJS<sup>+10</sup>]. **viability** [VCM<sup>+14</sup>]. **Viable** [CLT94, TIS<sup>+13</sup>]. **vicinity** [BJK<sup>+22</sup>, DHST13, FWP<sup>+07</sup>, FSK<sup>+02</sup>, FPGH02, GFPM02, HKN<sup>+04</sup>, HPM02, KRS<sup>+11</sup>, LTW<sup>+22</sup>, LPSS03, MAN<sup>+20</sup>, MiSW08, MPTW11, NGM<sup>+05</sup>, PC08, PSF<sup>+07</sup>, RT20, RHZ<sup>+03</sup>, SLMP07, SLB13b, TS03, VTD<sup>+20</sup>, VHT<sup>+20</sup>, ZZP04, ZHB<sup>+07</sup>]. **Victoria** [LCVV06, MCCM<sup>+98</sup>]. **Video** [BL06, DGMS96, SHY<sup>+08</sup>, BBS<sup>+20</sup>, CGG<sup>+19</sup>, DFMW13, DDB<sup>+17</sup>, LAJP13, MMY<sup>+20</sup>, Mah16, NKE11, NDE14, SBS<sup>+08</sup>, TGU<sup>+06</sup>, ADGA01, AGP05, ADG<sup>+08</sup>, BDW<sup>+96</sup>, BWS<sup>+98</sup>]. **video-recorded** [DFMW13]. **video-spatial** [BBS<sup>+20</sup>]. **videography** [MCH<sup>+13</sup>]. **Vietnam** [NCT13]. **Vietnamese** [TAMTC<sup>+13</sup>]. **View** [Ano06c, BW14, PPRL02, PGC<sup>+11</sup>, RPH<sup>+06</sup>, RGL06b, STM04a, STM04b]. **viewing** [STM04a, STM04b]. **Views** [STM04a, STM04b, CB09a, TSWJ12]. **vigorous** [ROBV<sup>+18</sup>]. **village** [Col16]. **villosus** [ASF<sup>+16</sup>, LSWH07, ODR<sup>+09</sup>]. **Vinciguerria** [GGAMV<sup>+23</sup>]. **Viral** [BFML<sup>+08</sup>, GBVG<sup>+02</sup>, MNB02, DCL<sup>+09</sup>, JBS<sup>+98</sup>]. **virally** [BTUV08]. **virio** [HCL<sup>+22</sup>]. **virio-** [HCL<sup>+22</sup>]. **Virioplankton** [BTUV08]. **Virus** [WTZ02, HKN<sup>+09</sup>, MNB02]. **viruses** [Kel10, PvRR18]. **Visayan** [BRCFP23]. **viscosity** [SLS<sup>+10</sup>]. **viscous** [SBB<sup>+05</sup>, Web19]. **visible** [BW93]. **visits** [GBB<sup>+17</sup>]. **visual** [MSM10, OCKA<sup>+11</sup>]. **visualization**

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

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

[AKBD13, ACGS15, ADAM02, BCI02, BFH<sup>+11</sup>, 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>, 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>, HKS11, 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, LM96]. **water** [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, TMTR14]. **water** [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>, 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>, OHK<sup>+02</sup>, PG97,

