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## Title word cross-reference

**$19.00** [Hof81]. **$300.00** [Ang79a]. **$52.00** [Hof81]. **$84.00** [Ang80]. > [DGMM85]. 1 [Tho77]. 13 [CGC+20, OMK+22, PRL+18, SKH+23, WRS+92]. 134 [IHT+21]. 137 [AFH+11, KKS+03, PAF+11, SCMAR+99, SCLG+11, TAH+11]. 14 [OE65, PRL+18, SBK+95, WRS+92]. 15 [CGC+20, CSC+12, OMK+22, SKH+23, WRS+92]. 15$N$ [GSVB23]. 18 [BSF95, LCJ+17]. 210 [KKS+03, MSL+07, SCMAR+99]. 222 [Gam14]. 227 [LvBS+24]. 228 [IHT+21]. 230 [DTKvH15, ST65]. 231 [DTKvH15]. 234 [AYK+05, HPZC21, ST65]. 238 [AYK+05]. 3 [SBK+95]. 39 [SBK+95]. 2 [AEPW93, BSF95, BK19, BF01, CKP+20, CPG+18, CKM+21, CVBG21, CFG07, CF12, CMF15, DCD+23, EFC+23, EHSI12, FGS+15, FC07, GCB+22, GDSCU09, GSF+15, GLLB22, HSS+12, LL97, LM00, LGZ+20, lLdZQ+22, LGG18, MKOLA20, OYKK+23, OKdA+19, PPKR14, RCGC+16, RVS+21, SPK+19, TŠT+17, TAM+15, VSA+21, WD94, WNNI21, WBA+22, WST+16, YMI88, ZCD08, ZDG+21, ZKK+16]. 37 [STHM02]. 6 [MRO+08]. 86

[SBH+14]. $a$ [RBR+23]. $\alpha$ [KKKS14, SCCJ+18, WPB+08]. $\approx$ [BM07, CPNL07, CFG07, GMAB07, MSV+14, ZHSMM14]. $\approx 150$ [SLG+12]. $\beta$ [KKKS14, WPB+08]. $\Delta$ [PRL+18, CGC+20, CSC+12, GSVB23, LCJ+17, OMK+22, SKH+23, WPB+08]. $f$ [EFC+23, GDSCU09]. $\gamma$ [WPB+08]. $K_1$ [AK97, CGW+22, DJ92]. $M_2$ [CGW+22, DJ92]. $n$ [SOH21]. $N_2$ [DJ92]. $O_1$ [DJ92]. $\omega$ [SCCJ+18]. $p$ [LGG18, ZDG+21]. $S_2$ [DJ92]. $\times$ [Ang79a, Hof81]. $x$ [RCGC+16].

***** [WNNI21].

**-alkanes** [SOH21]. **-dicarboxylic** [SCCJ+18]. **-oxoacids** [SCCJ+18]. **-unsaturated** [WPB+08].

**/U** [ST65].

**0** [Ang79a, Ang88, SW81]. **0-08-020919-X** [Hof81]. **0-08-021953-5** [Ang79a]. **0-08-022960-3** [SW81]. **0-08-026248-1** [Bak83]. **0-08-036649-X** [Ang88]. **0-group** [SEG+22b]. **00039-3** [SDS22a]. **000m** [DGMM85]. **02** [NBR+08]. **08**$^o$ [MM80].

**1**
[CPB+15, CNSHT15, GAM98a, MFS+07, MR03, SFMT12, SJ02c, VOJD02a]. **1-D** [CNSHT15]. **1.4** [SKWWGV18]. **1.4-REcoM2** [SKWWGV18]. **10** [AdAK+18]. **10-year** [HFO+22]. **1000m** [Lev88, OT19]. **123** [ÁBMÁS15]. **130** [GFB+15b]. **141pp** [Ang88]. **143** [MFS+16a]. **150**$^o$ [AMY+23]. **155**$^o$ [YMA+17]. **158**$^o$ [HBH+17]. **159** [Kru19]. **16th** [FJhT+14]. **170**$^o$ [MRRC73]. **173** [FDH20]. **175** [RBS+20]. **176** [BJMP20]. **18-year** [LGZ+20]. **180** [KMF+20a, MHS+20a]. **182** [JLP+20a]. **1920s** [Dri06]. **1926/1927** [WMWR08]. **1930s** [Dri06]. **1958** [McG64]. **1965** [Ano65i]. **1970s** [SKH00]. **1976/77** [WXH07]. **1979** [FHP83]. **1980s** [FMW91, GDM+15, MBB+96, SBK+95, SKSK06, TKWI08]. **1982/83** [LBH+87]. **1984** [MN88]. **1986** [YJW88]. **1987** [KDB95]. **1988/89** [WXH07]. **1990** [STB+92]. **1990s** [INI+17, JSKM02, RKM+07, SiSI+02, Smi05]. **1991** [PGC+96, RAP95]. **1992/1995** [KF11]. **1994** [HFW+98, KTB+99]. **1995** [GCZ+00, GSPMAI99, KTB+99]. **1998** [Ano98c, Ano98b, Ano98a, Ano98d, Ano98e, JRW01]. **1998/1999** [IIS+17]. **1998/99** [Min02]. **1999** [Ano99c, Ano99e, Ano99b, Ano99d].

**2** [Ano65i, Ano09h, GAM98b, MSF+07, SFMT14, SJ02b, VOJD02b]. **20-year** [CMG15]. **2000** [Ano00e, Ano00g, Ano00d, Ano00a, Ano00b, Ano00c, Ano00h]. **2000s** [GDM+15]. **2002** [Ano02a, Ano02b, Ano02c, Ano22-33]. **2003** [Ano03f, Ano03e, Ano03c, Ano03a, Ano03d, Ano03b]. **2003/2004** [KF11]. **2004** [Ano04b, Ano04f, Ano04c, Ano04d, Ano04g, Ano04e, HBV+10]. **2005**

[Ano05a, Ano05d, Ano05c, Ano05b]. **2006**
[Ano06c, Ano06a, Ano06d, Ano06b]. **2007** [Ano07n, Ano07q, Ano07k, Ano07m, Ano07o, Ano07r, Ano07l, Ano07p, KMU+12, LM10]. **2008** [Ano08p, Ano08r, Ano08s, Ano08o, Ano08n, Ano08u, Ano08w, Ano08q, Ano08t, Ano08v, MHA+11]. **2009**
[Ano09m, Ano09i, Ano09j, Ano09k, Ano09l, Ano22-27, Rud15]. **2010**
[Ano10k, Ano10l, Ano10m]. **2011**
[Ano11i, Ano11h, Ano11g, Ano11j, Ano22-28]. **2012**
[Ano12m, Ano12n, Ano12p, Ano12o, Ano12l, Ano12k]. **2013**
[Ano13n, Ano13l, Ano13p, Ano13m, Ano13o, Ano22-31]. **2014**
[Ano14m, Ano14p, Ano14q, Ano14n, Ano14r, Ano14o, Ano14l]. **2015**
[Ano15n, Ano15o, Ano15m, Ano15r, Ano15p, Ano15q, GMDD+22b, MPD+22]. **2016** [Ano16t, Ano16o, Ano16n, Ano16p, Ano16m, Ano16q, Ano16k, Ano16l, Ano16s, Ano16r]. **2017**
[Ano17r, Ano17n, Ano17o, Ano17m, Ano17q, Ano17s, Ano17l, Ano17p]. **2018**
[Ano18j, Ano18k, Ano18m, Ano18n, Ano18l, Ano22-29, Ano22-32, CBB+19, CBB+22b]. **2018/2019** [MST+23a, SSN23]. **2019** [Ano19a, Ano19j, Ano19n, Ano19m, Ano19k, Ano19l, Ano19p, Ano22-30, FBB+21, MPTMK22]. **2020**
[Ano20a, Ano20b, Ano20m, Ano20n, Ano20p, Ano20o, Ano20r, Ano20s, Ano20t]. **2021** [Ano21b, Ano21a, Ano21c, Ano21n, Ano21o, Ano21q, Ano21p, Ano21s, Ano21t]. **2022** [Ano22b, Ano22a, Ano22c, Ano22u, Ano22v, Ano22x, Ano22w, Ano22z, Ano22-34]. **2023** [Ano23b, Ano23a, Ano23c, Ano23n, Ano23o, Ano23q, Ano23p, Ano23r, Ano23s, Ano23t]. **2024**
[Ano24d, Ano24e, Ano24f]. **20**$^o$ [JG07]. **20th** [HMH07]. **212-layer** [MY92]. **21**$^o$ [BHC+18]. **21st** [DML+16, MWS+10, TLP+16]. **22-year** [HGBG20]. **22**$^o$ [FMSBW13, dSPF+23]. **234/uranium** [KG65]. **23**$^o$
[BM76, CBB+02, VSGC21, dSPF+23]. **24.5N** [HGPFN+14]. **24**$^o$ [BHC+18]. **25-year** [MAH+15]. **25**$^o$ [BDBJ01]. **26**$^o$ [MSJ+15]. **27**$^o$ [MM80]. **29** [CBB+22b]. **2nd** [Bak83].

**3** [BHH+16, MMR+09, SW81, SW01, XRC+15]. **3-D**
[BHH+16, MMR+09, SW01, XRC+15]. **30-year** [AUE+14]. **3000m** [YNMY23]. **30**$^o$ [Ang79b, BM76, HGT16, HGTP+19, RKFD07]. **30m** [AMEV07]. **31** [Ano94c]. **31**$^o$ [AAM+14]. **32**$^o$ [APHGC+22, MBKS08]. **33**$^o$ [FMSBW13, MCGS+16]. **36.5**$^o$ [FC07]. **36**$^o$
[BM07, CPNL07, CFG07, GMAB07, HYM+12, MSL+07, MDL+12, SLG+12]. **38**$^o$ [SJM+19]. **3D** [ASR+20, AUE+14, MRM+14, SNS+22]. **3rd** [PBH+10].

**4-dimensional** [MAB+11c, MAB+11a, MAB+11b]. **40**$^o$ [CF12, EM12]. **41** [BLAM00]. **41CP** [KSK21]. **42**$^o$ [MSV+14, ZHSMM14]. **44.7**$^o$ [PSP+21]. **44**$^o$ [GMAGH+17]. **46**$^o$ [MCGS+16, SJM+19]. **47**$^o$ [QOS+22]. **4822m** [RLT+22]. **48**$^o$ [HM98, PMA+14, PTPY+23, RBL+19, WBH15]. **49** [HHW22]. **4Concepción** [SSL07]. **4D** [GAM98a, GAM98b, GA00, MZGA+20, WSO01]. **4D-Var** [MZGA+20]. **4D-variational** [GAM98a, GAM98b, GA00].

**5** [Ang79a]. **50-year** [CLdPHL23]. **50**$^{o}$ [BPP$^{+}$98, GMAGH$^{+}$17, GBC$^{+}$00, GCD$^{+}$13, HM98, Hen85, JTD$^{+}$14, vWHdS$^{+}$98, CBB$^{+}$02, RKFD07]. **51**$^{o}$ [PTPY$^{+}$23]. **52**$^{o}$ [STPHM$^{+}$23]. **53** [SDS22a]. **54**$^{o}$ [QOS$^{+}$22]. **56** [RG03a]. **56**$^{o}$ [PMA$^{+}$14, TSRF14]. **58** [Fei04]. **59** [VHK04].

**'60** [Fug63]. **60**$^{o}$ [SAA$^{+}$15]. **648pp** [Bak83]. **66**$^{o}$ [CMJPH$^{+}$18]. **69** [WF07].

**7.5N** [HGPFN$^{+}$14]. **70** [RLSF07]. **71** [SHC$^{+}$07]. **73** [Yas07b]. **76** [Ano94k]. **79** [SE09].

**80** [VH09a]. **87** [KN11].

**9-year** [AT07]. **91** [Rea00, dMGS$^{+}$11b].

= [AHRT90].

**A10** [KMWF11]. **A2** [LSS$^{+}$10, SYB$^{+}$15]. **A204** [Ano94j]. **A209** [Ano94j]. **A219** [Ano94j]. **aanderaa** [Dah69]. **abdominalis** [HTG15]. **abiotic** [GBT$^{+}$19]. **ablation** [LDHW20]. **absolute** [DPCS87, Emi65, Nee85]. **absorption** [HOY$^{+}$21a, KM08, SPWH21]. **Abundance** [BM07, EKB06, FBT$^{+}$22, KOT$^{+}$21, PSL87, STW$^{+}$15, SPB93, Ver91, ADV$^{+}$18, BMO12, BLI$^{+}$99, BM01, BCGN$^{+}$18, BPP$^{+}$98, BMG$^{+}$21a, BGWP$^{+}$17, CMF11, Cra09, CCW$^{+}$18, DDE$^{+}$95, DBR03, DAU22, DPM$^{+}$09, DBM17, DBR20, ECGP01, EBS$^{+}$18, EHG$^{+}$12, FELJ16, FGGDF$^{+}$04, FBM$^{+}$08, GFGGD$^{+}$23, GGAA$^{+}$23, HL05, HCAFD$^{+}$20, HLSX22, IIS$^{+}$17, IAFD02, JTQ$^{+}$18, JMZ23, LCGH07, MVN$^{+}$15, MCG$^{+}$02, MPSD15, MSA$^{+}$22, MWFH02, MMPG07, Nag01, NMLBCM$^{+}$01, PL87, PLHLF05, PCH08a, Reb02, SGL$^{+}$18, SCC$^{+}$19, SDH$^{+}$14, SAB$^{+}$21, TB15, THP21, VDDA$^{+}$08, VR03, WMB$^{+}$21, Whe06, XWL$^{+}$18, XYL$^{+}$22, YMA$^{+}$17, YNMY23, YPGE$^{+}$10, ZLS$^{+}$04]. **abundances** [CLX$^{+}$20, KYS$^{+}$17, MA12]. **Abundant** [ZBY$^{+}$22]. **Abyssal** [BBR$^{+}$01, BKD$^{+}$20, BGS$^{+}$04, DBJ$^{+}$15, HBD$^{+}$21, HCV$^{+}$20, IBW$^{+}$01, NRA$^{+}$21, RBL90, SBG16, Thu90, VSC01, VDP$^{+}$01, WDK$^{+}$01, dJSL$^{+}$20, AP20, BBRM20, BC01, CES$^{+}$19, CBL$^{+}$19, DBR20, GSV$^{+}$01, GA01, GHSC19, Hau18, HGTP$^{+}$19, HTV$^{+}$20, JZ19, JSLA$^{+}$21, JPBB20, KO19, KRHS14, LMPB$^{+}$16, LBK$^{+}$01, MDR20, QLY$^{+}$22, RMG90, RMB$^{+}$01, SSKA19, SLBH$^{+}$19, TDL$^{+}$17, VCSG$^{+}$01, VPW01, WHBW03, XWL$^{+}$22]. **Ac** [LvBS$^{+}$24]. **Acartia** [BD20, SJJ$^{+}$03]. **ACC** [LI10]. **acceleration** [HHWW20]. **acceptors** [MBCB88]. **access** [dlHRA$^{+}$18]. **Accomplishments** [WHG$^{+}$16]. **according** [MBCB88]. **accounting** [ARDP14, MCH$^{+}$12]. **accretionary** [JFG$^{+}$90]. **accumulated** [SL13]. **Accumulation** [CJRÁ$^{+}$13, CFC$^{+}$18, CBD$^{+}$24, LCJ$^{+}$07, MDB$^{+}$20, PAF$^{+}$11, SCMAR$^{+}$99, TRLA$^{+}$13, Tur65, Whe93, vWHdS$^{+}$98, vWdSBdH02]. **accuracy** [SSM$^{+}$18, TSG$^{+}$04]. **accurate** [McD81a]. **achaeta** [GS19]. **achievements** [PV18, VBL$^{+}$21]. **acid**