RFF<sup>+02</sup>, SSH<sup>+02</sup>, SRF09b, Spa99, SGL99, TGFP02]. **water-based** [PFAZL09]. **Water-column** [ADAM02, DFK<sup>+06</sup>, BT15, CPEN08, GQ09, RTC06, RTFB09]. **water-leaving** [BY04]. **Water-mass** [KHB<sup>+04</sup>, YCYK10, KM05b]. **water-sediment** [RGHN<sup>+97</sup>]. **watercolumn** [BCWT00]. **Watermass** [PPB<sup>+22</sup>, SGA<sup>+15</sup>]. **Waters** [SJA<sup>+97</sup>, WWcW<sup>+15</sup>, ATD<sup>+11</sup>, ABG<sup>+20</sup>, ATJ05, Ake19, ADBU18, ACV<sup>+01</sup>, ABKL96, AL14, ASH<sup>+11</sup>, AHK99, BDB97, BTP<sup>+18</sup>, BCM02, BPF<sup>+03</sup>, BD02, BSSK<sup>+08</sup>, BPBJ13, BPD<sup>+15</sup>, BMK09, BL01b, BBB13, CBG02, CHM<sup>+17</sup>, CKFC18, CMW<sup>+05</sup>, CFL<sup>+16</sup>, CKH<sup>+08</sup>, CWdE99, DMC<sup>+17</sup>, DHW98, DCD<sup>+14</sup>, DLW<sup>+17</sup>, DKJ13, DSJ<sup>+11</sup>, FPLB<sup>+08</sup>, FCG18, Fig02, GBG15, GGM<sup>+16</sup>, GVD<sup>+97</sup>, GF97, GBVG<sup>+02</sup>, GZZC10, Had11, HWTP07, HSO04, HA03, HM06, HKM00, HLS<sup>+02</sup>, HYMD11, HHNK<sup>+04</sup>, HHKH<sup>+04</sup>, IKR<sup>+12</sup>, IPTH03, JRG<sup>+22</sup>, JCM<sup>+13</sup>, KAI21, KL06, KMSM11, KL96b, KR95, KSU<sup>+06</sup>, KMA<sup>+18</sup>, KN97, KTF07, KTP<sup>+05b</sup>, LAA<sup>+14</sup>, LPA<sup>+17</sup>, LAB<sup>+17</sup>, LSS<sup>+11</sup>, LJL<sup>+12</sup>, LGO08, LZC<sup>+16</sup>, LLG<sup>+16</sup>, LRM<sup>+02</sup>, LCR<sup>+96</sup>, LGB13, LSM96, MN10, MSRM14, MMHB98, Mar18, MLS01, MCM<sup>+14</sup>, MAK<sup>+16</sup>, MV99, MV01, MBS<sup>+13</sup>, MTD<sup>+18</sup>, Met09, MYL<sup>+98</sup>, MDGF01, NSKG96, NCR<sup>+08</sup>]. **waters** [ÑB04, NMC<sup>+07</sup>, OA11, OW09, PWITH15, PW15, PRC<sup>+09</sup>, Pap05b, PvRR18, PAVGBG02, PHS<sup>+11b</sup>, Pin93, PJ99, PDG<sup>+03</sup>, PdBK<sup>+03</sup>, PRB<sup>+11</sup>, RAT<sup>+13</sup>, RBJW16, RVGF02, SMLP04, SWR<sup>+95</sup>, SCM<sup>+02</sup>, SMB<sup>+93</sup>, SSP14, SLDL93, SRAs<sup>+24</sup>, SSV02, SHH03, SPEPS18, SGA97, SBN<sup>+15</sup>, SVKT20, SGD14b, SSJ<sup>+22</sup>, SAM96, SDLZ13, SB05, TAMTC<sup>+13</sup>, TMH<sup>+08</sup>, TAB<sup>+02</sup>, TB98, TLR<sup>+00</sup>, TLP<sup>+12</sup>, TS10, TRHA01, TDC08, TNBL95, TWPP07, VLK06, VSM17, VMB17, VMGO<sup>+09</sup>, VPS97, WKM<sup>+07a</sup>, WCY05, WS11, WCB98, WYW<sup>+02</sup>, YCN<sup>+10</sup>, YHC<sup>+11</sup>, ZHD<sup>+08</sup>, ZWM12, ZWK<sup>+15</sup>, ZDA<sup>+16</sup>, ZRG16, dLC<sup>+14</sup>, dSSB<sup>+01</sup>, vdLCS<sup>+11</sup>, LSGM02, WKLM15]. **wave** [BOHW22, ERR97, Hen19, JMW<sup>+20</sup>, Joh96, KWT<sup>+16</sup>, MS06b, Pal19, Pap05b, PP20, SDL22, SHA04, SBB<sup>+05</sup>, SFD04, WDFK<sup>+22</sup>, WZZ<sup>+23</sup>, Web19, WCK<sup>+18</sup>, WP17]. **wave-current** [PP20]. **wave-dependent** [SDL22]. **wave-induced** [KWT<sup>+16</sup>, WDFK<sup>+22</sup>, WZZ<sup>+23</sup>, Web19]. **wave-planed** [WCK<sup>+18</sup>]. **waveguide** [GK04]. **Waves** [CK10, ASM06, AHN23, BSS<sup>+02</sup>, BVGE<sup>+06</sup>, CW22, CIMT19, CH19, DBG<sup>+16</sup>, GK04, Hen19, HGM<sup>+11</sup>, Hol06, KVPK20, LH06, MV19, Pap05a, San13, SVKT20, SPD<sup>+11</sup>, WCL22]. **Wax** [PTWM12]. **way** [AS02a]. **WE92** [SSK<sup>+07</sup>, SSK<sup>+05</sup>]. **Weather** [SBG<sup>+03</sup>, BG08, LSH<sup>+24</sup>, PGS14, RBH<sup>+20</sup>]. **web** [ADV<sup>+01</sup>, AM07, COV<sup>+08</sup>, CNOC13, DRD06, DIM<sup>+12</sup>, DGK10, DSN<sup>+20</sup>, EMV09, FHT<sup>+14</sup>, GGH<sup>+00</sup>, HS01, HFK<sup>+02</sup>, HAM<sup>+15</sup>, IBD10, JCF<sup>+06b</sup>, JSM<sup>+16</sup>, KYW20, MD17, NA13, PCP<sup>+17</sup>, SVR<sup>+00</sup>, SAM<sup>+12</sup>, SCSMT20, Thi05, TVL<sup>+00</sup>, VS99, VSR<sup>+00</sup>, WMH<sup>+07</sup>, WWH<sup>+10</sup>, WAV<sup>+12</sup>]. **web-based** [DIM<sup>+12</sup>]. **webs** [AMK<sup>+05</sup>, BFM<sup>+14</sup>, CS20, FTT<sup>+17</sup>, HWCT11, MMTT<sup>+20</sup>, PTO<sup>+16</sup>, PDS<sup>+17</sup>, PDTS08, RJDR06, RWN<sup>+08</sup>, Row13, vOSG<sup>+11</sup>]. **Weddell** [Dia04, HWS<sup>+07</sup>, JR11, TWD<sup>+08</sup>, VSC<sup>+11</sup>, ASMH08, BG08, BN04, CMK<sup>+18</sup>,



CL06, CG04, DFMW13, DAGK<sup>+17</sup>, FHR<sup>+11</sup>, FHvFM08, FMWD07, GMS<sup>+02</sup>, GBH<sup>+17</sup>, GHG<sup>+04</sup>, HNW<sup>+08</sup>, HAGW<sup>+13</sup>, HHW<sup>+08</sup>, HKSv11, Hil04, HdBB<sup>+02</sup>, HSD04, HHR<sup>+08</sup>, IGP<sup>+06</sup>, JTT04, JT07, KDMH18, KGB<sup>+14</sup>, KMM<sup>+08</sup>, KFHR05, LRH<sup>+11</sup>, LBB<sup>+07</sup>, MB07a, MGMP02, McP08, MDT<sup>+08</sup>, MPHf02, RJT11, RVGF02, REWH11, SSMM<sup>+08</sup>, SSHM<sup>+08</sup>, SF99, SHA02, SRDV07, SRH<sup>+11</sup>, SWH08, VVV04b, ZHD<sup>+08</sup>, vHHH<sup>+11</sup>, vdLCS<sup>+11</sup>].  
**Weekly** [CRP<sup>+05</sup>]. **Weibe** [Ano97b]. **Weichselian** [SSR<sup>+14</sup>]. **weight** [BMHR08, GEP<sup>+16</sup>]. **weight-dependent** [BMHR08]. **Weiss** [IFFGL<sup>+04</sup>]. **well** [Joy16, JBÖ<sup>+16</sup>, PWMC01, PFAZL09, RKB18, SSAF02]. **well-mixed** [PWMC01]. **well-preserved** [SSAF02]. **Wellhead** [CDM<sup>+16</sup>]. **WEST** [Ano06f, CHM<sup>+17</sup>, CG21, DHS<sup>+14</sup>, DNR20, DRR17, HNM<sup>+20</sup>, KFS<sup>+17</sup>, LBM<sup>+17</sup>, MS18, NMR10, NRH<sup>+20</sup>, RTM<sup>+20</sup>, RAB<sup>+17</sup>, Rog17, SBBP<sup>+15</sup>, SBC17, VTD<sup>+20</sup>, VM01, Bol08, CKH<sup>+08</sup>, Dal04, DNK<sup>+08</sup>, DK04, Duc08, DEK<sup>+08</sup>, GRWW01, HVVH09, HTA<sup>+17</sup>, JGM09, KB95, KHB<sup>+04</sup>, LWA<sup>+04</sup>, MDH08, MT11, MAR<sup>+15</sup>, MSV<sup>+17</sup>, MS12, MTMH11, MFS<sup>+23</sup>, Pin93, RAL04, RQNO04, RQM<sup>+08</sup>, SSWM18, SG99, SZV<sup>+19</sup>, SK02, TBW<sup>+11</sup>, TWPP07, VMI<sup>+08</sup>, WMB<sup>+08</sup>, WZL<sup>+16</sup>, WNA<sup>+10</sup>, WRS99, ZRC<sup>+11</sup>, ZGGF22, LLR<sup>+06</sup>, LWDH06, VLK06, WLD<sup>+06</sup>, AJR<sup>+15</sup>, BMG<sup>+17</sup>, BMGC09, DKS11, DT08, DFK<sup>+06</sup>, GFK24, GSM<sup>+08</sup>, IYM10, JFK<sup>+10</sup>, JFM<sup>+17</sup>, KKS19, LWL<sup>+24</sup>, LDBS<sup>+17</sup>, LWZ<sup>+23</sup>, LGR<sup>+14</sup>, MCD<sup>+09</sup>, MSJS08, NWZL23, NMR10, PMJW10, PPZ93, PHS<sup>+17b</sup>, SMCA01, SV09, SWLL23, SBS<sup>+08</sup>, SKH10b, TFR<sup>+10</sup>, VJP<sup>+10</sup>, WB09, WGMW10, WNA<sup>+10</sup>, WRBS10].  
**westerly** [ERR97, RMCAR06]. **Western** [BLO<sup>+17</sup>, BLI<sup>+09</sup>, CDT11, FJF<sup>+11</sup>, HDR<sup>+11</sup>, JDBP<sup>+05</sup>, LOA13, LPAR24, MDTS11a, ORFA<sup>+14</sup>, PLD<sup>+17</sup>, PDA<sup>+17</sup>, SS99a, SDGH14, TCJ<sup>+11</sup>, ASMH08, AV97, ACBV<sup>+18</sup>, Ala13, AKH<sup>+02</sup>, ATLD<sup>+20</sup>, ACR<sup>+20</sup>, AHV<sup>+17</sup>, BRCFP23, BFD<sup>+23</sup>, BG08, BMCF97, BLO04, BBN97, Ber24, BS21, BPM18, BCDV02, BSZ99, BLS<sup>+97</sup>, BSW<sup>+13</sup>, BG09b, CSA<sup>+09</sup>, CBCT09, CZP<sup>+08</sup>, CDRA08, CMB<sup>+97</sup>, CWP<sup>+15</sup>, CW97, CCC<sup>+03</sup>, CRR01, CG04, CMTS97, CNM17, CCFL01, CC01, DSB<sup>+18</sup>, DBJ97, DB05, DDB<sup>+97</sup>, EBG<sup>+22</sup>, EMB<sup>+22</sup>, FL02, FHvFM08, FKH13, GP08, GBH<sup>+17</sup>, GDAMS19, GGLP02, GWDP11, GVD<sup>+97</sup>, GNB<sup>+17</sup>, GMC97, GK02, HNW<sup>+08</sup>, HHH<sup>+15</sup>, HOD<sup>+09</sup>, HHH<sup>+93</sup>, HTS<sup>+09</sup>, HHW<sup>+08</sup>, HWCT08, HHP04, HZN<sup>+16</sup>, HPK<sup>+97</sup>, HHR<sup>+08</sup>, INTS02, IIM<sup>+09</sup>, JCP05, JYM<sup>+15</sup>, JLJ<sup>+12</sup>, KM05a, KSH<sup>+09</sup>, KOS<sup>+16</sup>, KNG02, KCA05, KBVM13, KMM<sup>+08</sup>, KYI10a, KHC<sup>+09</sup>, KY17, KTSI07, KSU<sup>+08</sup>].  
**western** [KT02, KNI<sup>+05</sup>, LLD<sup>+17</sup>, LDHI93, LLH<sup>+15</sup>, LSGM02, LIS<sup>+02</sup>, LLK<sup>+09</sup>, LSA14, LRDS18, LLK05, LAT<sup>+18</sup>, MN10, MPH<sup>+95</sup>, MPG<sup>+97</sup>, MGR<sup>+03a</sup>, MDTS11b, MM97, MCPA02, MCSF15, MAK<sup>+16</sup>, MES<sup>+23</sup>, McP08, MPJ<sup>+13</sup>, MSvL17, MDT<sup>+08</sup>, MSS<sup>+02</sup>, MHVM<sup>+08</sup>, MSM10, MR08, MQD06, MBTM97, MST<sup>+14</sup>, MHM<sup>+14</sup>, NHS<sup>+09</sup>, NOT<sup>+09</sup>, NSLAP<sup>+17</sup>, NTF01, NPF<sup>+09</sup>, NTK<sup>+09</sup>, NMWH19, OE06, OYK15, OKY<sup>+17</sup>, OTN16, PAVGBG02, PKA95, PPT<sup>+10</sup>, PBN10, PHDK11, PGK14, PRSS23, PHKW10, RR96, RV00, RMC<sup>+08</sup>, RF99, RHPC<sup>+19</sup>, RHI00, RTM14, RL97, RFLW00, RN96, SSSN19,