[CSG+15, CDP14, GVKD+13, HMPZ11, KSG+17, LSV14, PAG+18, PPHM18, RBPGJ+20, TSRF14, TRP+23, VKJ+23, WOW+14, YGL+10].
**acidification** [AFBT+22, BHK+16, CKP+20, JCM+21, JCF+23, KBHML17, MCL+15, OHH+22, SPK+19]. **acidity** [GCV+24]. **acids** [BPP+98, GSVB23, GGA+05, KO19, MRBS+24, MFDH22, SBC+16, SCCJ+18, WPB+08].
**acknowledgement** [Ano08y]. **Acoustic**
[BLR+23b, BCLD+17, CS16, GIC20, ON22, BBLD+11, BPSN+21, CBB+15, DHD+23, DEW+97, FRV+19, MIN+20, PBBH+22, PO15, UPPS+21].
**acoustically** [ZBLF23]. **acoustically-tracked** [ZBLF23]. **acoustics**
[ATC+19, BOG20]. **acquisition** [BK19]. **Across**
[HFW+98, ABSDC07, BAM+09, BGB+08, BWB+09, BBL+18, BGWP+17, CLV+19, CMJPH+18, CLY22, CS06, CP07, FWH+17, FLdST98, FMCG15, FJH10, FWL+15, GDM+20, GIC20, GHC+17, GLAHH+22, GGAA+23, GHG+24, GRdSS+22, HTG15, HFPS+06, HLTB+17, JTD+14, JLRB20, JSKM02, JMZ23, KHM+88, LSV14, LGR+02, LLGS21, LBC+15, LB14, LHEB98, LvIKB07, MCD+14, MRBS+24, MPB+23, MTL05, MVBC+21, NRA+21, OHC+17, OCH+18, ORMR+19, PCSMC12, PLEF+23, PO15, RBL+19, SW01, SSV+11, TOKLC08, VVV21, VDDA+08, VKGP+13, XWW+21, YGMR+23, ZMW+23, dLLdAWL+23]. **across-** [PCSMC12].
**Across-slope** [HFW+98]. **Acta** [Ang86]. **Actiniaria** [vPRT90].
**Actinopterygii** [SM21]. **action** [IST+88]. **actions** [CBB+22b]. **Active**
[SLBVRR+22, GSA+20, Kit03, PCC+19, VWDF14, YYK88]. **activities**
[BTG+03, GGQ07, NCC+15, OvdSN94, RMB+01, XHW+20]. **activity**
[BMNW01, CPB+15, CM14a, CED09, DLM+96, ECGP01, FPS+09, GASV+09, GGPG+19, IPG+16, LKDL14, LvBS+24, LS12, MKHO96, MCGS+16, PS98, PRA+18, PBD+88, RBS+09, SAM+04, SS03, VDDA+08, ZHSMM14].
**actuelle** [Ber65c]. **acuminata** [DRVMC+22, PMMN+22]. **adaptation**
[ÁLC22]. **Adaptations** [Sma10a, Sma10b, KV18, THBA19, VJJ+22].
**Adaptive** [PVC+08, Sma10a]. **ADCP** [ADS+22, BPC+05]. **addition**
[BPA+21, TRP+23]. **Additional** [MTL05]. **Aden** [BF12]. **Adjacent**
[ALV+21, AP20, ACL+18, BEH19, BCGN+18, BBRM20, CN22, CES+19, CFML22, CTR+19, Dri11, ESTM13, FBR+13, GM19, HDM19, KFC+13, LSV14, PCD+18, RCSVGP+16, SSB19, SSKA19, SCB+16, TCDPP+22, TAF+22, WGZZ19, WL16, YLL19, Yao88]. **adjustment** [MZGA+20].
**Adriatic** [KK20, PL09, BBB+14, BPC+05, CDDF11, CD65, CFML22, KS15, MVC+11, PVG+20, ŠPM+22, ŠGM+18, SK21, TAF+22, UCB+18]. **adult**
[CCHV+21, CCS+21, DBM17, LMM03]. **adults** [dSSDS+20].
**Advancements** [ALV+21]. **Advances** [PHKS17, Ang88, BTK+99, CDL19, Don87, FJhT+14, IPF23, KA85, MSI17, SGPdM18, SFK+99]. **Advantages**
[BMG13, KSY+19]. **Advection** [HDA+16, SWZS+21, ARDP14, CBB+22a, CNSHT15, FRK+09, IAN13, SST+17, TPPG10, WKS+15]. **Advective**
[Men21, KFC+23]. **advice** [Ric01]. **Aegean** [TBK+99, TPP+00, BTK+99, BTG+03, LT06, PST+15, RKM+07, SKP99, VKT15]. **Aeolian** [FAAV+15].
**Aequiyoldia** [GWGR+19]. **aeration** [Tit20]. **Aerobic** [CWS+21]. **Aerosol**

[WH20]. **aerosols** [TPN+18]. **affect** [GLV12, LBP+21, MPM+18, NGLSSG14, XRC+15]. **affected** [HLPL05]. **affecting** [AH10, BSF+21, FPIJ85, KSK+15, Li14, NMC+09, QCdS+07]. **affects** [RFS10]. **affinities** [BS90]. **Africa** [AAM+14, BAM+09, GASV+09, VFCC+22, Ang79b, ABT+04, BBPHG+11, BWB+09, Cra09, GMAMB04, MM80, Mit83, OAD22, SJP10, Tom81a, VNMS91]. **African** [Pai20, ARD+03, BN03, LPARF+20, Med87, Mit91, RMHL09, SAM+04]. **After** [CBM+21, IL20, LBH+87, LCZ+24, LWBD+17, LGG18, TSFA22, YFY05, dJSL+20]. **again** [Mun97, PPPdS20]. **against** [SOA+23]. **age** [Emi65, Koc65a, OYKK+23]. **Aggregate** [KSKN21, JB15, KVNT20]. **aggregate-associated** [KVNT20]. **Aggregate-colonizing** [KSKN21]. **aggregates** [RPG+18]. **aggregating** [ICB+19]. **Aggregation** [Gir15, KNSN+09, MPSD15]. **aggregations** [RTN90, VBJ+20]. **AGI** [CWS+21]. **Agulhas** [OKdA+19]. **aid** [SVIA14]. **Air** [FLUC08, LC22, XCH+16, dlPHF+15, BBB+14, CFG07, CF12, CEF+13, EHSI12, GLLB22, LGZ+20, OKdA+19, Rou65, WBA+22, WST+16, YN20, ZPY+20]. **Air-sea** [dlPHF+15, YN20]. **Airborne** [Ric94, HKL+15]. **akashiwo** [MPMFL+23]. **alalunga** [GA10, LOBG+10, MRAP22, NXT+17, XNT+17]. **Alaska** [CHC+12, CD07, CCH+12, CBT07, CM18b, DPM+09, FMM+20, HHDS02, Kli10, LHC+21, LHW+20, MDAW+19, MCL+15, Mil93a, PCH08a, PCR+22, STGR+23, WM13, WW02, ZJZ+21]. **Alaskan** [CQC15, Emi65, GAF15, PSM+22, WO15]. **albacares** [MRAP22]. **albacore** [DAIS10, GA10, LOBG+10, NXT+17, PYKF15, XNT+17]. **albatross** [CLB+13]. **albatrosses** [KST+10, Ric15, Ric22, Sac16]. **Alboran** [CLG+22, FGR+06, GR85, OMR+22, SGLF+13, SBPGP+23, BPGC+20, BPSGP+23, MCGR07, Pre86, YHM+18, VBVYT05]. **alcalinité** [Rot65]. **Aldabra** [WLKM10]. **aldehydes** [WPB+08, WL16]. **Aleutian** [RLT+22]. **Alfonso** [AAML22]. **algae** [Blu88, BLMR+20, CML+16, KSG+17]. **algae-produced** [KSG+17]. **algal** [IPF23, KGB+23, KSC10, KHJ+10, LMA+15, MPMFL+23, MP04, NNFL21, PP10, PFHM10, TPRS10, WDC+11, ZBY+22]. **Algeria** [OAD22]. **Algerian** [MTL05, TG05]. **algorithm** [DHL+21, XYWY23]. **algorithms** [CGG08]. **aliphatic** [FTG+18]. **Alkaline** [IPG+16, SAM+04]. **alkalinity** [Rot65]. **alkanes** [SOH21]. **alkenones** [STHM02]. **allochthonous** [LSV14, YTB+21]. **allometric** [KSKN21]. **ALOHA** [KLB+21, KBC+22]. **along** [ACK+13, Ang79b, ABT+04, BJ17, BSMC15, BECR+22, BBFS19, BHC+18, BGWP+17, BTV+17, CGM+02, CBB+02, CdTH+16, CCHM02, CLB+14, CSG+15, CB17, CBL+19, CJG88, DN07, DHDM22, EBW+23, EBR+14, FAAV+15, FGGDF+04, GMAMB04, HCAFD+20, HBH+17, JJA+17, JG07, KY23, KLC+15, KMWF11, KGJ+10, KRL+22, LRAE23, LKDL14, LM00, LHEB98, LPARF+20, MG02, Mar20, MTC14, MAAS+00, MIN+20, MB07, Mit91, MMPG07, NHN+21, PGT+13, PV07, PHFK14, PS98, PRA+18, PCC+19, PHC+19, RFSCF19, RN02, SSB19, SSB20a, SH09, Sol00, SAd+17, SST+17, SJ02a, SJM+19, STR01, SGR+22, TTMM+17, TCDPP+22,

TSRF14, WHT86, YMA+17, dWDB+98]. **along-track** [LKDL14]. **alongshore** [LMM03, PCSMC12, TMPM+16a]. **alpha** [RTBR+22]. **alpha-diversities** [RTBR+22]. **alter** [GMR+23]. **alteration** [MHVS19]. **altered** [Cra09]. **alternative** [OMS+15]. **alters** [KZD+19]. **Altimeter** [SJ02c, SJ02b, CGG08, TM13]. **Altimeter-derived** [SJ02c, SJ02b]. **altimetric** [CPSM20, KDL+01, SJ02a]. **altimetry** [CED09, LS20, LKDL14, RM97, RBS+09, WLM07]. **Aluminium** [DTKvH15]. **Alvinella** [JP90]. **alvinellid** [JG90]. **Amazon** [GdRGC+14]. **Amerasian** [GCFS06]. **America** [CAH+22, CBB+02, CCHM02, JJS03, STR01]. **American** [JAS+20]. **amino** [AB90, BPP+98, GSVB23, GGA+05, HMPZ11, VKJ+23]. **Ammodytes** [RHBS13]. **ammonium** [FUOG+16, MMF+12]. **AMOC** [HMH+15, SF15]. **among** [BL02, CMM+04, DDK+18, GSV+01, HGB+21, JJL+19, SBL+23, SPMVP05]. **amongst** [BGA+21]. **Amphan** [PTZ+23]. **Ampharetidae** [AP20]. **amphipod** [AE09, FJ19, HTV+20, JZ19]. **Amphipoda** [Thu90, gWjNfLyD20]. **amphipods** [BS90, BTV+17, HS22, HCV+20, JM19, RJT84, Thu90]. **amplification** [LCZ+24]. **amplitude** [ITO+14]. **amplitudes** [DLM91]. **AMT** [AB00, BJ17, PHCA17, SWT+17, ABD+17]. **AMT-19** [SWT+17]. **Amundsen** [DHD+23, FTG+11, JYK+14, SDL+19, YLL19]. **Amur** [FMWW14, SMN+14, YAI+14]. **Anadyr** [NHN+21, NAH+21]. **analogous** [MHS+09]. **analyses** [FTG+11, KSG+17, LSM+22, SBM91, SM16, SDO+14, YGL+10]. **Analysing** [SSB14]. **Analysis** [ANMP15, ÁBMÁS15, BHHR15, BPSGP+23, FBD18, FRCH15, FACM+23, FHL+24, MMGL+07, MEMC05, TMKJ+09, WHT86, YPM+10, YYhT+17, ÁBMÁS14, ASR+20, BFPS06, BGB+08, BD19, BPGD+14, BBF+22, CDDF11, CPG+18, CHC+12, CSK+12, CP83, CHB02, CR20, DM13, Dom84, Fuk91, GRDS10, GJ00, GTNK21, HKL+15, HPS+01, HSGJ23, Hob10, HSC+16, IBW+01, JE92, Mac98, MERB12, MNT14, MHR+10, McK08, MGC+18, MLHM09, MC88, MDR20, MCT03, Ola65b, PPVG12, PM13, PZA+15, PTG95, Reb02, RCGC+16, RDL+91, SBMB18, SMN+13, SF02, ŠPM+22, SBFP21, SDJ14, SHS+05, TSS+12, Tom81a, Tom81b, VCM04, WD94, WDC+11, YNMY23, ZNR+24, MAH+15]. **analysis/forecast** [CP83]. **Analytical** [PTF10, LPA+11]. **Analyzing** [DYO+10, LTJ+15]. **anammox** [GMBU12]. **Anatomical** [YKWF21]. **Anatomy** [PKA19]. **Anaximenes** [GPP22]. **anchoita** [DMC+18, dFKdLZTT17]. **anchor** [AVK91, BC91, CB91, CJMI+91, MIW91, PWMIM91, Ver91, WP91]. **anchoveta** [BGB+08, CGC+20, FBM+08, GRB+08, PCSMC12, SMPC+12]. **anchovies** [APC+12]. **Anchovy** [IFC+07, PVA24, YPGE+10, AIA+15, BCT+09, BFB+20, BDL08, BLT+08, CMS+13, EB08, FRCH15, FVLC+23, GCD+18, HLS+14a, HPW10, JBB+14, KYS+17, MPB+23, OACB+15, PST+15, RFC+15, SGWF+19, SAY+16,

SBG+08, TOKLC08, TIOM16, VOG+08, XRC+15, YFY+22]. **and/or** [HSG+15]. **Andaman** [JFUR20]. **Andvord** [LWT+20, ZCLS20]. **anemones** [vPRT90]. **Angel** [WR03]. **Angeles** [aHFS92]. **Angola** [GDSCU09]. **anguillid** [KMF+20a, KMF+20b]. **anguilliform** [FMC+15]. **angular** [CR97]. **animal** [GDN+18]. **animals** [BC01, Zez90]. **Annaba** [OAD22]. **Annelida** [AP20]. **annelids** [JG90]. **anniversary** [Ano85a]. **annotation** [GPAB+16]. **Announcement** [Ano80a, Ano82a]. **Annual** [AMG+16, CMHM18, Mol04, PMC16, RWD01, TSFA22, AMFY20, BCOL+19, BM07, CLB+13, CLL+18, CRHM12, DZ04, DBM17, EHG+07, FCN+19, GLLB22, HDZY15, Her97, JSdSS+21, KFKO03, LMPB+16, LC12, LW13, MTC12, MCGR07, NRA17, OACB+15, RM93, RGC+01, RG09, SGS+23, SNZ+20, SGR+22, TM13, WSO01]. **Annular** [ZHD+20]. **Anobothrus** [AP20]. **Anomalies** [BLAM00, ATS01, HZCZ16, HHSR07, Kat18, SMdG02, SJ02b, BLAM98]. **Anomalous** [ABP15, BASS+20, GFGGD+23, VDGGD+22]. **Anomalously** [AAML22, TSFA22]. **Anomaly** [Leg91, KWI20, LBNBM13, SCHBC+22, SPV+15, SD07, UKM+14, DMML88]. **Anomura** [Mar20]. **answer** [BBLD+11]. **Antarctic** [FDH20, HWPLvW20, HGH+19, KY23, LWT+20, MD07, AMY+23, BHA+14, BH85, CdD+15, CP07, DCD+23, DSR21, DHDM22, dCFK17, GNH19, Hay65, HSH+19, IIM+23, IGG+19, IG19, LS12, LS13, MWS+10, NPO+19, NHG19, OYKK+23, OJB99, PVM+20, SSTD+95, TNGP22, TFZS14, VPM+19, VKDS+18, WCC+20, ZSI+05, Zen08, ZCV+19, ZHD+20]. **Antarctica** [JYK+14, SDL+19, TSFA22, ZCLS20, AYH+23, DCD+23, GBB96, LSF+17, SAT+22, SDL+19]. **antarcticus** [NPO+19]. **antennatus** [CPG08, CHSB+21, SCB+09]. **Anthropogenic** [FGS+15, aHFS92, JJ08, lLdZQ+22, PPKR14, CPG+18, DNNNN16, EMK+17, GSF+15, Har82, JJA+08, KFC+13, LPA+11, OYKK+23, PKV18, RJO+19, RLDC+13, RLR+18, RAB+11, dMGS+11b, dMGS+11a]. **anthropogenically** [MGC+18, TCDPP+23]. **anti** [XHC+20]. **anti-cyclonic** [XHC+20]. **anticyclonic** [CBB+22c, MSS+02, QYF+24, RAE+05, WOW+14]. **Antikythira** [KHC+99]. **AO** [NBR+08]. **AO-02** [NBR+08]. **AOU** [WMC+89]. **APECOSM** [Mau10]. **Aperture** [VOT+99, Ric94]. **Apex** [Mau10]. **Aplacophora** [BHB+19]. **apparent** [GJ00, NMK+03, XYGJ23]. **applicable** [Ano17i, Ano17j, Ano17k]. **Application** [CN22, GLS08, iIYO+10, SSL08, Suk88, TGJT09, VBL+09, WCB20a, WPH+10, XD95, XYL+22, AC85, HKK12, KM22, KAH+16, Kvi69, LFG10, MCKS17, MAB+11a, RWD01, TGR05, vRGW10, BPA+21, GMDS20]. **Applications** [MLHM09, BMM97, BDE03, Dev87, KSY+19, MZGA+20, RLSF06, RLSF07, SHG12, WD94, ZD17, vFB82]. **applied** [BIL03, BBF+22, CPSM20, GAS+22, Man04]. **Applying** [BMG13]. **appreciation** [Ano65e]. **approach** [ANMP15, BMG13, CSBL+15, CLX+20, CRF+10, DYO+10, DLL+23,

DVL+99, DFM+15, DFH+16, ESTM+12, FVLC+23, FGS+23, GWM+22, GNH19, GWS+23, GD91, HMRB+03, HHMB+09, HNL14, HAP+16, hHRW+05, iIYO+10, JPM+08, KKK04a, KSE+09, KSB+22, LM18, LM14, LL21, LSD+15, MPM+18, MPB+23, OWH14, ORVES17, PMMN+22, PBO10, PVA24, RGB+17, RSMIS03, SJP10, STM10, SEW11, SPN98, TMR+21, TAM+13, TS10, VSGC21, Val99b, VAEP24, WFS+15, YPGE+10].
**Approaches** [Ano09h, MHA+11, CP10, FBA09, HAA+14, KSK+15, Man04, WMB+18, dlGFM+23]. **appropriate** [FCEZ10, GKC+14]. **April** [Ano00e, Ano02a, Ano04b, Ano05a, Ano06c, Ano07n, Ano08p, Ano12m, Ano13n, Ano14m, Ano16t, Ano17r, Ano19n, Ano20a, Ano21a, Ano22a, Ano23a, FHP83, GMDD+22b, MPD+22]. **Aptenodytes** [STC10, STEB16]. **Aqua** [WM13]. **Aquarium** [GMD+22]. **aquatic** [Pas22]. **aquuatic** [BVB88]. **Arabian** [PLN+23, AJA+22, ABS+20, ADS+22, BNC05, CBM+21, Cow05, GCB+22, LEDR+22, LO85, MGG22, MB05, MKHO96, Men21, NBG+05, PJS+22, SDP+22, SRAV19, SGS+23, Smi05, SM05, SGR+22, VJJ+22, VKJ+23, WHBK05, WGG+08]. **Arauco** [CTF07]. **Arc** [KTB+99, KSPK99, TBK+99, VOT+99, GSPMAI99, SKP99]. **Arcachon** [LDD+22]. **Arcane** [MS17]. **archaeal** [CTR+19, TVT+23]. **Archeological** [IHY+01]. **archipelago** [TSRF14, MIH06, PMG15, PCH+08b]. **Archipelagos** [Ché14]. **architecture** [CARBML+22]. **archival** [BMC+10, FFT+18]. **Arctic** [FTG+11, FMCG15, JCM+21, KPM+23, MIH06, SHC+07, YGMR+23, BF11, GvOSW11, WXH07, AMFY20, AvD15, BBE+15, BSC+19, BHM+15, BSF95, BvdLA+11, BLP+20, BRD+15, BOG20, BKC15, BS95, BD18, BMG+21b, CKB+17, CML+16, CKP+20, CW06, CM11, CGZ+16, CKT+13, CDP14, CRPS+15, CCW+18, DWH+14, DPB06, DWFP+19, DRD+07, DHD+23, DLD15, DS65, DWC06, EBW+23, FSVL10, FWL+15, GML+23, GWK17, GSSWK20, GTNK21, GCFS06, GBC+15, GSC+20, HBG+21, HMO+13, HKGH+06, HKE+10, HHSR07, HK65, IPHW+23, JAC+12, JBH20, JPIP22, JLS+22, Kiv97, KHBA+24, KH09, KB65, LSH+11, LMA+15, LLH+21, LRJ+15, MGWZ20, MVN+15, MRO+08, MOS+13, MHA+11, MMKS+21, MBH+01, MKSvA+22, MHH+15, MS15, MHVS19, NYH+22, OWR+07, PTM+22, PAPL15, PFW15, PNF+21, RJO+19, RCB+20, RSB+15, RvBD+22, Rud15, RKS+15, RN06, SSB19, SBMB18, SBK+95]. **Arctic** [SKWWGV18, SW92, SON+20, SEW11, SHC+06, SWZS+21, SLY+15, SPW22, Tit20, TAM+15, VMB+22b, VMH+21, WMC+89, WDC+11, WO15, WHS17, Was06, Was11, WKS+15, Was15, WCB+20b, WZBK+21, WC15, WHS+23, WBD+15, Woo18, YSD15, YWUK15, ZJZ+21, ZBRJ23, ZWP23]. **Arctic-Atlantic** [PNF+21]. **Arctic-FVCOM** [CGZ+16]. **Arcto** [LNB13]. **Arcto-boreal** [LNB13]. **area** [AS20, AMEV07, BATNP04, BC19, BM07, CN22, CGD+18, DMC+18, DOP87, EAB+23, FTSF21, Fra69, GCCY+14, GKR20, GMAB07, HYM+12, His22, IVT+12, JSLA+21, KKS+19, KTW+22, LWBD+17, MA20, Mit83, MMF+12, MDC+07, MA12, MSL+07, NH83, PPSVC+13, PFE10, SVL+23, STS+12, VSGC21]. **areas**

[AR18, BJMP19, BJMP20, BFV+17, CDTM+21, CMM+04, CQO+15, GGA+05, GAS+22, GRB+08, HMP+13, HLP+16, HvDL+17, KLC+15, KFH+15, KMF+20a, KMF+20b, LT06, LBH+21, LLS01, ROBRB+22, SFS+12, SC65, Sie69, SAY+16, SPN98, YYK88, dFKdLZTT17]. **Argentina** [ILA21]. **Argentine** [FGS+23, GGE+65]. **Argo** [RBS+20, CM18b, FC05, MMF+17, PL18, RBS+22, RG09, WCX+21]. **argonauts** [AG22]. **arising** [BAP+22]. **Aristeidae** [CHSB+21]. **Aristeus** [CPG08, CHSB+21, SCB+09]. **Armorican** [PL89]. **aromatic** [FTG+18, SGL+17]. **Array** [Ben85, BBL+09, GW89, LPF+20, SCY+23, YHZ+22]. **arrays** [SSM+18]. **arriving** [SL13]. **Arsenate** [HSK+19]. **arsenic** [TCDPP+23]. **art** [CAA+07, MPC12, SRM+10, SBB+14]. **Arthropoda** [PKA19]. **article** [SDS22a]. **Artificial** [BVJE19]. **Asellota** [BBFS19, GM19, MB20]. **asellote** [SBS90]. **Asia** [SSVP00]. **Asian** [LMW+12, FJhT+14, KJZ+12, PO00, Qiu15, SOB+08]. **Ask** [MKB00]. **Aspects** [TFZS14, BHS+15, Bre06, MP04, Ola65a]. **assay** [AIA+15]. **assemblage** [BCM+02, Dol09, GSA+20, HSL96, LMPB+16, MDAW+19, RSW+23, RMHL09, VMB+22a]. **Assemblages** [DN07, ACL+18, AMEV07, ALG+21, ATC+19, BECR+22, BM07, BJ90, CSV+07, CLD22, CTR+19, CCB+20, DTOD00, DSC+19, DMBB02, EMBS13, ERT+22, FTC+16, FSVL10, Gal17, GIHJ23, GBB96, GRD+23, GGA+16, GGG+18, GGSM+20, GDM+15, GLV12, HDM19, HTV+20, KSVT00, LSW+21, MST+23a, MDGC+12, MTH+10, NFMCS+22, PGGG17, ROBRB+22, RLGC10, RTBR+22, SPF+23, SBG16, VDP+01]. **assembly** [CGS23, VGM+23]. **assess** [SAB+22]. **assessed** [MERB12, RSM+23, SAT+22]. **Assessing** [JF13, LM14, LDHW20, SGL+18, SMPC+12, dlGFM+23, EBS+18, KSE+09]. **Assessment** [ÁBMÁS14, ÁBMÁS15, AKAL20, JST+24, SBH+14, SOH21, CSBL+15, CAO+20, CLB+14, EMU21, FC05, GBC+00, HFS+20, HHMB+09, Hof10, JPBB20, KMB01, KKO10, LCBN14, Li14, MCL+15, ORPRGIS22, PSP+21, SNS+22, WPH+10, ZHSMM14, ZL01]. **assessments** [GZCL23]. **assimilating** [REG+15]. **Assimilation** [CTMV+14, KDL+01, GBM+01, GAM98a, GAM98b, GA00, JRW01, Kiv97, KNI+05, MAB+11c, MAB+11a, MAB+11b, MZGA+20, SO91, WSO01, Whe93]. **assimilative** [WLM+22]. **assist** [CN22]. **associated** [BM76, BJMP19, BJMP20, CGM+02, CCA+02, DLD15, EMBS13, FBR+13, FRV+19, FKH+13, GGT+15, GS19, GBC+15, GPC+03, Gri22, GLV12, Jón07, KAK+22a, KGB+23, KVNT20, MZH+23, MS17, MPM+18, NAH+21, PKP14, PVA24, Sch83, ŠGM+18, SKH00, TMN+12, VDP+01, ZAC+23]. **associations** [DHD+23, HFO90, MDR20, WMB+21]. **Assumptions** [KSY+19, BMG13]. **Asteroidea** [MJD+21]. **Aswan** [Ore69]. **asymmetry** [GXX+22, HZCZ16]. **Atacama** [FAAV+15]. **Atlantic** [ABD+17, ÁSÁB+14, ÁBMÁS14, ÁBMÁS15, AKAL20, ALT10, BGMP03, BLHB07, BMdMS+21, BLAM00, BBR+01, BS02, CSV+07, CKM+21,

CSC+12, DML+16, DMC+18, EvdZSH02, FPD+01, FGS+15, FMH02, GMDD+22b, GTB07, GSF+15, HØ00, HBV+10, HBR11, HCV+20, IBW+01, JLP+20a, JG07, KSR+01, KAH+16, LS20, LMT+19, MHS+20a, MMF+17, MRH+14, NJCD01, OKdA+19, ORMR+19, PMG15, PS91, RWD01, RSB+01, RFFL21, Rei89, Rei94, RHM+19, STPHM+23, SLOP+22, Tom81a, TRMV15, UB10, VDP+01, WWL+22, WHS17, WLM+22, WG82, vAB96, AHP19, AQVB+10, AS96, AdAK+18, Ang79a, Ang79b, Ang84, ABSDC07, AGL+15, ASR+20, APP21, BM76, BDTC15, BGMP03, BNCC15, BEH19, BLAM98, BSC+07, BGM+99, BMNW01, BKD+20, BAOC+07, BHS+15, BHC+18, BCGN+18, BRG+23, BHPC06, BDBJ01, BSH+20, BMG+21a, BTJ+17, BMG+21b, BGS+04, BHMS09, BGWP+17, BTV+17, CRGA17]. **Atlantic** [CSM+15, CPG+18, CGV13a, CB06, CHG+18, CMJPH+18, CPC+15, CPHR98, CBB+22c, Cia14, CRF+10, DHC+20, DN07, DBC+18, DL69, DGMM85, DMML88, DLM+96, Dom84, Dri06, DP13, DFH+16, DK07, ECGP01, EBM+20, EBM+21, Eme65, ED82, Emi65, EMU21, EMK+17, FGSA97, FAAF88, FHG03, FCMCÁS19, dCFK17, FBT+22, FWH+17, FKZ+15, FMP19, FJH10, FKH+13, FMSBW13, FW91, FMW91, GSV+01, GIPC+15, GMAGH+17, GSM+17, GBC+00, GdRGC+14, GHC+17, GLAHH+22, GGAA+23, GA01, GD85, GTNK21, GPC+03, GAM98a, GAM98b, GA00, GEPC15, HLR17, HØH+03, HMRA+03, HBL+13, HBD+21, HPB+09, HLM+16, HDZY15, HMP+13, HGPFN+14, HGTP+19, HMPZ11, HAA+14, HHSR07, HMH07, HDB13, ICB+19, JSdSS+21, JLB+08, JLP+20b, JST+24, JCM+21, JPIP22, KSV08, KGL22, KKNT23, KY15, KDL+01, KBHML17, KT04, KJH+22]. **Atlantic** [Kos93, KHP+18, KFM15, KVLA06, LBK+01, LM00, LFC+15, LLH+21, LNB13, LAGM+23, LB14, LvIKB07, LMP22, LOC95, LBF+22, MMGL+07, MHS+20b, MHR+10, MSJ+15, McC92, MFS+16a, MFS+16b, McG64, MBH+23, MAAS+00, MIN+20, MBF+14, MRW+14, MHCS+23, MFM85, MGK+86, Mol04, Mol22, MST+23b, NCH+07, Nof96, Nof00, NGNV12, Ola65b, OHC+17, OCH+18, OMS+15, OÁSG+16, Owe91, PTM+22, PMM+23, PVC+08, PFHM16, PL01, PPHM18, PMDR06, Peñ24, PJH+15, PMH17, PGGG17, PP85, PGC+96, PHCA17, PNF+21, Pug84, PGG+22, QPR03, RGC+01, Rea00, RBR+23, RDL+91, RCD+94, RKFD07, RTN90, Ric85, Ric93, RAP95, RAB+84, Roe84a, Roe84b, RB84, RJT84, RFKC16, RFPG15, RFS10, RR01, RKS+15, RKC+10, RDP+21, SCLG+11, SHK+14, SF85, SIR+07, SFMT12, SFMT14, dSSDS+20, SWT+17, Sme93, SQJ+17, SBD01, SJD10, SWZS+21, SBE+20]. **Atlantic** [SPW22, SPK+22, SD07, THBA19, Thu90, TŠT+17, TLM+17, THM+14, TBW00, Tsu86, VBL+21, VMB+22a, VHV+12, VSC01, VCSG+01, VPW01, VDDA+08, VFS+15, VBJ+20, WMB+21, WLD+15, WSO+13, WHBW03, WBB+01, WDK+01, WWSJ07, Yas07a, YSD15, YS15, YSN20, ZAC+23, ZLZ+17, ZBLF23, dPGSHL23, dlPHF+15, ARH+00, AB00, Ano17a, BJ17, PHCA17, RNP+17, SWT+17, ZSBL00]. **atlantica** [BLCL14]. **atlanticum** [OBD+20]. **atlantid** [WPBG+18]. **Atlantification** [WHS+23, MGWZ20]. **ATLANTIS** [LFG10, KHL12]. **Atlas** [Ang79a, CBB+02, TTL+04, FMW91].

**atmosphere** [Bla63, LSW02, MLL+22, NBG+05, Pie01]. **atmosphere-ocean-ecosystem** [MLL+22]. **Atmospheric** [AALM06, BJ17, DL69, DVB+18, LGG18, PSM+22, SBPGP+23, ZPY+20, BDTC15, DCL+13a, GCD+99, HDZY15, Kaz17, LZL+22, MM99, OAB+16, OAD22, RMK+21, RDD+18, RHM+19, SMdG02, TPN+18, VBA+18, XY21]. **Atmospheric-Driven** [SBPGP+23]. **atmospherically** [CPSM20]. **atmospherically-forced** [CPSM20]. **Atoll** [HWF+21, PS23, RHB23]. **atolls** [PCH+08b]. **atoms** [Ros65]. **ATP** [GGQ07]. **ATP-P** [GGQ07]. **attenuation** [KM08]. **August** [Ano13g, Ano22-29, Ano22-30, Ano98c, Ano99c, Ano00g, Ano08r, Ano09m, Ano12n, Ano16o, Ano17n, Ano20b, Ano21b, Ano22b, Ano23b, HFW+98, JRW01]. **Auks** [KGJ+10]. **aurita** [KLP+17, TCF+18]. **austral** [AMY+23, MST+23a, SSN23, YLL19]. **Australia** [DPF+20, Hob10, LHF+16, MB07, TTF+22, WOW+14]. **Australian** [Her97, HT97, ORCH+19, RD03, KY23, MD07, NC80, SOB+08]. **australis** [FCN+19]. **Author** [Ano65a, Ano65b, Ano69a, Ano73a, Ano85b]. **auto** [MSMH19]. **auto-** [MSMH19]. **autocorrelation** [BAOM+12]. **Automated** [DHB+21, MERB12, SPH+15b]. **automatic** [iIYO+10]. **autotrophic** [BLP93]. **autumn** [BC88, CWB+22, EMU+23, HBG+21, KFC+23, NST+23, PFHM16, SSV+11, WSH+22]. **Auxis** [KTIT22]. **availability** [CSV+07, FVLC+23, JJL+19, KZD+19, LPF+18, OMR+22, OIC+23, VMC+19]. **available** [MBCB88, MFDH22]. **average** [Tur65, Wun24]. **Avilés** [RCSVGP+16]. **avoid** [LPHL+05b]. **Avoiding** [AF10]. **avoids** [McK08]. **awakening** [LMA+15]. **AXBT** [WLM07]. **axial** [CSR90]. **Azores** [Ang89, CGMP14, FPIJ85, Gou85, NJCD01, PP85, SGMP15]. **Azov** [FBS+18, KAG+19].