STK02, STN<sup>+09</sup>, SiSA<sup>+02</sup>, STF09, SSMM<sup>+08</sup>, SSHM<sup>+08</sup>, SNIT02, SSK<sup>+07</sup>, SDB<sup>+19</sup>, SGA97, SE95, SMS<sup>+08</sup>, SMD08, SFH<sup>+18</sup>, SMSI08, SGM<sup>+14</sup>, SWH08, SYZ<sup>+24</sup>, SAM96, SMSA05, SLB<sup>+15</sup>, SKF<sup>+10</sup>, SFP<sup>+09</sup>, TT05, TRF<sup>+97</sup>, TNIW02, VMB17, VKM13, WT14, WLZ<sup>+19</sup>, WZW<sup>+22</sup>, WTCB09, WYL<sup>+20</sup>].

**western** [WC07a, YWI<sup>+02</sup>, YTF02, YHK15, YWW23, YKO15, YOI<sup>+09</sup>, ZCG<sup>+12</sup>, vWWR<sup>+17</sup>, Ano05b, ANI09, BIP<sup>+02</sup>, BTP<sup>+18</sup>, Bat01, BLBW<sup>+11</sup>, BOB20, BSR<sup>+18</sup>, BCF<sup>+04</sup>, CHG20, CB18, CPS05, DCA09, DBL<sup>+19</sup>, DGS<sup>+05</sup>, ERPF11, ECD<sup>+17</sup>, ECS<sup>+17</sup>, FMZ15, FMFW07, GCS<sup>+12</sup>, GCR<sup>+02</sup>, Gau07, GOM<sup>+09</sup>, GH05, GHS09, HWTP07, HBT<sup>+08</sup>, HZL<sup>+12</sup>, HC05, HM06, HFM<sup>+00</sup>, IBK<sup>+11</sup>, IABR<sup>+17</sup>, KNV<sup>+10</sup>, KMC05, LPA<sup>+17</sup>, LWSA08, LWAS08, LJL<sup>+12</sup>, LFKF<sup>+17</sup>, MSI<sup>+08</sup>, MISC<sup>+02</sup>, MORB<sup>+15</sup>, MJG<sup>+13</sup>, Men23, MM15, MMMC07, PIP<sup>+02</sup>, PDT11a, PKW07, PWP<sup>+05</sup>, RMBG11, RBCG10, SAKP<sup>+22</sup>, SAG<sup>+10</sup>, SSH09, SSK<sup>+05</sup>, ŠHW<sup>+04</sup>, ŠH11b, SABP<sup>+16</sup>, SKW07, SYK<sup>+13</sup>, TCM<sup>+04</sup>, TWD<sup>+08</sup>, VNBW18, VKM<sup>+10</sup>, WGNH15, WAL<sup>+11</sup>, WDC<sup>+15</sup>, WCL<sup>+15b</sup>, YKJ<sup>+15</sup>, ZCP<sup>+08</sup>, TMP<sup>+13</sup>].