**B** [Ang80]. **back** [PPPdS20]. **background** [BCF+03, HMH+15, Pie01]. **backscatter** [ADS+22, BPSN+21, MIN+20, PBBH+22, UPPS+21]. **backscattering** [BLR+23b, SBBV04]. **backtracking** [TMR+21]. **bacteria** [FCG88, GMBU12, JP90, MY23, Sie88, SHS+05]. **Bacterial** [ASC92, DMD+00, ECGP01, BFJ18, CC88, CTR+19, DDE+95, DGP+13, GMAGH+17, GMDD+22b, GMDD+22a, HLR17, Her88, RMB+01, SST+17, TAW+15, TVT+23, VCB+00, ZKK+16]. **Bacterioplankton** [BSMC15, BGM+01, DLM+12, DDP+00, EGPM+15, MDC+07]. **Baffin** [MFM15, TRY+04]. **Bahamas** [Ché14]. **bairdi** [RKCH15]. **Baja** [BGM+10, DB02, Dur09, JOGM+10, LAA12, LABD+24, PELAA18]. **Baker** [RBL+19]. **balance** [BSF95, HPZC21, LHP+05, RGC+01, Tur65, YTNK00]. **balanced** [Mau10]. **balances** [AHW99, BS95]. **Balancing** [SCB+07, Fly03]. **Balearic** [BZD+21, CHSB+21, AQVB+10, CPG08, OMR+22, PTG95, PLJR22, dPAJ07]. **Baleen** [MHVS19, GVBV+21]. **Bali** [SNR+10]. **ballast** [SL13]. **Ballenas** [SRFHDH22]. **BALTEX** [OELP04]. **Baltic** [APC+12, BMC17, BLC23, BBF+22, CS18, HVRR15, HKPV12, HLP+16, HvDL+17, HCGK11, MHTG10, OELP04, OEL+14, PBB+12a, PDV12, PBB+12b, PHFK14, RBF+09, SPB+12, Seg69, Sei63, TMKJ+09, VH09a,

VH09b, VPH+12, VHK03, VHK04]. **bamboo** [PRA+18]. **bamboo-coral** [PRA+18]. **band** [SMFM+21]. **Bank** [CSV+07, HØ07, JJA+17, RCSA01, CHC+12, ESA+13, LTSG13, SSI13, TSP+13, BBL+09, DGP+13, EMBS13, GGJ+10, LTSG13, MEST13, PIS13, SCB+07, SEO13]. **Banner** [Ang80]. **Barbados** [JFG+90, OSH+96]. **Barbara** [AHW99, SC23, SPB+02]. **barbatus** [MSC+15]. **Barcelona** [SCMAR+99]. **barcoding** [JM19]. **Barents** [EBW+23, AEP+23, AAMB+24, AOMZ+23, BSF+21, BRG+23, CIL+23, CGV13a, CGV13b, DM13, DAvD+20, Dol09, Dri11, DCL+13a, EFC+23, ESGP17, EGP+18, EBD+20, ESD+21, HBL+13, JCF+23, JMSB+23, KFC+23, KMS+24, KSB+22, KGB+23, LJM+16, LNB13, MGA+23, RCS+11, SHP+23, SDH+14, SAB+21, SEG+22b, SEG22a, SDO+14, TVT+23, Tit20, WRH+06, WHS+23, YS15, dlGFM+23]. **Barents/Norwegian/Greenland** [HBL+13]. **Bari** [CFML22, SCC+19]. **Barkley** [CLSD18, CMHM18, DOS+18]. **Baroclinic** [RZW+23, CSLJ03, Hog85, HNSP+19, KT97]. **barotropic** [DEW+97, Hut87, LL97, RZW+23, Sak86]. **Barrier** [BECR+22, GHC+17]. **barriers** [JLRB20, TKC+22]. **Barrow** [HFO+22]. **bartramii** [IIS+17]. **Base** [CLdPHL23, KH09, SJP10]. **Based** [YN20, BEP02, BSH+20, BMN19, BGV+23, BLT+08, CGMP14, CMS+13, CMG15, CHC+12, CSK+12, CKT+13, DPR+18, DSBP15, DHL+21, DPF+20, ERBV21, FTSF21, FFA06, Fuk91, GSFP+09, GRMB18, GNH19, GBH+20, HSS+12, HFS+20, HMX+23, JPM+08, JAC+12, JHDT12, KGL22, KSS+23, KPSB22, LLH+21, LMT+19, LB20, NGLL+22, PCSMC12, PMMN+22, PGS+22, Pra91, SGMVF14, SPSV+20, SOA+23, SGR+22, TAM+13, VVV21, VSPP14, WZFW16, WCX+21, WSS15, WFJ+15, WLM07, WPB05, WJPHB15, YWUK15, ZL01]. **Baseline** [JLS+22, EBD+20, MRAP22, OPH+24, SKH+23]. **basic** [Ken88]. **Basin** [AAML22, GGAA+23, Hic92, HGBG20, IMM+22, KKS+19, LXC+22, MPCNC+19, UB10, AVS23, AIA+18, BMK12, DSC+19, GBC+00, GPC+03, HMTL05, HS07, IHT+21, JLP+20a, JLP+20b, LBH+21, LH08, MDB+20, MZGA+20, MJA+07, NGLSSG14, PBB+20, PKV18, SSL08, SiSI+02, SPB+02, SSM+18, SSW+09, TCDPP+22, dlPHF+15, SBB+14, ABM+05, BSW86, BS95, BPTT19, CMPNC+22, CJ92, EFC+23, FGS+23, GGE+65, Hau18, HHW01, HHW22, HKE+10, JMSB+23, KZSH85, KY23, LTG85, LSV14, LPA92, MHGP06, MD07, NHN+21, Ore69, ÖHÜ89, Rot65, RKS+15, SBK+95, SPB+12, SE92, TG05, VK92, WWN+99, WRS+92]. **Basin-scale** [GGAA+23, HGBG20, IMM+22, UB10, BMK12, GPC+03, IHT+21, JLP+20a, JLP+20b, MJA+07, NGLSSG14, SSL08]. **basin-wide** [PKV18, SSM+18, CMPNC+22]. **basinal** [YNTS22]. **basins** [BHB+19, BKC15, FWL+15, aHFS92, JJL+19, YSD15, Gor92, WJE+92]. **basis** [vdS94a]. **bassanus** [SWP+13a]. **bassin** [Rot65]. **batch** [TGR05]. **batch-dissolution** [TGR05]. **Bathyal** [SW21, Car98, DMD+00, HFO90, HWBT03, SS03, TPM+00]. **Bathymetric** [CGM+02, GSSWK20, KKKS14, ACB+13, BHS+15, CMM+04, FBD18, MMPG07, VMB+22b]. **bathymetries** [Pra04]. **bathymetry**

[LW13, STEB16]. **bathypelagic**
[CRC+19, PMFNGQ21, SLOP+22, ZPC+16]. **Bathysquillidae** [MKD90]. **bathythermograph** [Mol22]. **Bay**
[CÁM06, CLMR23, FB05, HL05, HJLLN07, HPHL+05, KKS+03, KNS+03, LZCZ05, LWT+20, MGS90, NMK+03, NKK03, OAD22, PHLL05, PLHLF05, RVS+21, TWMY08, TSFA22, iUMY86, VOG+08, VGM+23, VK90, ZCLS20, BLT+15, KOhL+10, LDD+22, USH15b, XYK+22, AIA+15, ADV+18, ALT10, BCGN+18, BHLU+07, Bre06, BhTW10, CDS90, CSC+12, DBC+18, DPH+18, DPR+18, DHHP18, ERT+22, EHG+12, GCD+18, GHL15, GA10, GRD+23, HBV+10, HCC02, HLD+21, HPW10, IFC+07, JJA+13, JX18, JFUR20, KFKO03, KSP+23, LAD+18, LLL+11, LCBN14, LML+23, LOBG+10, LSIC12, LSIB23, MMR+12, MCG+02, MLD+03, MFM15, MJA+07, MFH86, NP00, NMN08, OMS+09, PMFNGQ21, PTZ+23, PGRP+18, PVV23, RCSVGP+16, SMN+13, SBL+23, SS03, Soh03, SRT+18, TMN+12, TRY+04, TFM03, USH15b, VLUC+07, VDB+20, VJJ+22, VBM21, VKJ+23, WCB20a, WPH+10, XWW+21, ZHF+24]. **Bay** [Ang80]. **Bayesian** [GL23, OWH14, PVA24]. **bays** [HGH+19]. **BBMO** [VGM+23]. **BCB** [CQO+15]. **be** [QSC+15]. **Beach** [Let87, SCS87]. **Beagle** [CAH+22, ILA21]. **BEAGLE2003}** [AFH+11, KMWF11]. **beaked** [SGL+18]. **beam** [ON22]. **bearded** [CQC15, MSC+15]. **Beaufort** [CQO+15, CBB+15, LPF+21, BD18, BPM+14, CDP14, DLD+19, DWC06, FMCG15, GDL+15, HSG+15, KFH+15, LPW+23, LBC+15, MSC+15, NNFL21, OACA20, PSM+22, WLCG23]. **bed** [DXH+02, HHK+02, WAH+20]. **been** [MKB00]. **beer** [GAF15]. **before** [LBH+87]. **behavior**
[CdTH+16, HHP10, JBB+14, MPM+18, PO15, SBLA10, SK17, TNS+05]. **behavioral** [BVJE19, BAP+22, KSK+15]. **behavioral-hydrodynamic** [KSK+15]. **behaviors** [CZG+21]. **behaviour**
[ASC07, BLP+20, BGB+08, DCM16, DMBHG10, ESA+13, FDB+21, LSF+17, MKOLA20, NRS+19, RHB23, RAE+05, STC10, STEB16, Sma10b, ST10]. **behavioural** [QCdS+07]. **behind**
[BCD+20, DLL+23, DMT15, LMA+15, OMS+15, SD07]. **belly** [GAF15]. **belonging** [CSH+23]. **belongs** [RK20]. **below** [BHK+19, OT19]. **Beneath** [BH07, MSL+07]. **benefits** [BPA+21]. **BENGAL**
[BR01, RWD01, JFUR20, KSP+23, MMR+12, MJA+07, MFH86, PTZ+23, PVV23, RVS+21, VJJ+22, VBM21, VKJ+23, XWW+21]. **Benguela**
[AH80, AVK91, AE09, BC91, BHAJ12, CB91, CJMI+91, CS04, DBR03, FUOG+16, GDSCU09, HMRB+03, HSC09, HVEF09, HvdLS+09, MIW91, NH83, PWMIM91, RBS+09, SE16, SKRM+95, TFM03, TS10, VPS09, Ver91, WP91, ZHBW01]. **Benthic** [BHE+98, BRC+18, Car98, CBL+19, DDDT99, DTW+00, FJA+21, GBB96, HFO90, HG04, JPIP22, LTSG13, LGR+02, RBL90, TDH+95, ZHSMM14, vWM02a, Ano94k, BBMR19, BTG+03, BD18, CLSP17, CMHM18, CSG+15, CDP14, CTR+19, DLL+23, DL17, DBJ+15, DBR20, FLdST98, GRMB18, GPP22, GvOSW11, GD85, GWK17, GLV12, GEP+08, HLS+14b, IBW+01, JPBB20, KGdS+08, KLC+15, KRHS14,

LJM+16, LRJ+15, MGS90, MBH+23, MKSvA+22, MDR20, MRW+14, NRA+21, OB98, PPHM18, PRC+20, PS98, QSC+15, QOS+22, RGC+01, RCC+18, SS03, SBG16, TAW+15, TSG+04, TvW98, TvG02, VKDS+18, WLP+21, ZCV+19, ZWM+15, ZBRJ23, vWMH98]. **Benthic/midwater** [RBL90]. **benthivory** [GBC+15]. **benthonic** [Phl65, Sai65]. **benthopelagic** [BC01, GD85]. **Benthos** [CSR90, GSSWK20, JSHB90, RSB+15, RSD+90, VMB+22b]. **bentincki** [CCM+14, SYB+15]. **bergii** [Cra09]. **Bering** [MLPN06, ANH21, AIHB+07, AT07, BE99, BDC+08, CQO+15, CBB+15, CHB02, CP02, CQC15, DWH+14, DBC+23, FJA+21, FMCG15, GCFS06, GTS+21, HKN+14, HOY+21a, HMH+15, HS02, ISM+02, IAFD02, LDAM+07, LCJ+17, LSW02, MSC+15, MRSS02, MOSN+13, Min02, MSS+02, MWFH02, NSE+24, NHN+21, PDAM+15, PST+02, RKS01, RKCH15, iSIS02, SOH21, STHM02, SiSI+02, SNMW10, SYN+21, TFY02, WFH+22, WMC+89, WD94, WDC+11, WHI+02, Woo18, YNM+02, ZK06, ZWP23]. **Bering/Chukchi** [WMC+89]. **Bermuda** [Ang79b, SS69]. **Bernard** [CRiI+15b]. **better** [CRiI+15a]. **between** [ALT10, BLP+20, CCS+21, CRF+10, CBL+19, CQC15, CTI+19, DDDT99, DP18, DLD+19, DCL+13a, DL17, FMC+20, GVBV+21, GBC+00, GA01, GDM+15, HL05, HJLLN07, HFW+98, hHCK01, HBH+17, HLS+14b, HM06, IIS+17, KF11, KKKS14, KTIT22, KAK+22b, LSF+17, LDB+02, LHP+05, LOBG+10, LB20, LHC+19, LMP22, MSC+15, MPV12, MNT14, MMF+07, MSd+16, MCG+14, MM90, NYH+22, PAM+88, PL09, RFFL21, RGPB+23, RLR+18, SMFM+21, SCB+09, SRF+19, Val99a, VCM04, VDB+20, VHK03, VHK04, WNNI21, WSH15, XYGJ23, XC14, YFK21, Yu23, ZL01, ZSBL00]. **between-region** [MPV12]. **Beyond** [MBH+01]. **BGC** [WCX+21]. **BGC-Argo** [WCX+21]. **Bi** [LDD+22, BCLD+17, OMS+15, RNBP+19]. **Bi-decadal** [LDD+22, OMS+15]. **bi-frequency** [BCLD+17]. **bi-phasic** [RNBP+19]. **bias** [CDB+24, KSK21, MRH+18]. **bibliography** [Ano65f, SMB88]. **Bifurcation** [Sak86, CF07, DCD+23]. **big** [MVV+19]. **bigeye** [HLTB+17, HHP10, LSS+10]. **Bight** [AG22, ASC92, BHPC06, BTS22, CB06, DIM09, Epp92, Ham87, Her97, HT97, KMMC09, KC15, KVLA06, LLS01, PG10, WWL+22, WLM+22, ZAC+23, dFKdLZTT17]. **Bill** [SSB+20b]. **billfish** [McI10]. **Bio** [GNH19, TII+14, BDB+04, BMB+16, HPB+09, KTH+21, PTP+22, PKP14, SWP+13a]. **bio-geographical** [HPB+09]. **Bio-optical** [GNH19, TII+14, BDB+04, BMB+16, KTH+21, PTP+22]. **bio-physical** [PKP14, SWP+13a]. **Bioaccumulation** [ORB+18, FDM+13]. **Bioavailable** [LFBP+13]. **Biochemical** [DDP+00, DDD+00, MPC+17]. **Biodegradation** [RPG+18]. **Biodiversity** [BBRM20, GCLD19, MA20, MFA+15, SSB20a, BD19, BHC+18, EBM+20, FAB+09, MDAW+19, MVV+19, NCC+15, RSB+15, SMR+20, SPH+15b, STGR+23, TKC+22, WPA+24, dLLdAWL+23]. **Bioen** [MSB+23]. **Bioen-OSMOSE** [MSB+23]. **Bioenergetic** [GCD+18, MPB+23, MSB+23]. **Bioenergetics**

[JSdSS+21, LLS01, MLHE23, YWUK15]. **Biofilm** [WST+16]. **Biofilm-like** [WST+16]. **Biogenic** [FTG+11, GTR01, NEI+22, ÁSÁB+14, ÁBMÁS14, ÁBMÁS15, BT07, CWZ+20, CE84, GLY23, IU14, LBNBM13, ORW+01, PBP+99, RGC+01, TRP+23, THM+06, TGR05, WGZZ19, WSC+21]. **Biogeochemical** [CLV+19, DFM+21, HBV+10, HBW17, HWF+21, NBG+05, NMY+14, NYH+22, NST+23, RGB+17, VPW01, ÁSFP+03, AH15, BFPS06, BHM+15, BTS22, DVB+18, DCS+22, FMP19, FCEZ10, FYYC05, GLF+17, GL23, HHR+19, JB15, JLB+08, KKO10, LK13, LRW+15, LSH+22, MMGL+07, MCG+14, PFHM16, PST+15, RBL+19, RRLS22, Smi05, TR99, TWBC+13, TAO05, TDL+17, UBB+23, WSO+13, WHBK05, WL16, XC14, ZHF+24, ZDM+20]. **biogeochemically** [DBRK17]. **Biogeochemistry** [CPNL07, KHC+99, NCH+07, CTMV+14, Cow05, GCD+99, HM15, KHS+14, PBB+20, Pai20, PLP99, SKWWGV18, SMP+22b]. **biogeographic** [MB20, SW21, XLL+20]. **Biogeographical** [FPY+16, OHC+17]. **Biogeography** [BC16, MKD90, WPBG+18, Bol94, BBRM20, DSR21, ERBV21, GdRGC+14, GC09, JAC+12, KA94, OH94, OvdSN94, Sou94a, VWDF14, VFS+15, WGCS13, Whi94, vdS94a, vdS94b]. **Bioindicator** [WWW+23]. **Biological** [CPC+02, HKE+10, JLP+20a, JLP+20b, Seg69, SW22, BBE+15, BHM+15, BP02, BKC15, CW06, CMC+16, CPG08, CLCBB19, CMF15, CEF+13, DLL+23, DRVMC+22, FDE+22, GdRGL+01, GDI+09, HVRR15, HFW+98, HKPV12, HMKF08, HFPS+06, KYT+16, KCPM09, Law04, Leh01, LBSP01, LSMG01, LSS+09, LHF+16, LH89, LFBP+13, MMGL+07, MHS+20a, MHS+20b, MKHO96, MMN+24, MJA+07, Ore69, PMC16, RLT+22, RDD+18, RGI05, RBL90, RGM01, SOS+07, SCD+07, SMP+22a, SMB88, SG91, SDJ14, TDGY22, TCL20, Tur15, WB03, YNM+02, SHK+14]. **biologically** [BCB+05, KFH+15, MCMT+17]. **biologist** [Bil01]. **Biology** [Har82, BM76, CH07b, FARRL+13, HWBT03, Nie07]. **bioluminescence** [MPMA13, MNT14, MSMH19]. **biomarker** [BSC+19, WPW+14]. **biomarkers** [LSV14, PPCWJ18]. **Biomass** [AMY+23, KH09, AGL+15, BMO12, BBMR19, BM07, CLdPHL23, CCW+18, DDE+95, DDP+00, DAU22, DBJ+15, FGGDF+04, GWK17, GSSWK20, GBC+15, GAPM16, HVEF09, HG04, ILA21, Igu04, IVT+12, JSdSS+21, KSVT00, KBC+22, KGB+23, KDB95, LLL+11, LAP10, LMC+20, LWBD+17, MIW91, MA12, MMPG07, PD15, PS98, QPR03, SVL+23, SiSI+02, SSN23, SEG22a, SMM+90, SOA+23, VAEP24, VDGGD+22, WSS15, WCS+23, YMA+17, YNMY23, KVNT20]. **biomass-size** [QPR03]. **Biome** [ERBV21]. **Biophysical** [LAHI10, PTP+22, PDAM+15, CKL+14, KLP+17, LBC+23, MPM+18, SNV+18, VMH+21]. **bioprobes** [NBLI20]. **bioregionalisation** [LML+23]. **bioregions** [PGY+22, PYKF15]. **BiOS** [CGB+23]. **biota** [RCSA01]. **Biotic** [KHBA+24, GBT+19]. **Biotransformation** [CDS90]. **bioturbation** [HG04, MSL+07, QSC+15, Whe06]. **biovolume** [GWM+22]. **bird** [DLD15]. **birds** [SPS+99, SHT+01]. **Bisagno** [CLD22, DSC+19]. **Biscay** [CÁM06, CSC+12, HBV+10, AIA+15, ADV+18, ALT10, BCGN+18,

BHLU+07, CDS90, DBC+18, DPH+18, DPR+18, DHHP18, ERT+22, GCD+18, GA10, GRD+23, HLD+21, HPW10, IFC+07, LAD+18, LLL+11, LCBN14, LML+23, LOBG+10, LSIB23, MGS90, NP00, PMFNGQ21, PGRP+18, RCSVGP+16, SBL+23, SRT+18, VLUC+07, VK90, VDB+20, WPH+10]. **Biscay** [**?**]IrishLeJoncour:2023:WBE. **BIT** [SMN+14]. **Bivalve** [Kam19, RvBD+22]. **bivalves** [AS96, BLES16, LDH90]. **Bivalvia** [RVC+13]. **Black** [WFD+07, MNFY21, FBS+18, GRS08, KBSB18, KAG+19, LDMH09, MCKS17, MSGGM18, ÖÜT93, SÖÜ94b, SI97, Tol85a, Tol85b]. **Black-legged** [WFD+07]. **Blanc** [FRK+09, NIF+15]. **Blanes** [ASFB+13, ACL+18, DCL+13b, FBR+13, IVR+13, JFEC13, KFC+13, LFBP+13, LFCSV+13, PPSV+18, PPSVC+13, RCF+13, SCB+09, VGM+23, ZFSV+09]. **blending** [BBM+14]. **Block** [SCB+16]. **bloom** [AW13, CKB+17, CMC+16, FHP83, GMDD+22b, GHL15, GKS+13, HBV+10, IMM+22, KHBA+24, KFM15, LGL+18, MCKS17, MMD+16, NEI+22, NSE+24, OTNI20, PMMN+22, PMS+15, RSM+23, RHM+19, STB+92, STF+13, SMP+22a, STHM02, ST10, SPH83, SDL+19, TSAM+22, TPRS10, VEM+21, VBM21, WFH+22, WLM+13, WSH+22, ZLG17a, ZLG17b, ZWM+15]. **Blooms** [GBH+20, BTS+15a, BPGD+14, DLC+08, Fro05, FB05, HLPL05, HPHL+05, ISM+02, IPF23, KMMC09, KSC10, KHJ+10, KTW+22, LPHL+05b, LPHL+05a, LMA+15, MPMFL+23, OMS+09, PHLL05, PP10, PFHM10, RPSC22, iSIS02, ST10, VHV+12, VSPP14, WDC+11, WQ08, ZBY+22]. **blows** [HLM+16]. **blue** [BPSN+21, HPB+09, MAFS+22]. **bluefin** [AQVB+10, BMC+10, DFH+16, DAIS10, FFT+18, GA10, KKKY10, KTIT22, MMIB10, PMM+23, RDP+21]. **Board** [Ano17e, Ano17f, Ano17g, Ano17h, Ano63a, Ano64b, Ano73c, Ano76a, Ano79a, Ano80b, Ano81a, Ano82b, Ano83a, Ano84a, Ano85d, Ano85e, Ano86b, Ano86c, Ano87b, Ano87c, Ano88a, Ano88b, Ano89b, Ano89c, Ano90a, Ano90b, Ano91a, Ano91b, Ano91c, Ano92b, Ano92c, Ano93a, Ano93b, Ano94a, Ano94b, Ano95a, Ano95b, Ano96a, Ano96b, Ano97a, Ano97b, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano10c, Ano10d, Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano12a, Ano12b, Ano12c, Ano12d]. **Board** [Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano17i, Ano17j, Ano17k, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o, Ano22p, Ano22q, Ano22r, Ano22s, Ano22t, Ano23d, Ano23e, Ano23f, Ano23g, Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano24a, Ano24b, Ano24c]. **bodies** [IST+88]. **Body** [RSW+23, BFV+17, GDL+15, HSG+15, HBG+21,

IAFD02, MMPG07, SE92, VDB+20, YKNO23]. **BOFS** [STB+92]. **Bohai** [LSXT01, LW13, SW12, YSY+19]. **bomb** [KMWF11]. **bomb-produced** [KMWF11]. **Bonelliida** [GS19]. **Bongo** [JF13]. **Book** [Ang79a, Ang80, Ang88, Bak83, Hof81, SW81]. **bord** [Ber65c]. **Borderland** [Gor92]. **boreal** [LNB13, PTP+22]. **Boreogadus** [BF11, KSG+17, VMH+21]. **bores** [HNSP+19]. **boring** [RVC+13]. **borne** [SGR+22]. **Bornholm** [BLC23, SPB+12]. **both** [Kit03, WWL+22]. **bottlenose** [LPF+18]. **bottles** [MK86]. **Bottom** [DJW+18, dCFK17, HS22, MLPN06, OYKK+23, OJB99, PSA+19, SPN98, SIB+06, YFY+22, Zen08, AH10, AR18, AF10, ASB+08, BVJE19, BSF95, CML+16, CB06, CHB02, ESTM+12, ESTM13, FZY+23, FC07, FFA06, FWL+15, Gam14, Hop64, HWB+18, HM06, KKS+19, LTG85, LL97, LYS+22, MPB+23, MM80, PPSV+18, PAB+21, PdMS+13, RGMPR23, RKK+21, VK90, VSC01, VOJD02b, VB14, XYK+22, XWL+22, YMK+04, ZCV+19, ZZWL06, dPCS23]. **bottom-** [XYK+22]. **bottom-ice** [CML+16]. **bottom-living** [MM80]. **Bottom-up** [HS22, MLPN06, PSA+19, SIB+06, YFY+22, AH10, AF10, ASB+08, BVJE19, ESTM+12, ESTM13, FFA06, HM06, MPB+23, PAB+21, RGMPR23, ZCV+19]. **bottoms** [QOS+22]. **boundaries** [Ban65, BW65, CMJPH+18, SCLS10, SJ02a, vdS94a]. **Boundary** [Ano09h, Car98, CM09, EBR+14, FBA09, FAB+09, GBC+16, SPN98, SÖÜ94b, WO85, BTG+03, BPM+14, CMHM18, CDP14, DSC+21, DL17, EBvdL+09, FBS22, HHMB+09, HBW17, HVEF09, Hut92, KKK04a, KHD22, LG22, LG23, McC92, MBP65, MAAS+00, MLK+09, MC15, Mit91, PP10, Rog00, Sel65, TWAL+11, TvW98, TvG02, TPRS10, VNMS91, VFS+15, VOJD02b, VB14, WZFW16, WWN+99, XY21]. **Bowhead** [DHD+23, GDL+15, CQO+15, CBB+15]. **box** [APHGC+22, JPBB20, KKK04a, LB20]. **box-corer** [LB20]. **brachiatus** [HE07]. **brackish** [PBD+88, Wen88]. **branch** [JC88, MR06, RKS+15]. **branches** [PLB+23]. **Branching** [KL86, Sek86]. **Branica** [SW81]. **Bransfield** [VKDS+18, VAGMDRS22]. **brash** [NST+23]. **brasiliensis** [DPGC14]. **Brazil** [AG22, BRB+01, BTS22, PG10, DSC+21, GRDS10, Has06, RPPM+23, WR00, dSPF+23]. **Brazilian** [dFKdLZTT17, BKB85, DPGC14]. **breadth** [LVGH+15]. **break** [CMC+16, DLD+19, LMM03, OC06]. **break-up** [DLD+19]. **breaking** [HLFL23, ITO+14, PVG+20, vHVAT22]. **breaks** [ZMW+23]. **breakup** [NNFL21]. **breakwater** [Iwa23]. **bred** [HKK12]. **breeders** [SM16]. **breeding** [DWNN04, FJH10]. **brevis** [BK19]. **bridged** [LLX+21]. **Bridging** [DP18, LMS10, MCG+14]. **Brief** [CBGC+08, Ano10a, Kaw98, SSM+90b]. **Britain** [HPHW21]. **British** [CMHM18, FDM+13, GKS+13, GDM+15, LMH+13, LC10, PMC16, RHBS13, STF+13, SL13, TSC03, CM14b, HHWW20, MB01]. **Brittany** [RSM+23]. **Broad** [GAS+22, MBH+23, BB14, CMF11, OOTA15]. **Broad-scale** [GAS+22, MBH+23]. **browser** [VR03]. **Bryozoa** [Gri22]. **bryozoan** [GHSC19]. **bryozoans** [Gri22]. **bubbles** [Bla63]. **budget** [BDTC15, CBC+06, FMP19, KVNT20, MMR+09, RSB+01, RKS+15, VK92].

**budgets**
[GSFP+09, JVJ+17, JWD+02, RDD+18, SGMP15, SCB+07, ZLR+07].
**Building** [AHC+13, CSH+23, Ber65a, TSL10]. **Bulk**
[ZZWL06, CDP14, GASV+09]. **Bullet** [KTIT22]. **bungii** [MFB+84, THP21].
**buoy** [CPB+15, UCB+18, WZC20]. **Buoyancy**
[SFMT12, PHFK14, SFMT14]. **Buoyancy-forced** [SFMT12]. **Buoyant**
[MSd+16, ILI+12]. **buoys** [Kvi69]. **burial** [EvdZSH02, HM98, vWHdS+98].
**Burst** [WLCG23]. **burying** [RHBS13]. **Bussol'** [YYT+14, TYO+14].
**bycatch** [RSK+23].

**C** [CGC+20, CRC+19, DVB+18, JJA+08, OMK+22, OE65, PHK+17,
PRL+18, SKH+23, SBK+95, STHM02, WRS+92]. **C.** [DK07, WSH15].
**cabbeling** [Har05a]. **Cabled** [VGJ+19, DOS+18]. **Cabliers** [CLG+22].
**Cabo** [CCRS20, VDGGD+22]. **Cadiz**
[SBPGP+23, GPE+17, LdCSB+20, SRM+10, LR07, RGPB+23]. **Cadmium**
[Sim81, FCG88]. **Caicos** [Ché14]. **Calanid** [MN88]. **Calanidae** [Mil88].
**calanoid** [AHSS22, BHS+15, CÁM06, IS19, MSMR93, Nie07, SSTD+95,
THBA19, WSH15, WGG+08]. **Calanoida**
[FMT15, GBG05, HLPL05, Mil88, NMN08, PMH17]. **Calanoides**
[AVK91, CÁM06, Ver91]. **Calanus**
[AEP+23, BMK12, BTNK13, BRH+05, BMG+21a, CÁM06, DWFP+19,
DBM17, GHF+21, GPC+03, HHY03, HMP+13, HRA+08, HBR11, HE07,
JAC+12, JC04, KHP+18, LBC+23, LPHL+05b, MMG+13, MAH+15,
MRH+14, NMN08, PD15, PHLL05, PLHLF05, SDH+14, SAB+21, SBE+20,
THP21, UB10, WPB+08, WBC+22, WSH15]. **calcareous** [Gal17].
**calcification** [KLIRK17, Kru19, ZCD08]. **calcified** [BHK+19]. **calcifiers**
[AOMZ+23]. **calcifying** [GBB+19]. **Calcium** [Wis65]. **CalCOFI** [Reb02].
**Calculating** [GGPG+19]. **Calculation** [YJW88, Kaw86, YJ88, ZPY+20].
**calculations** [Tur65]. **Caledonia** [CKL+14]. **calibrate**
[iIYO+10, ORVES17]. **calibration** [HM00b, SBH+14]. **California**
[ASC92, Ban65, BGM+10, DIM09, DLJ+21, Dur09, Epp92, FFA06, KMMC09,
KC15, LLS01, LABD+24, MPC+17, OBD+20, PBBH+22, PO15, RBE+12,
SRFHDH22, AAML22, AH10, AASJ23, ARG11, ABP15, BB14, BWB+09,
BL02, BM86, CCW+02, CPC+02, CB09, CCA+02, CCD+13, DFM+21,
DW02, DSBP15, DB02, ESTM+12, FELMGM+22, FSAO22, FWO15,
FRCH15, FMC+20, FWBC02, GFGGD+23, GMD+22, Gor92, HSMLDC+22,
Hau84, Hic79, HW02, hHRW+05, Huy83, HSF02, JE92, JSA+08, JOGM+10,
JC04, KHL12, KSD84, Kos02, KC02, LOG+09, LJPGC02, LO07, Lav09,
LAA12, LO21, LBP15, LCANAS+07, LCPSMR+10, LABD+24, LB02, MS02,
MAB+11a, MAB+11b, MJC+17, MCT03, NFMCS+22, NMLBCM+01,
PELAA18, PK02, PBS22, REG+15, ROBRB+22, RMK+21, RB20, RFC+15,
RZTD17, RN02, SCHBC+22, San15, SGMVF14, SSS+11]. **California**
[SFS+12, SLBVRR+22, SC23, SDK84, Sim84, SKHD84, SBM+23, SHT+01,
STGR+14, TBW09, VK92, Ven12, WFBN+13, WDMC02, WRS+92].