**WESTPAC** [ZMYS13]. **Westward** [SWO10, MRC05, RSC07].

**westward-propagating** [MRC05]. **wet** [LT16]. **whale** [ALSF<sup>+17</sup>, AGW<sup>+13</sup>, BJK<sup>+22</sup>, BCKH07, BFS<sup>+17</sup>, BOH<sup>+04</sup>, CdST<sup>+17</sup>, DBL<sup>+19</sup>, DCF<sup>+18</sup>, EF98, ESWL20, ECM<sup>+06</sup>, FRH<sup>+98</sup>, LAP<sup>+17</sup>, MGJ<sup>+18</sup>, MHSV18, OCP18, SSAL<sup>+17</sup>, SRAL<sup>+17</sup>, ŠHW<sup>+04</sup>, ŠH11b, SMB<sup>+98</sup>, SCGB18, TCM<sup>+04</sup>, TSSR20, TMBTS09, ZFP<sup>+16</sup>]. **whale-fall** [ALSF<sup>+17</sup>, SSAL<sup>+17</sup>, TMBTS09]. **Whales** [LCD<sup>+24</sup>, BRG17, BCT21, BEC<sup>+96</sup>, Ber07, COQ<sup>+18</sup>, CBK<sup>+07</sup>, LSHB09, MBG18, MML07, MT98, MSM10, MHM<sup>+14</sup>, OMAA18, PTS17, RHB<sup>+04</sup>, SGB<sup>+08</sup>, SFH<sup>+18</sup>, SMB<sup>+18</sup>].

**Where** [BBG15, BY09, BCBB12]. **Whirl** [HKM00, WWS02]. **whisker** [GHM18]. **white** [MDC<sup>+10</sup>, RAT<sup>+13</sup>]. **white-beaked** [RAT<sup>+13</sup>]. **Whittard** [MTM<sup>+13</sup>]. **whole** [DVC14, SBL<sup>+18</sup>]. **Wicksten** [SR08b]. **Wide** [STM04a, STM04b, ATI<sup>+23</sup>, DLL<sup>+15</sup>, MW05b, XSL<sup>+17</sup>]. **widely** [KGB<sup>+14</sup>].

**Widening** [RJB<sup>+04</sup>]. **Widespread** [KDSR19]. **wild** [WWB04]. **wildlife** [EBM<sup>+18</sup>]. **Wilkes** [EWA<sup>+03a</sup>, EWA<sup>+03b</sup>, BCA<sup>+03</sup>, DBD03, DBDT03, WLR<sup>+00</sup>]. **William** [Cam18, CBA<sup>+05</sup>, GKR<sup>+18</sup>, LB18, LMH<sup>+18</sup>, MC18b, MOA<sup>+18</sup>, SNMH18].

**Williams** [Ano97c, DCBS98]. **williamsae** [KMA<sup>+18</sup>]. **Wind** [LDG94, VLSS<sup>+04</sup>, AGGdC14, AAG19, BV98, DBG<sup>+16</sup>, DRVVS<sup>+14</sup>, DDLK06, DKI<sup>+00</sup>, ERR97, FLLGR04, HH05, HWL06, HNB<sup>+13</sup>, KKD06, LLR<sup>+06</sup>, LCD01, LPM<sup>+19</sup>, LDW22, MBNB<sup>+08</sup>, NI10, NR00, OACA19, PN93, PPL<sup>+19</sup>, PF06, RMCAR06, SCL<sup>+04</sup>, SP19a, SRW<sup>+10</sup>, SSSC19, SGW<sup>+15</sup>, WLD<sup>+06</sup>, YAOW05, Ano06f]. **wind-driven** [LLR<sup>+06</sup>, LPM<sup>+19</sup>, MBNB<sup>+08</sup>, NR00]. **wind-energy** [HWL06]. **wind-event** [DRVVS<sup>+14</sup>]. **wind-forced** [PPL<sup>+19</sup>]. **Wind-induced** [VLSS<sup>+04</sup>].

**wind-stress** [AAG19, KKD06, YAOW05]. **Winds** [MS01, AVS<sup>+20</sup>, BLD<sup>+06</sup>, KB99, LC16, LCS16, LWL<sup>+24</sup>, LPPK14, PBS06, RAC<sup>+20</sup>, SF11, SMH<sup>+11</sup>, ZG15]. **Winners** [LWJR22]. **Winter** [AHB<sup>+17</sup>, ARW<sup>+04</sup>, BFH<sup>+11</sup>, BCF<sup>+04</sup>, GBP21, KHB<sup>+04</sup>, PEC<sup>+04</sup>,

SLC<sup>+20</sup>, SP19b, SBS<sup>+02</sup>, TT01, ZZM<sup>+13</sup>, ZNPR09, ADG<sup>+08</sup>, BSM01a, CRF04, CMB02, DNM<sup>+16</sup>, DJFK<sup>+22</sup>, DC06, ERPF11, FGW02, FMS08, GKR<sup>+18</sup>, GSdS<sup>+14</sup>, HLL<sup>+10</sup>, HMS<sup>+13</sup>, HAGW<sup>+13</sup>, HH20, HHX<sup>+10</sup>, HZN<sup>+16</sup>, HPS<sup>+11</sup>, JH04, KSM<sup>+11</sup>, LCD01, LTW<sup>+11</sup>, LHZ<sup>+16</sup>, LPM<sup>+15</sup>, MBHP99, MCBC08, MNG<sup>+11</sup>, MBC<sup>+20</sup>, NSY04, NVK<sup>+04</sup>, OVKN11, PF02, PMLM<sup>+02</sup>, PWP<sup>+05</sup>, PMM<sup>+16</sup>, PFX<sup>+02</sup>, RCF<sup>+08</sup>, RBO07, RQNO04, RFHL99, SCGDU09, SvdMC<sup>+16</sup>, Sco05, SMP<sup>+15</sup>, SKF<sup>+10</sup>, Tho24, TMT<sup>+11</sup>, THT11, TML<sup>+16</sup>, UWvdE<sup>+16</sup>, VMF<sup>+16</sup>, WSE<sup>+16</sup>, WMP<sup>+11</sup>, YH10, ZZP04]. **winter-early** [OVKN11]. **winter-spring** [MNG<sup>+11</sup>, UWvdE<sup>+16</sup>]. **winter-transformed** [PWP<sup>+05</sup>]. **winter/spring** [DC06, PFX<sup>+02</sup>, SvdMC<sup>+16</sup>]. **wintering** [SMB<sup>+18</sup>]. **Wintertime** [KFJ<sup>+05</sup>, WB03, ST13, WMM02]. **WIOURI** [RT20]. **wise** [BRJM18]. **within** [BPKJ15, BHSJ16, BNFS01, BAR<sup>+02</sup>, CAS<sup>+97</sup>, CCW<sup>+08</sup>, DNM<sup>+16</sup>, DCF<sup>+18</sup>, FRBB10, GGI03, GK16, HA10, HO99, JLY<sup>+16</sup>, JTDG13, KFG<sup>+03</sup>, KCMA05, KRW03, KGB16, KCO<sup>+19</sup>, LVJC17, LPA<sup>+17</sup>, LAB<sup>+17</sup>, LDHO<sup>+14</sup>, LGF03, LGML00, LMKL09, MBNB<sup>+08</sup>, MASVB<sup>+19</sup>, MRL01, MR01, NS93, NSKG96, NRSL17, NOFP14, NSMBN08, NMWH19, PSE<sup>+93</sup>, RMBW07, RLVF02, RJWD01, SLDL93, SSHB03, SBA<sup>+20</sup>, Sor99, SGD<sup>+03</sup>, SAL95, VKGQ<sup>+09</sup>, VMM<sup>+08</sup>, VVV04b, VMI<sup>+08</sup>, VD98, WDM<sup>+05</sup>, Wit00]. **WOCE** [BTRL99, FM03c, SWCB02, WSFB02]. **WOCE-SVP** [BTRL99]. **WOD** [CMR<sup>+18</sup>]. **wollastoni** [ROS<sup>+17</sup>]. **Wood** [SBBP<sup>+15</sup>, ACD<sup>+17</sup>, BPKJ15, KB15, NMS09]. **Wood-associated** [SBBP<sup>+15</sup>, BPKJ15]. **Woodfall** [Sig17]. **Woodward** [Ano97c]. **work** [OAH<sup>+16</sup>, ROY13, Ver13]. **works** [Row13]. **Workshop** [Ano05c, WHLR13]. **world** [BSCR11, LKLK17, Aar03, HWL06, MDGF01, NP03, RDP<sup>+02</sup>, CMR<sup>+18</sup>]. **worldwide** [NCSO13]. **worm** [BAKF03, DCA<sup>+98</sup>, PGC<sup>+11</sup>]. **worms** [ALSF<sup>+17</sup>, APT11, BTM<sup>+98</sup>, ELG<sup>+22a</sup>, ELG<sup>+22b</sup>, MA13, MA18b, QNL<sup>+16</sup>]. **wrong** [BHS<sup>+10</sup>].