**californicus** [STS+12]. **call** [Jac10]. **Calvi** [GHL15]. **calycophoran** [LSIC12]. **Calyptogena** [AB90]. **camera** [TSAM+22]. **campaign** [JST+24]. **Can** [CRS04, LPHL+05a, Mau17, QSC+15, RCD+94, SvN04, TDL+17, HMX+23, RSG06, WFJ+15]. **Canada** [CMHM18, GDM+15, BBSN04, DLM91, EHG+12, FDM+13, GKS+13, HGD22, HKE+10, LC10, Man69, MPN09, PM13, RHBS13, STF+13, TSC03, VSGD21]. **Canadian** [DHD+23, CML+16, EHSI12, MIH06, WSL20, WTH12, YGMR+23]. **Canal** [Ore69]. **CANALES** [PLJR22]. **Canaria** [Ano09h]. **Canaries** [GMAMB04, RMHL09, RBHLA04]. **Canary** [BAM+09, GASV+09, AAM+14, ABÁS+09, AGL+15, BAT+98, BA04, BATNP04, BFR13, CLdPHL23, HLGA07, KZSH85, MHGP06, PVB23, SGWF+19, SFMA20, SHL13, SAd+17]. **Cantabrian** [CSV+07, CÁM06, RCSVGP+16]. **Canyon** [AHA+16, CLSD18, CMHM18, DJW+18, DOS+18, EvdZSH02, LPF+21, LPBM17, LRGV+18, AHD18, CHG+18, CFM+18, CJRÁ+13, CQZ+18, CHSB+21, CVHM+18, CRC+19, DCRR+22, DCL+13b, FVA+19, FBR+13, GCF+19, GBB+20, GIPG17, HDM19, IVR+13, JOBT05, KCL+12, KFC+13, LFCSV+13, MRH+18, PGLG+05, PRC+20, RCC+18, RCF+13, RCSVGP+16, SCB+09, ZFSV+09, ASFB+13, ACL+18, CFML22, EVM+15, JFEC13, KGdS+08, LPF+20, LFBP+13, PPSV+18, PPSVC+13, PGGG17, PRA+18, SCC+19]. **canyon-slope** [IVR+13]. **Canyons** [MRH+18, BFP+18, BRC+18, BD19, Bou65, CCM+13, CDL19, CLD22, CTR+19, DP18, DSC+19, DAU22, FBD18, GvOS+08, HSN+18, IHR18, KKS+18, PPdM+12, PCD+18, PGT+13, PCC+19, RVC+13, TCDPP+22, TCDPP+23, TAF+22, TPPG10, TTF+22, TCL+15, GCLD19]. **Cap** [DCRR+22, LRGV+18]. **capability** [Dah69, PRC+20]. **Capacity** [BK08, PS08]. **cape** [PK02, AAM+14, ABT+04, FRK+09, GL06, MB07, NIF+15, SVL+23, VFCC+22]. **capelin** [BSF+21, CGV13a, CGV13b, DM13, MMD+16, SEG22a]. **capture** [PTF12]. **captured** [HPW10]. **Capturing** [BTNK13, DLJ+21, MVV+19]. **Carbon** [DCKB13, GDI+09, HOY+21b, KAAK+16, PPCWJ18, RN06, SHK+14, SLOP+22, SC65, VKGP+13, WMC+89, AOMZ+23, AYK+05, ABT+04, AGL+15, BEI+20, BSMC15, BK19, BS02, CWB+22, CBC+06, CJ92, CCW+18, DOS+18, DHDM22, DGH+20, DWC06, EvdZSH02, EMK+17, FZY+23, FTG+11, FWBC02, FLUC08, FAH+13, GCV+24, GCD+13, GSSWK20, HM98, HPS+01, HW02, HKGH+06, HPZC21, HMKF08, HAH+22, IVT+12, JCF+23, JJ08, JJA+08, KBHML17, KBF+08, Kli10, KSS+23, KFC+23, KSG+17, KGdS+08, KVNT20, LSV14, LRW+15, LBP+21, MHS+20a, MHS+20b, MPM+17, MRAP22, MMKS+21, MLHE23, MMG+11, MDC+07, MNFY21, OB98, PG13, PHK+17, PPSVC+13, PDD+22, RJO+19, RCS+11, RGE22, RSD+90, SLBR18, SFMA20, SHd13, SJA+23, SPG+06, SMP+22b, SW01, SE92, SIS+14, SDJ14, TvG02, TMKJ+09, TFM03, THM+06, TDK+16, VK92, WCC+20, WRH+06]. **carbon** [WXH07, XYGJ23, XCH+16, YHM+18, YSN20, ZCD08, ZMW+23, ZKK+16,

ZZWL06, dJSL+20, vWHdS+98]. **Carbon-14** [SC65]. **Carbonate** [PST+02, BRG+15, GLLB22, HHK+22, KMSTK23, MLB+20, Ola65a, RSB+01, RDC+21, Wis65, YGC+21, BHK+19]. **carbonic** [RAP95]. **carboxylating** [SPH83]. **carcasses** [YHRT22]. **Carcinus** [YFK21]. **Caretta** [MHR+10]. **Cariaco** [BPTT19]. **Caribbean** [CMJPH+18, MKMF+89, Nof00, PGG+22]. **carinatus** [AVK91, CÁM06, Ver91]. **carnivorous** [GSC+20, MGS90, SE92]. **carpenteri** [RTN90, VBJ+20]. **Carrying** [BK08, PS08]. **carryover** [WBF+21]. **Cascades** [ISH+04, dZTG05, LPHL+05a, WDC+11]. **Cascadian** [GLV12]. **cascading** [PPdM+12, PdMS+13, RCC+18, SGL+17, TPPG10]. **cascading-dominated** [TPPG10]. **Case** [MZK+23, AHA+16, Ang80, ALT10, BCLD+17, CCRS20, CSC+12, ESTM13, GKC+14, HVS10, HPNDC15, HPW10, JBB+14, KV18, KFC+13, KGdS+08, KS15, LJM+16, LDD+22, LB20, MDGC+12, NHG19, NMC+09, PKA19, PPdS21, RZW+23, RSM+23, SHd13, TIOM16, Val99b, YFY+22]. **Cassidaigne** [FVA+19]. **Castle** [NW87]. **Catalan** [DDDT99, ACE+07, CGM+02, RAE+05, SCAA07, SVHM+13]. **Catalonia** [CMF+09]. **catch** [ARD+03, JOGM+10]. **catch-and-release** [JOGM+10]. **catches** [FELMGM+22, SNR+10]. **cause** [AAMB+24, CMF11, GJ00, SGLF+13, dSSDS+20, SA97, ZBY+22]. **caused** [GW89, PPSV+18, SMFM+21, TSP+13]. **Causes** [HMH07, BN03, Bea04, RTN90]. **cautionary** [Wai21]. **caves** [SCS87]. **CCCC** [BK08]. **cell** [AV23, BPA+21, GASV+09]. **cells** [WLL+23]. **cellular** [LCB18]. **cellular-** [LCB18]. **Celtic** [CHG+18, DGP+13, DJ92, EMBS13, ERT+22, FHP83, GWM+22, LTSG13, LDB+02, MZF+08, MEST13, MPD+22, PIS13, PM85, PL89, PDD+22, SMP+22a, VHV+12]. **census** [APC13, Ric93, RBZ00]. **centennial** [KYS+17]. **center** [MDL+12, SLG+12]. **Central** [CCA+02, HDM19, HLTB+17, LBSP01, PGC+96, Tom81a, VDDA+08, AMEV07, AMG+16, Ang79b, AT07, BB14, BD18, BM07, BCP09, CCW+02, CTF07, CGC+20, CPC+02, CBM+21, CFML22, CFG07, CF12, ES07, EHG+07, EM12, FC07, FP03, FGGDF+04, FWBC02, GMBU12, GSPP+20, GRS08, GEP+08, HSMLDC+22, HE07, HEF+12, HKY+11, HHP10, IAFD02, KFKO03, KWI20, KP03, KNS+03, KC02, LC12, LQU07, LDHW20, MERB12, MMES16, MMF+12, MWFH02, MGH+07, MTH+10, MHCR+12, MA12, MSL+07, OWR+07, OAWAN18, PCSMC12, PAM+88, PKF02, PCC+19, RM93, RFSCF19, RMG90, RBNJ+12, RBPGJ+20, RCSVGP+16, RN02, SLM+16, SFS+12, SDGVE17, SPB+12, SS03, SGO+08, SBD+07, SSL07, Soh03, SMPC+12, STGR+14, TFY02, TCF+18, VAEP24, gWjNfLyD20, WJPHB15, YNM+02, YCP+12, YFY+22, BM86, BASS+20]. **Central** [DLM+12, SCC+19]. **central-south** [SDGVE17]. **central-southern** [EHG+07, EM12, HE07, HEF+12, MERB12, MMF+12, MTH+10, MHCR+12, MA12, MSL+07, RFSCF19, RBNJ+12, SLM+16, SMPC+12, VAEP24]. **central/southern** [ES07, MMES16]. **Centropages** [ASC07, BLHB07, BHLU+07, CCG07, CH07b, CBHL07, DK07, GTB07,

HE07, IMHL07, MCD+07]. **Century** [ALV+21, BDLW14, DML+16, HMH07, LSW02, MWS+10, RD11, TLP+16, WBH15]. **Cephalaspidea** [CES+19]. **cephalopod** [KQP+17, OÁSG+16, RAG+19]. **certain** [BM76]. **Cetacean** [MWFH02, BCM+02, MCD+14]. **cetaceans** [BPF06, BGA+21, SRT+18]. **CFCs** [JJA+08, MBB+96]. **chaetognath** [FB05, MMN12]. **chaetognaths** [GSC+20]. **chain** [SOH21]. **chalcogramma** [MLPN06, YNM+02]. **chalcogrammus** [GTS+21]. **Challenges** [HHAR23, HAA+14, CCM+13, LCANAS+07, MPC12, RBD+07, VBL+21, WMB+18, Yas07a]. **chamber** [TDH+95, TSG+04]. **chambers** [TSG+04]. **Change** [BK08, HSG+15, WNNI21, AT07, ADV+18, BM01, BBR+01, BDE03, BHMS09, CDTM+21, CM11, CALS+23, CLMR23, Con87, DPCS87, Dri11, DBR20, FDH20, HRSM08, HGB+21, HSH+19, HWLT10, HSC+16, HS02, KKK04a, KA94, LAHI10, LHW+20, MPMFL+23, McI10, MNM06, MCB+10, NDEG22, NKK03, NPO+19, OVG16, ORPRGIS22, PYKF15, PG10, Reb02, RK03a, RAB+11, SRFHDH22, SYB+15, SAY+16, SON+20, SHF01, SBM+23, ŠGM+18, SCS87, SHT+01, STGR+14, VMV+23, WFD+07, Was11, WHBW03, WBD+15, WJPHB15, dlHRA+18]. **changed** [LBH+21]. **Changes** [ABSDC07, BCM+02, CMJPH+18, CCA+02, HPHW21, JLRB20, KKB00, KF11, LF12, LSW02, MWS+10, PBB+20, PO15, RBE+12, TWMY08, Ven12, WHK23, AMFY20, ABE+15, AAMB+24, AVG+19, BAM+09, BDLW14, BMG+21a, Bro82, CGV13a, CJMO87, CGM+02, CMF+09, CGC+20, CBOP15, CBM+21, CS04, DMD+00, DTOD00, DDD+00, DMT15, DBC+18, DLM+96, DYL+15, DMF+09, ERT+22, ESGP17, FGS+15, FC07, FHG03, FFS+20, FMSBW13, GSV+01, GMDD+22a, GMD+22, GGA+05, GW89, HVRR15, IVR+13, Iwa23, JTQ+18, JSdSS+21, JKBH87, KBE+22, KOhL+10, KRHS14, LRNK99, LDD+22, LXC+22, LWY07, LDMH09, MMG+13, MKB00, MMES16, Med87, MCGR07, MSGGM18, Min02, MIW91, Nag01, Ola65b, PVG+20, PRTC13, PBO10, Pir87, PVA24, PBN13, RMC+15, SMR+20, SPC+23, SKSK06, SC65, SJH+90, SMKK21, SKH00, TKW06, THP21, VDB+20, Whe93, WHBW03]. **changes** [Wil65, XYK+22, YNMY23, YNM+02, Yas07b, Yas07c, YFY05, ZWM+15, dLLdAWL+23]. **Changing** [LCPSMR+10, MGE+12, Tol85a, Tol85b, Yas07a, BRG+15, BHM+15, GCV+24, IGG+19, IPF23, JPIP22, JLS+22, KLIRK17, Kru19, LRW+15, LSH+11, LRJ+15, MTC14, MHH+15, NGPH10, TAM+15, Tur99, Val99a, Val99b, Ven12]. **Changjiang** [Ken88, ZLR+07, ZCH+17]. **Channel** [ALT10, CAH+22, FWO15, ILA21, SPSR+14, SRFHDH22, SC23, SAW+15, CFM+18, CTI+19, MKM86, MWO+12, ZWP23, AHW99, BTS+15a, BTS+15b, BLCL14, BHLU+07, GCD+18, GGA+16, GGG+18, GGSM+20, HØ07, KM10, LSD+15, MAH+15, OAB+16, PMS+15, RMC+15, SGA+19, STW+15, TAW+15, TB15]. **channels** [ABC+99, CCM+14, IPF23, PMA+14, PTPY+23, SPF+23, PLJR22]. **Chaos** [OAM00]. **chapters** [Ano10a]. **character** [TJ90]. **Characterisation** [JMG+13, ASR+20, CPHR98, CLG+22]. **characterises** [MB01]. **Characteristics** [AS88, BH07, LW85, LEDR+22, MNS+24, WGM+24,

ABC+99, CDB+22, CQO+15, GBB96, GBC+15, HFPS+06, Igu04, MLM09, Mol04, NHG19, NBR+08, NST+23, PTP+22, Par86, PO15, SWP+13a, SSTL16, SRG+19, STR01, WBB+01, YPM+10, ZKT88, ZSH+24, ZLX+20]. **Characterization** [AQVB+10, BZD+21, BSC+07, CFM+18, KTH+21, LKDL14, NIC+19, QLY+22, BGR+15, GMBU12, MCGS+16, YT06]. **characterize** [GNH19, LGL+18, MSMH19, PYKF15, SW22]. **Characterizing** [AH15, LLH+20, SJLW23, Fla02]. **charts** [PSK96]. **chaude** [Ber65b]. **Checklist** [OT19]. **Chemical** [BC91, BD85, CPHR98, Sim84, CPC+02, FW91, GTR01, Hey78, ILA21, IPHW+23, KSR+01, KKS+19, WNNI21, YT06]. **chemicals** [Bon88]. **chemistry** [BRG+15, BSW86, Bro82, GLLB22, Har82, MLB+20, PST+02]. **Chemolithoautotrophic** [PLN+23]. **chemosynthetic** [MSV+14, MCGS+16, ZHSMM14]. **Chemotaxonomy** [LMT+19]. **Chemotaxonomy-based** [LMT+19]. **Chesapeake** [JX18, WCB20a, ZHF+24]. **Chile** [AMG+16, CRHM12, GGQ07, SPF+23, AMEV07, ACN01, BRR+22, BWB+09, BM07, CTF07, CGC+20, CPNL07, CFG07, CF12, DLM+12, ES07, EHG+07, EM12, EHFD12, FC07, FAAV+15, GMBU12, GKC+14, GMAB07, GDI+09, HE07, HEF+12, IVT+12, LC12, LQU07, MERB12, MMES16, MS02, MMF+12, MGH+07, MTH+10, MHCR+12, MA12, MSL+07, MDL+12, MCGS+16, OAWAN18, PCSMC12, PMMN+22, PAM+88, PTPY+23, PVA24, RFSCF19, RBL+19, RBNJ+12, RBPGJ+20, SLM+16, SLG+12, SDGVE17, SYB+15, SAY+16, SBD+07, SSL07, SMPC+12, SJM+19, VOG+08, VSGC21, VMV+23, VAEP24, YBS+01, YPGE+10, YCP+12, ZHSMM14]. **Chilean** [BPSN+21, LSV14, MSV+14, SPSR+14, CCM+14, CTI+19, FCN+19, GCD+13, IPD14, JTD+14, LC12, MVBC+21, QOS+22, SV14, VLCCP14]. **chilensis** [HE07]. **chimney** [TJ90]. **China** [CGL+20, CWZ+20, CSW96, CLX+20, Cho86, DFC+21, DL17, DGH+20, DHL+21, FZ88, GCCY+14, GC14, HZD+23, HOY+21b, HPZC21, HSH97, HLSX22, HHZ+22, HWF+21, JZZY24, KHM+88, Li14, LYZ16, LGZ+20, LBH+21, LZL+22, LYS+22, LC16, LCJ+07, LLH+20, LGH+21, LGD+20, MXC+21, MLL+22, MY23, MZZ+23, MH14, MKS+22, NXY15, QLW10, QLY+22, RI86, RDC+21, SSTL16, SW12, TM13, WGZZ19, gWjNfLyD20, WST+21, WL16, WZC20, XWL+18, XLX+20, XHC+20, YKS+12, YMI88, YGC+21, Yao88, YJS86, YJ88, Yux88, ZLR+07, ZGZ19, ZZPL18, ZDG+21, ZMW+23, ZDM+20, ZSY+22, ZZWL06, ZSW+22, ITM86, LZCZ05, LW13, YSY+19, YHZ+22, ZKT88]. **Chinese** [SPWH21]. **Chinook** [BL02, CCS+21, DIQJ21]. **Chionoecetes** [MGKW19, RKCH15]. **chlorofluorocarbon** [OYKK+23]. **chlorofluorocarbons** [Sme93]. **chlorophorum** [RSM+23]. **Chlorophyll** [Epp92, PHKS17, ABS+20, BMK12, Ban96, BMGN15, BBL+18, BDLW14, CLY22, CRHM12, CW02, EALF08, EBR+14, FPIJ85, FYYC05, HSMLDC+22, HZCZ16, HZD+23, HJLLN07, ILA21, LHE+13, LFI+13, LW13, LHC+19, MHGGS19, MVC+11, MGH+07, NM17, PLHLF05, PHKS01, PVV23, RBR+23, SNR+10, SC23, SMGL01, STW+15, SLH+19, TBW09,