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

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

DPK<sup>+14</sup>, DKP<sup>+14</sup>, DZY<sup>+01</sup>, DFA<sup>+20</sup>, Fir96, FMH<sup>+02</sup>, GNT<sup>+17</sup>, GSB<sup>+03</sup>, IOTS16, IPLCHMR19, JBÖ<sup>+16</sup>, LTF<sup>+19</sup>, LJHAA19, LM13, LPM<sup>+19</sup>, LMH<sup>+18</sup>, LZZ<sup>+16</sup>, LBJ<sup>+13</sup>, MRB<sup>+14</sup>, MLH14, MTG18, NCR<sup>+08</sup>, PDK<sup>+14</sup>, PdBK<sup>+03</sup>, RRL<sup>+14</sup>, RMD<sup>+12</sup>, RLPF07, Sag18, SRY04, SSK<sup>+05</sup>, SSK<sup>+07</sup>, SKM<sup>+12</sup>, SDK<sup>+16</sup>, SGM<sup>+14</sup>, SFB16, YSBH06]. **Yelkouan** [POI17]. **Yellow** [LYN<sup>+13</sup>, LS10, NLY<sup>+13</sup>, SFW<sup>+13</sup>, SFZ<sup>+13</sup>, AIW03, GZZC10, HZZ10, JZX10, JLR<sup>+13</sup>, LHZJ13, LXS<sup>+13</sup>, RZL<sup>+10</sup>, SZG<sup>+13</sup>, SLZ<sup>+16</sup>, SDLZ13, SHY10, TSZ10, TSZT13, WWH<sup>+10</sup>, WSLP10, WYT19, YKSI19, YH10, ZSKL19, ZQW19, ZXLL10, ZZX<sup>+13</sup>, ZXH<sup>+13</sup>]. **yellowfin** [BSN<sup>+15</sup>, DABMAMA04, DWM<sup>+15</sup>, DKP<sup>+17</sup>, HHMF11, LCW20, LGP<sup>+15</sup>, WLT20]. **Yemen** [DDB<sup>+97</sup>]. **yield** [HWN<sup>+04</sup>, SS01, ZSKL19]. **yields** [Ake19, MTBB00, VMBS03]. **yongei** [SI09]. **York** [RGS<sup>+15</sup>]. **Yoron** [DAN23]. **young** [GK16, LCH<sup>+09</sup>, NMWH19, SLLT10, vAvVV<sup>+03</sup>]. **young-of-the-year** [GK16]. **young-of-the-year** [SLLT10]. **Yukon** [ARWM13, MHG<sup>+17</sup>, NAT<sup>+12</sup>]. **Yutu** [CW22].

**Zealand** [MMSS14, OM98, SRHP23]. **zeehaani** [DWG<sup>+15</sup>]. **Zemlya** [SEN<sup>+95</sup>]. **Zenk** [BLS05]. **zero** [CP02, SOW01, vdLCS<sup>+11</sup>]. **zero-age** [CP02]. **zero-dimensional** [SOW01]. **Zhongjiannan** [CSG<sup>+15</sup>]. **Zhujiang** [ZZY<sup>+19</sup>]. **zinc** [BC11, CWTJ03, CBS11, LSC02]. **Ziphiidae** [IATK17]. **Zn** [NOT<sup>+09</sup>, NEN<sup>+07</sup>]. **Zonal** [AMP<sup>+03</sup>, BPD<sup>+11</sup>, LOA15, YTF02, ZW23, BHLS15, LBD<sup>+02</sup>, MHFM15, SBG05, SSUB15]. **zonally** [SF11]. **zonation** [GPC<sup>+04</sup>, KCM<sup>+14</sup>, PLR02, WR09]. **Zone** [CLJ<sup>+13</sup>, CLB13, FVW08, GLMB18, HLL<sup>+09</sup>, JFC18, KJB<sup>+08</sup>, KMD<sup>+01</sup>, LAJP13, MSW<sup>+13</sup>, MMC11b, PBB<sup>+13</sup>, AT10, Ano95b, BRM18, BRJM18, BSJ13, BTD11, BLW<sup>+09</sup>, BBT<sup>+18</sup>, BES95, BOP95, CC13, CLH<sup>+00</sup>, CL09, Cri95, CHSVB<sup>+19</sup>, DAKR20, DLR<sup>+01</sup>, DSN<sup>+10</sup>, DGN<sup>+17</sup>, DJS<sup>+08</sup>, EHK09, FGW02, FDC<sup>+18</sup>, FSGV<sup>+09</sup>, GMT<sup>+09</sup>, GPC<sup>+04</sup>, GG95, GLK<sup>+06a</sup>, GLK<sup>+06b</sup>, GQ09, GBLS00, GW98, HDD<sup>+11</sup>, HFD<sup>+23</sup>, HYK<sup>+02</sup>, HK08, IIM02, JLTD11, JDD<sup>+11</sup>, JLY<sup>+16</sup>, JCPC09, JFM<sup>+17</sup>, JVL<sup>+16</sup>, Kam18, KGS23, KPBK08, KSS00a, LBV<sup>+08</sup>, LJHAA19, LAGK<sup>+18</sup>, LGML00, LWM<sup>+09</sup>, LL00, LAMLB18, MASVB<sup>+19</sup>, MMWM00, MF09, MCS<sup>+99</sup>, MFM<sup>+18</sup>, Mun14, Mun16, MWB95, MMM<sup>+00</sup>, MPB<sup>+18</sup>, NC97, PPA10, PRC<sup>+09</sup>, PBS06, PHS17a, PWD<sup>+11</sup>, PHD<sup>+18</sup>, PKZ<sup>+19</sup>, QSA<sup>+09</sup>, RHB<sup>+95</sup>, RSA<sup>+10</sup>, RQM<sup>+08</sup>, RQG18, SRHP23, SBL<sup>+07</sup>, SWL<sup>+18</sup>, SWC09, SLA<sup>+01</sup>, SPF10, SMBM00, SRF95]. **zone** [SW00, SLH<sup>+00</sup>, SESS08, SRS11, STS11, TRH<sup>+08</sup>, TOSH08, TLF97, Thu98, TPGCCS<sup>+02</sup>, TLP<sup>+12</sup>, THT11, TKF16, UP09, VJP<sup>+10</sup>, VCSM09, VKGQ<sup>+09</sup>, VMI<sup>+08</sup>, WLP<sup>+09</sup>, WSE<sup>+16</sup>, WPW95, WNRM08, WSB08, WMA11, WvdE00, YCD<sup>+06</sup>, ZDW<sup>+20</sup>, ZFA<sup>+02</sup>, ARLB00, ARNB01, AF01, Ano06b, BFB<sup>+18</sup>, CMG<sup>+11</sup>, CSP05, CA06b, CSGV13, CSCP13, DEJ08, DYEJ08, DAB<sup>+18</sup>, DHST13, EQW<sup>+13</sup>, FBCN00, HRM<sup>+11</sup>, HPM02, JDD<sup>+11</sup>, KMB11, LAC<sup>+09</sup>, LS18, PAR<sup>+08</sup>, PDT<sup>+11b</sup>, PHD<sup>+11</sup>, RKB18, RHPC<sup>+19</sup>, SLB18, SWL<sup>+18</sup>, SAM<sup>+13</sup>, TLK<sup>+02</sup>, dSEDW11]. **Zone** [?]ElephantSelph:2013:PDS. **zones** [DSJ<sup>+11</sup>, FSK<sup>+02</sup>, FG97, KHL<sup>+15</sup>, MNV<sup>+20</sup>, PNC<sup>+06</sup>, Sei13, SVS<sup>+20</sup>, SFMG13, TTDR13, TS13, VMAW12, WOM<sup>+16</sup>, BGDT11, CEG<sup>+11</sup>, DPS<sup>+11</sup>, ETDB11, WGWW11]. **zoobenthic** [Gut06].