VDS+18, WM13, WDMC02, WQ08, XHW+20, XWW+21, YIY+04, YKS+12].
**chlorophyll-a** [BMGN15, CLY22, CRHM12, EBR+14, HSMLDC+22, HJLLN07, LHE+13, LW13, LHC+19, MVC+11, MGH+07, NM17, PLHLF05, SNR+10, STW+15, SLH+19, WM13, YIY+04, YKS+12]. **choice** [VBL04].
**chromatic** [ÁLC22]. **chromophoric**
[CMPNC+22, GF19, HOY+21a, RFSCF19]. **Chronology**
[CFC+18, SCMAR+99]. **chronometers** [Coo65]. **chub**
[ABE+15, GiIKX22, TMÁGC+21, YKNO23]. **Chukchi**
[CQO+15, CBB+15, OACA20, APC+21, BSC+19, BDG+17, CP17, CQC15, DWH+14, FJA+21, FMCG15, GMR+23, GCFS06, HOY+21a, HKE+10, KPM+23, KFH+15, LCJ+17, LPS+19, LPBM17, LBC+15, LDHW20, MSC+15, OPL+21, PLB+23, PST+02, SYN+21, WMC+89, WD94].
**Chukchi-East** [KPM+23]. **chum** [SKSK06, YWUK15]. **ciliate**
[DRVMC+22, JYK+14, WWW+23]. **ciliates** [SPB93]. **Ciliophora**
[WWW+23]. **CINCS** [GCZ+00, TP00]. **circuits** [BLP+20]. **Circulation**
[CTL+04, CGZ+16, DIM09, DWC06, Fuk91, GCS91, Has06, Hic92, HHP06, Hut95, JS90, KJH+22, LP87, LPS+19, LPF+20, LWL87, Mit91, ON05, OJB99, ÖHÜ89, PMC21, RKS+15, TMPM+16b, TMPM+16a, WBB+01, ASFB+13, ABM+05, AGS10, Arb22, APHGC+22, ABC+99, ARG11, BAARB05, BLT+15, BBPHG+11, BLP+20, BMC05, BSÖ+94, BMG+21a, Bum73, CGL+20, CPG+18, CSW96, Ché14, CD07, CM18a, CCH+12, CGD+22, DML+16, DWH+14, Dea85, DGMM85, DSC+21, EMU21, FWO15, FMP19, GWB14, GSPP+20, GR85, GCZ+00, HMTL05, Ham90, Hau18, Hen85, HHDS02, HGTP+19, HT97, HWB+18, KK20, KRL08, Kes06, KA85, LBC+23, LW85, LC16, LPW+23, LGH+21, LO85, Mac98, MMR+09, MRRC73, MRMD+97, MEMP15, MFS+16a, MFS+16b, MBKS08, MLS+15, MB07, MJC+17, MEMC05, MW96, NDEG22, NTU+14, NGLSSG14, Nof00].
**circulation** [ORCH+19, OAB+16, OPL+21, Owe91, PGLG+05, PS91, PSK96, PTG95, PLJR22, PP85, PGC+96, PFE10, Rea00, RBS+20, RBS+22, Rei86, Rei89, Rei94, Rei97, Rei03, RCB+20, Ric08, RM89, Roo82, Rud15, SCPN15, STPHM+23, STEB16, SOB+08, SFMT12, SFMT14, SM01, SDS02, SDS22a, Sek86, Sek99, SZG06, SC23, SBLA10, SSM+18, SON+20, Sme93, Ste91, SJ02c, SJ02b, SJM+19, Suk88, SMP07, SCB+16, Tal08, TRY+04, TBK+99, TAO05, Tsu86, TAH+11, VNMS91, VAGMDRS22, WLD+15, WSL20, Wen88, WSO01, WBH15, WTH12, WG82, XWL+22, XDG+23, YGC+21, YJS86, ZSW+22, ZBLF23, MSJ+15]. **circulation-ice** [WSL20].
**circulations** [HNR+17, IHT+21, MMF+07]. **Circum** [BF11].
**Circum-arctic** [BF11]. **circumglobal** [GBG05]. **Circumpolar**
[BH85, CPO+19, CdD+15, CP07, OYKK+23, TFZS14]. **CITHER** [GA00].
**City** [Let87]. **cladocerans** [KOT+21]. **clam** [YAK13]. **Clarion**
[SLBH+19, SLPA+20, JSLA+21, RMG90]. **Clarion-Clipperton** [RMG90].
**clarity** [RKK+21]. **class** [DFH+16, DHB+21, SAB+22, YFK21]. **classes**
[CPPPEAG22, LBH+21, LLX+21, Peñ03b, PS98]. **classical** [vRGW10].
**Classification**

[WR00, CTP+18, DHB+21, LC10, MMF+17, MBH+23, WWW+23]. **Claus** [GBG05]. **Clausocalanus** [PMH17]. **Clay** [ORR+02, Tur65]. **Climate** [APC+12, BK08, BGL+17, CBC+06, CP02, DAvD+20, DAIS10, Dur09, FHG03, GML+23, HS02, LPF23, LS15, MLL+22, MHTG10, MCB+10, OÁT+05, PL01, PCH08a, RB20, SHT+01, YBS+01, ZK06, BM01, BMG13, Bre82, BDC+08, CDTM+21, Cai95, CALS+23, CAT+08, CB17, DL69, Don94, DMF+09, Dri11, DP13, DAKV99, FFA06, FPS+13, HMRA+03, HMWM00, Has82, HRSM08, HGB+21, HHW01, HHW22, HWLT10, HSC+16, HTV+20, HMH+15, INI+17, IIM+23, IIS+17, JTQ+18, JSA+08, KKB00, KC15, KA94, KYS+17, LAHI10, LMH+13, LNB13, LM14, LCPSMR+10, LS13, MPMFL+23, MDAW+19, MKB00, McI10, MBH+01, McK08, MNM06, MS00, MVV+19, MST+23b, NDEG22, NPO+19, NGPH10, NSE+24, ORPRGIS22, OWH14, OIC+23, PRTC13, PDAM+15, PCR+22, QLW10, RFFL21, RK03a, RAB+11, RKC+10, SLM+16, SJA+23, SBL+23, SSVP00, SMG02, SKSK06, SRFHDH22]. **climate** [Sha82, STJ+14, SYB+15, SAY+16, SDH+14, SON+20, SHF01, SBM+23, SAB+22, SKH00, SKT01, STGR+14, TKW06, TLH+15, TLP+16, TAO05, TSH+17, TSJC07, THM+14, VMV+23, WAH+20, Was11, WJPHB15, WWSJ07, dlHRA+18, LM10]. **Climate-driven** [RB20, OIC+23, PRTC13]. **Climate-forcing** [ZK06]. **Climate-induced** [GML+23, MLL+22]. **Climate-related** [CP02, PCH08a]. **climates** [HMH+15]. **Climatic** [AVG+19, CD65, CM14b, FHG03, ZLKO00, BGM+99, CMF+09, CS03, Don65, Don87, Kaz17, Kra82, KRL+22, Med87, Ola65b, SNZ+20, SCHD23, WHI+02, XYL+22, YAK+08, dMGS+11b, dMGS+11a]. **Climatological** [Ola65a, SK18, CPG+18, KS06, Mor91]. **climatologically** [CGMP14]. **climatologically-based** [CGMP14]. **Climatology** [DHL+21, ŠPM+22, TWBC+13, Cai95, CMHM18, HM08, KC15, LOC95, MW96, RZTD17, SKH00, WC15]. **CLIOTOP** [LM10, Ano10b, LM10]. **Clipperton** [JSLA+21, SLBH+19, SLPA+20, RMG90]. **CLIVAR** [STPHM+23]. **Closing** [MHA+11]. **closure** [HMH+15]. **closures** [JOGM+10]. **cloud** [WM13]. **cloud-free** [WM13]. **Clumsy** [KN10, KN11]. **Clupea** [GBT+19, Nag01, STF+13]. **clupeoids** [EBvdL+09]. **CMIP6** [SKCP23]. **CO** [LGG18, RCGC+16, SPK+19, ZDG+21, BL02, HLR17, SOWS17, BK19, BF01, CKP+20, CPG+18, CKM+21, DCD+23, EFC+23, EHSI12, FGS+15, GDSCU09, GSF+15, GLLB22, LM00, LGZ+20, lLdZQ+22, MKOLA20, OYKK+23, OKdA+19, PPKR14, RVS+21, TŠT+17, TAM+15, WD94, WBA+22, WST+16, WR03]. **Co-Editors** [WR03]. **co-limitation** [HLR17]. **co-occurrence** [SOWS17]. **co-variability** [BL02]. **coalescence** [WF17]. **coast** [AYH+23, BFH01, BBSN04, BSC+07, BM86, Bum73, CJMO87, CBB+02, CdTH+16, CCHM02, CLB+14, Con87, CJG88, DLM91, Eme65, FB01, FGGDF+04, HHB+01, HFW+98, HFO90, JJA+13, JJA+17, JJS03, KKB00, KP03, KGJ+10, Lie88, LPARF+20, Mar20, MMMWZ23, Mid69, Mit91, MMPG07, NEI+22, OÁSG+16, PELAA18, PKF02, RBPGJ+20, RN02, SST+17, STR01, TTMM+17, VSGD21, WHT86, BASS+20, FZ88, WLM07].

**coast-fjord** [SST+17]. **Coastal** [BLT+15, CWW15, FWO15, HMP+13, HFO+22, Huy83, JS87, KMMC09, KC15, KTW+22, Pai20, RMHL09, SBD+07, SP08, WF17, XLL+20, ZJZ+21, AJA+22, AR18, ASJ+23, ÁSFP+03, AAM+14, AMG+16, AJHC19, BTS+15b, BA04, BEP02, BMC17, BBPHG+11, BCM+02, BFJ18, BPGD+14, BPGC+20, BHLU+07, BMG+21b, Bri83, BLMR+20, BCG+08, CN22, CDH+13, CJMO87, CTF07, CSS+21, CAB+18, CC88, CLB+14, CCS+21, CGD+18, CNSHT15, CM14b, DLM+12, DNNNN16, DWC06, ESTM13, ES07, EHG+07, EM12, EHFD12, EBS+18, EHSI12, FC07, FTSF21, FAAV+15, FELJ16, FTG+18, FLUC08, FAH+13, GMBU12, GCCY+14, GMAMB04, GSVB23, GASV+09, GCB+22, GLF+17, GEO09, HSS+12, HHDS02, HLGA07, HYM+12, HEF+12, HSF02, ILI+12, JTQ+18, JAS+20, JJA+17, JHW+14, KCPM09, KOhL+10, KLC+15, KRL+22, LOG+09, LDB+02, LDD+22, LSB+17]. **coastal** [LSD+18, LLGS21, MERB12, MCG+02, MBCB88, MDGC+12, MFDH22, MGC+18, Mit83, MMF+12, MKOLA20, MDC+07, MGH+07, MTH+10, MA12, NHS+14, NXT+17, NIF+15, O'B83, OAWAN18, OAD22, PAM+88, PK02, PD15, PAVB+21, RCGC+16, RNBP+19, RTBR+22, RF17, RÁSG+13, RR01, RGM01, SCHBC+22, SRF+19, SAY+16, SHF01, SMPC+12, SAd+17, SPV+15, SCB+16, SCS87, Tol85a, Tol85b, TMKJ+09, USH15b, VSGC21, VDS+18, VVV21, VSPP14, WM13, WD94, WWL+22, WZFW16, WFS+15, WH89, YNTS22, YSY+19, Yos80, ZD17, vFB82]. **coastal-offshore** [WH89]. **coastal-shelf** [YSY+19]. **coastal-to-open** [KRL+22]. **coastal-transition** [GASV+09]. **coastally** [HW02]. **coastlines** [CB17]. **coasts** [HAA+14, Man69]. **cobalt** [SWT+17]. **Coburg** [RZW+23]. **Coccolith** [PGRP+18]. **Coccolith-derived** [PGRP+18]. **Coccolithophore** [KLIRK17, PHCA17, BRG+15, GBB+19, HBV+10, ISM+02, LCGH07, LSW+21, OVG16, VHV+12, Kru19]. **coccolithophores** [MPD+22]. **coccolithophorid** [WPW+14]. **Coccoliths** [MBP65]. **Cod** [HMA18, AHP19, BF11, BGL+17, BHMS09, Dol09, FKH+13, HLP+16, HvDL+17, HCGK11, KSG+17, LHC+21, LNB13, MHTG10, RKC+10, SLY+15, Tit20, VMH+21]. **CODAR** [SCB+16]. **coexisting** [SM16]. **Coherence** [LO07, FBS22, HMS+22]. **Coherent** [AVS23, MMF+17, NO14, CDDF11, MBS20]. **Coho** [AHC+13, BL02, IOGS13]. **Cohort** [SBFP21]. **Cold** [CS18, GLV12, YMK+04, ALG+21, BBB+14, BLC23, CVHM+18, CLG+22, FVA+19, GTS+21, HGD22, HHB+00, HDB13, JFG+90, KiL14, LZF+24, LRGV+18, LWT+20, MCB+90, MSGGM18, MRW+14, MHCS+23, MSV+14, OSH+96, QYF+24, SOWS17, SDB+21, TAF+22, VGJ+19, YW22, vHMDL14, Cia22]. **cold-pool** [GTS+21]. **cold-spells** [SOWS17, SDB+21, YW22]. **cold-water** [ALG+21, CVHM+18, CLG+22, FVA+19, LRGV+18, MRW+14, MHCS+23, TAF+22, VGJ+19, vHMDL14]. **colder** [HMH07]. **collaboration** [KY15]. **collaborative** [BN03]. **collapse** [BHMS09, DTC+06, LNB13, SGLF+13]. **collected** [MM80, SKF20, UKK+19]. **collection** [CLdPHL23, MLL+15]. **collective** [YSD15]. **Collins** [Ang80]. **Collisions** [WF17]. **Cololabis**