**zoogeographical** [Hil94, Hil04]. **zoogeography** [MB07b, SMB<sup>+</sup>17]. **zooplankters** [MCCM<sup>+</sup>98]. **Zooplankton** [CAH<sup>+</sup>09, CTCD05, CTBNL08, CLB13, CPEN08, EBS99, EHK09, HMC09, HLS<sup>+</sup>02, HKP10, LDHO<sup>+</sup>14, LPMS09, MTGY05, MHS01, MWK<sup>+</sup>20, PF04a, PF04b, PMGH01, PBD<sup>+</sup>02, PZT<sup>+</sup>19, RDG<sup>+</sup>95, SHY10, WSE<sup>+</sup>16, WOU06, vC97, AML01, AS02a, Arm03, AGAB19, ARW<sup>+</sup>04, ADGA05, ADGA06, ADG<sup>+</sup>08, BES11, BW04, BEC<sup>+</sup>96, BWS<sup>+</sup>98, BSKD<sup>+</sup>07, BWVG98, BL06, BD06, BOJ<sup>+</sup>10, CSM<sup>+</sup>13a, CBJ<sup>+</sup>23, CP05, DYEJ08, DBR22, DTP<sup>+</sup>05, ENM<sup>+</sup>14, ENM<sup>+</sup>16, FLLGR04, FLTV04, FWS94, GRWW01, GLF<sup>+</sup>03, GWP<sup>+</sup>98b, GWP<sup>+</sup>98a, HHH01, HCWW01, HS07, Hug14, JOD98, JSM<sup>+</sup>16, JKP<sup>+</sup>17, KYS94, KAM<sup>+</sup>20, KW00, LWA<sup>+</sup>04, LR97, LOFC00, MPZ04, MDTS11a, MDTS11b, MC09, MBMM<sup>+</sup>99, MTE<sup>+</sup>02, MC18b, MCH22, MGC<sup>+</sup>14, MARFP08, NBB<sup>+</sup>02, NDG96, NED09, OYM<sup>+</sup>13, PE17, PO15, ROPB03, RMB05, RWRS08, RHB<sup>+</sup>95, RDLZ02, RQM<sup>+</sup>08, SSMM<sup>+</sup>08, SRB<sup>+</sup>11, SRP<sup>+</sup>98, SHR02]. **zooplankton** [SHM<sup>+</sup>20, SNFK20, SBE<sup>+</sup>99, SBSW07, SM96b, SCPP05, TRH<sup>+</sup>08, TB05, TDKA05, VALM17, WH01a, WGR<sup>+</sup>95, WZW<sup>+</sup>95, WSSN10, WSB08, YXC<sup>+</sup>19, YSHS08, YLK<sup>+</sup>15, ZTZB09, ZTZ09, Zim09, TDKA05]. **zooplanktonic** [LSUB94]. **ZooScan** [LDHO<sup>+</sup>14]. **Zr** [CRS<sup>+</sup>19]. **Zr/Hf** [CRS<sup>+</sup>19]. **Zunongwangia** [LZS<sup>+</sup>18]. **Zygochlamys** [SGB14].

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