[OOTA15, WCS+23, XYL+22]. **colonial** [SIB+06]. **colonization** [TAF+22]. **colonizing** [KSKN21]. **Color** [KKS+19, BPGD+14, McK15, WMB+18]. **colour** [BBE+15, HHMB+09, KPSB17]. **Columbia** [CMHM18, FDM+13, GKS+13, GDM+15, LC10, RHBS13, STF+13, TSC03, BJ90, CM14b, EKB06, Ham90, JS90, JGS90, JSHB90, LMH+13, MB01, PMC16, SJH+90, SC90, SSM90a, SSM+90b, SMM+90, SL13]. **column** [CWZ+20, FTSF21, FK86, Her88, HGH+19, JJL+19, LPA92, NMK+03, NKK03, PPCWJ18, SHP+23, SDGVE17, SSTL16, SMP+22b, SBD+07, SYN+21, TDL+17]. **Comau** [MSV+14, ZHSMM14]. **Combined** [STEB16, SLY+15, FVLC+23, LSV14]. **Combining** [CDP14, CRiI+15a, LGL+18, WFS+15, TM13]. **cometabolism** [Sie88]. **Commemorative** [BDB+22]. **comment** [Ano87d]. **Comments** [dZTG05, GBM+01]. **commercial** [SEG+22b]. **Common** [MS02, CCM+14, FDB+21, SGL+18, SYB+15, TTMM+17]. **commonalities** [LSS+09]. **commons** [LPF+18]. **Communities** [HKGH+06, ACE+07, AAM+14, AV23, Ang89, Ano94k, AUE+14, BRR+22, BAM+09, BJMP19, BJMP20, BLP93, CDS90, CWB+22, Car98, CQZ+18, CMHM18, CGS23, CGD+18, DAU22, DCRR+22, DHHP18, FBR+13, FSAO22, FPY+16, GdRGC+14, GAPM16, HM90, HCC02, IG19, JMSB+23, KM10, KZD+19, KGJ+10, LT06, LDB+02, Law04, LMH+13, LMT+19, LEDR+22, LBC+15, Lon85, MCGR07, MSMH19, MSV+14, NHH+23, Nie07, OSH+96, PELAA18, PLEF+23, QOS+22, RLP+18, RÁSG+13, SPSV+20, SH09, TCL20, VPM+19, VKDS+18, gWjNfLyD20, WWW+23, WHS+23, XLL+20, YNTS22, YGMR+23, ZPC+16]. **Community** [CML+16, CSV+07, CGS23, GPP22, INT14, JSHB90, Kos93, LdCSB+20, MMES16, TSFA22, VDGGD+22, AMFY20, AMG+16, Ang79b, Ang84, AJHC19, ABT+04, BKD+20, BFJ18, BWB+09, BAOM+12, BLES16, CRGA17, CLSD18, CC88, CS03, CBM+21, CKT+13, CLMR23, Dag93, DDK+18, DSR21, Dom84, DBR20, EHFD12, EHG+12, FARRL+13, FFS+20, FLdST98, FMH02, FPS+09, GSFP+09, GFGGD+23, GMDD+22b, GASV+09, GWM+22, GHVG19, GvOSW11, GGQ07, GVKD+13, HHB+01, HGBG20, HLD+21, hHRW+05, HG04, IBW+01, JTQ+18, JYK+14, JFG+90, KP03, KOhL+10, KRHS14, LGK+93, Law04, LdSH+15, LSD+15, MT99, MG02, MERB12, MCG+02, MTC14, MDR20, MTK+22, NHSP23, OPH+24, PGY+22, PCM11, PJH+15, PBS22, Pug84, QSC+15, RPG+18, RBNJ+12, RBPGJ+20, RBHLA04, RAB+84, Roe84a, Roe84b, RB84, RJT84, RF17, RLR+18, SSB19, SNZ+20, SBB+22, STW+15]. **community** [SWZS+21, SST+17, SPWH21, TAW+15, TKSI08, TVT+23, TKW06, TPP+00, VGM+23, VHV+12, VMC+19, WFH+22, WLL+23, WMWR08, WHK23, XYK+22, XHW+20, YNMY23, YPVP+22, ZCV+19, ZLX+20, ZSBL00]. **Comparability** [LB20, BCF+03]. **Comparative** [Ano09h, BHLU+07, DM13, MLM09, MLHM09, THM+14, BHMS09, CRF+10, FBA09, GRDS10, HBL+13, Hey78, HSC+16, Mil88, PMMN+22, VPS09, VCM04]. **compare** [BBE+15, KHJ+10]. **compared** [FMH02, ROBRB+22]. **compares** [RN02].

**Comparing** [BE99, BAOM+12, GA00, JPM+08, LCBN14, MGE+12, MPN09, TTB+08a, WMWR08, WPA+24, WJPHB15]. **Comparison** [ABM+05, DCL+13a, DP13, FMC+20, HBV+99, JPBB20, SBLA10, WZBK+21, BMK12, BMO12, BWB+09, BF11, BMG+21a, CGV13a, CMM+04, CM09, CSK+12, CQC15, DHC+20, DDDT99, DAF+22a, DAF+22b, DMF+09, EBvdL+09, FPJ+15, GSFP+09, GRMB18, GA01, GDM+15, HMP+13, HW02, HKPV12, HKGH+06, hHRW+05, HVEF09, LDB+02, LSS+09, MB20, MDB+20, MHS+09, PL09, RK03a, RCS+11, SH09, SCB+16, WLM+22, YNTS22, ZSBL00]. **comparisons** [HRSM08, HHB+22, MPV12, TKK+05]. **compartment** [ESGP17]. **Compendium** [Ano10a, BPW10, PBOW10]. **Compensation** [BHK+19]. **compensatory** [RKS01]. **competition** [ÁLC22, CLB+13]. **competitors** [RSB+13]. **compiler** [Koc65b]. **Complex** [BAP+22, RA15, AGS10, BCB+05, SBLA10, TSL10, WSO+13, YGC+21]. **complexity** [Den03, HVS10, KKO10, MFS+16a, MFS+16b, MCH+12, RSG06]. **complicated** [Sie88]. **component** [Ang84, CDDF11, CP10, LLX+21, MKHO96]. **components** [FMC+15, HKGH+06, HvdLS+09, KKB00, MLD+03, McC92, MMF+12, ML09, MGH+07, SG91, Tal08]. **Composition** [GIPG17, JFG+90, PGT+13, ABSDC07, AJHC19, BS90, BHHR15, BJMP19, BJMP20, BAOM+12, BJ90, CSR90, CMF+09, CCW+18, DDE+95, DDP+00, DMD+00, DDD+00, DDCE+23, FMC+15, FMH02, FELJ16, FTHK19, GASV+09, GVKD+13, HCAFD+20, Hey78, HWL+20, HBH+17, HVEF09, IPHW+23, JLRB20, Kam19, KSR+01, KT04, KKS+19, Law04, LSB+17, LSD+18, LXC+22, LdSH+15, MG02, MCG+02, MFDH22, MWS+10, NKK+05, PVM+20, PPHM18, PGY+22, PD15, RCS+11, RCB+20, RBPGJ+20, RF17, SSB19, SM21, SBB+22, SPWH21, SHT+01, TVT+23, TWBC+13, TPM+00, VMC+19, WHK23, YMA+17]. **Compositional** [RBL+19, VCM04]. **compounds** [AB90, FK86, GLY23, LFBP+13, NEI+22, SGL+13]. **comprehensive** [BHH+16, CW06]. **compressibility** [Due77]. **computation** [MFM85]. **concentration** [ABS+20, BMC17, FRV+19, LTJ+15, MSC+15, MVC+11, NM17, SNR+10, UNN+14, VK90, WAH+20, Wil65, YIY+04]. **concentrations** [ABP15, Ban96, BK19, FGL+23, IHT+21, KTN14, LDD+22, PLHLF05, RNL+13, SM05, SKP99, TBW09, WM13, Whe93, WJE+92, YGMR+23]. **Concepción** [AMEV07, AMG+16, BM07, CPNL07, DLM+12, GGQ07, GMAB07, IVT+12, MDC+07, MGH+07, MA12, MSL+07, MDL+12, SLG+12]. **concept** [BRG+15, BMG13, CWW15, LRW+15]. **Conception** [CLMR23, DW02, FWO15]. **concepts** [CW06, PSK96, RCM+03]. **Conceptual** [TR99, HSN+18, WCB+20b]. **concerning** [WO85]. **Concholepas** [GKC+14]. **concluding** [Car97b]. **Conclusion** [Ano10a]. **Conclusions** [PBOW10, PAB+87b]. **Concomitant** [FFS+20]. **concurrent**

[KOhL+10, Min02, PVG+20]. **condition** [BWMGCB08, BFV+17, CQC15, DMC+18, FMC+20, GCD+18, GDL+15, HSG+15, HBG+21, MLB+20, VDB+20]. **Conditions** [EBS+18, ASJ+23, AMEV07, AAM+14, AKH+23, BP02, BH07, Ber65b, BL02, BASS+20, Cai95, CBB+02, CCS+21, CPNL07, CCM+14, DPB06, DWFP+19, DBC+23, DL17, DB02, EKB06, EMU+23, EHG+12, FSVL10, FDB+21, GCCY+14, GGQ07, HMP+13, Hey78, HFO+22, IPG+16, JST+24, KMU+12, KGJ+10, LBH+87, LBP15, LPF+18, LLAPG+22, LWBD+17, LGG18, MSd+16, MAFS+22, MMF+12, MGH+07, MKSW+15, NRS+19, Nag01, NRA+21, OMS+09, PGRP+18, RNBP+19, SF02, SS69, SGO+08, SCHD23, TTB+08a, THP21, VKDS+18, WHI+02, XRC+15, ZHBW01]. **conducted** [KDB95]. **conference** [MBH+01]. **Configuration** [WLM+22]. **configuring** [MCG+14]. **Confinement** [ZLG17b, ZLG17a]. **confirmed** [YLY+14]. **confluence** [RPPM+23, WR00]. **confocal** [PKA19]. **congeneric** [WSH15]. **connected** [FBS+18]. **Connecting** [Yu23]. **connection** [BPGC+20, GIC20, Kaz17, NRS+19, ŠVL+15]. **Connections** [XC14, Car98, TSS+12]. **Connectivity** [OACB+15, ALT10, CDTM+21, CZG+21, HLP+16, KAK+22b, LAHI10, RKCH15, SGMVF14]. **consensus** [BT07]. **Consequences** [LSH+11, Bea04, BMM01, CPC+02, JLP+20a, JLP+20b, KHD22, Leh01, RBF+09]. **conservation** [ALG+21, GKC+14, Kno04, LRGV+18, McD81a, SSS+11]. **conserved** [Nee85]. **conserving** [HAH+22]. **Considerations** [SJ18, DHB+21, dHA+04]. **considering** [CSC+12, His22, MRM+14, MCMT+17, XYL+22]. **consistency** [BCF+03, PGY+22]. **consistent** [HHWW20]. **consortia** [Sie88]. **constant** [Ång65]. **constituent** [AK97]. **constituents** [SBBV04]. **constraint** [Kiv97]. **constraints** [BCL+09, FKH+13]. **construction** [SLBR18]. **consumers** [WLP+21]. **Consumption** [SSM90a, LH89, Lon95, SRT+18]. **consumptions** [MRM+14]. **Contaminant** [ARDP14]. **contamination** [CGD+18, KFC+13]. **contemporary** [HKGH+06, Was06, Was15]. **Content** [Ano73b, CWB+22, CM14a, DMT15, FMC+20, Fra69, GvOS+08, GA10, HWPLvW20, KSG+17, OYKK+23, PPSVC+13, SRFHDH22, WLM07, Yas07a]. **Contents** [Ano64a, Ano65c, Ano65d, Ano69b, Ano85c, Ano86a, Ano87a, Ano89a, Ano92a, TRMV15]. **context** [BMN19, JFG+90, LFG10, VBL+21]. **contiguous** [CWW15, WKS+15]. **Continental** [BHE+98, BHPC06, BPP+98, CTKF+23, FLdST98, FKH+13, Gor92, HM98, KFM+17, LHEB98, MY23, OB98, PS98, SBPGP+23, TvW98, WAH+20, dWDB+98, vWHdS+98, ACK+13, ASJ+23, BHA+14, Bum73, CB06, CSG+15, CS06, Coo65, CFG07, DWH+14, DMD+00, DTOD00, DKRL22, DGGdR02, DCRR+22, DCL+13b, FZY+23, FJA+21, FARRL+13, FMWW14, GRD+23, GGG+18, GEP+08, HHK+22, HVTV22, HWLT10, HHH+12, HG04, HAH+22, HWF+21, Hut81, Hut87, HHK+02, IG19, JW01a, JCIG18, KSVT00, KY23, Kit03, LM18, LLL+11, LCBN14, LDB+02, LSIB23, MH02, MZ14, ON05, ORW+01, PCD+18, PPHM18, RGMPR23, RGPB+23, RAE+05, SCMAR+99, Sel65, SH09, SGO+08, SBD+07, SSL07, Sol00, TCN20,

TCDPP+22, TRLA+13, TvG02, TSRF14, TPP+00, TPM+00, VHV+12, WDMMK89, YMI88, YGC+21, YCP+12, ZCA21, dPCS23, vHVAT22]. **continentales** [Ber65c]. **Continued** [AvD15, KFM+17]. **Continuous** [BGMP03, BDE03, HFK03, JJS03, RWJ+06, UCB+18, VBL+21, WH94]. **continuously** [SMFM+21]. **continuum** [Coo69, LML+23, RBL+19]. **contraction** [BCT+09]. **Contrasted** [ERT+22, VBAC+21, BFV+17, GGA+05]. **Contrasting** [CDTM+21, SWT+17, TOKLC08, WCS+23, AGD+18, AKH+23, DAF+22a, DAF+22b, DL17, EMU+23, FPY+16, GvOS+08, GRdSS+22, HG04, KKNT23, LT06, LSM+22, LNB13, LdSH+15, MHCS+23, RNBP+19, SWP+13a, SH09, SCHD23]. **contrasts** [ST10, SQJ+17]. **contributes** [PMS+15]. **contributing** [SYN+21]. **Contribution** [GMAGH+17, GEO09, LSV14, MKS+22, AMEV07, AOMZ+23, BFH01, JJR+08, MMF+12, RKS+15, SMB88, WSC+21, Wüs64]. **contributions** [CPSM20, LNB13, SSB+20b, ZGZ19]. **control** [AHSS22, ACE+07, AUE+14, Dag93, FZY+23, GAF15, HS07, HLS+14a, HS02, HM06, KGdS+08, LLL+11, NGNV12, PPD+12, RGMPR23, WBC+22, YZX+23]. **Controlling** [MVN+15, CMC+16, CVBG21, HBV+99, HMKF08, LLGS21, SOS+07, SGS+23, VMC+19, XCH+16]. **Controls** [KSR+01, OMR+22, WAH+20, YSN20, BFV+17, CIL+23, CBPS+22, DWH+14, FBB+21, FRCH15, FPY+16, FDE+22, KDB95, LFBR+18, MLPN06, OPL+21, PAVB+21, Pow06, SR15, VPM+19, VCM04]. **controversial** [Cia14]. **convection** [AJA+22, KFG+03, McD81a, McD81b, PPdM+12, Sch03, TDGY22, YN03b]. **convective** [DLM+96]. **convergence** [RASVB+22]. **Converting** [FCEZ10]. **CONVEX** [Rea00]. **CONVEX-91** [Rea00]. **conveyor** [HS07]. **conveys** [STJ+14]. **convolutional** [KM22]. **cool** [BMG+21a, FMM+20]. **Cooling** [RKS01, SDGVE17]. **Cooperative** [ALV+21]. **coordinated** [DLM+96, ÖHÜ89]. **Copepod** [BHC+18, GHVG19, HCC02, HVEF09, LPHL+05b, LPHL+05a, MTK+22, YHRT22, AVK91, BEP02, BMdMS+21, BD20, BAOM+12, BMG+19, CCG07, Dag93, DWFP+19, DLJ+21, EHFD12, FELJ16, FCEZ10, Fro05, FB05, GBG05, GHC+17, GD91, HTG15, Joh04, MDGC+12, MTH+10, NGPH10, NGNV12, PD15, Reb02, SSTD+95, STS+12, SJJ+03, SJD10, TKSI08, UB10, WPB+08, WSH15, ZGB+20]. **Copepoda** [FMT15, GS19, GPP22, HLPL05, JC04, Mil88, NMN08, PMG15, PMH17]. **copepodites** [NMN08]. **copepods** [BVJE19, BHS+15, CTF07, CÁM06, CSK+12, DLD+19, DAF+22a, DAF+22b, HHB+01, HE07, HEF+12, IS19, JAC+12, KKKS14, KVNT20, KSKN21, KHP+18, LBP15, MMG+13, MSMR93, MFB+84, MC88, Mil93a, Nie07, OPG+10, PK02, Roe84b, SMN+13, SS03, SSV+11, THBA19, VJJ+22, WGG+08, YHLA+04, dPGSHL23, MN88]. **Coral** [GCF+19, MP04, ALG+21, CPPPEAG22, CALS+23, CVHM+18, CLG+22, CKL+14, CDB+24, FVA+19, KAK+22b, LRGV+18, MRW+14, MHCS+23, NYL+17, PRA+18, TAF+22, TKC+22, VGJ+19, WFJ+15, YW22, RDG+21].

**corals** [GGSM+20, vHMDL14]. **core** [CS18, CQO+15, LJ65, LXC+22, NC80, Soh03]. **core-use** [CQO+15]. **corer** [JPBB20, LB20]. **cores** [AS20, CD65, FAAV+15, Ola65b]. **correlation** [Ber65c, KC15, Par65]. **correlations** [Con87, Emi65]. **Correspondence** [CCS+21]. **corridor** [LRJ+15]. **Corrigendum** [ÁBMÁS15, BLAM00, BJMP20, Fei04, FDH20, GFB+15b, JLP+20a, KN11, Kru19, KMF+20a, MHS+20a, MFS+16a, RBS+20, RLSF07, SE09, SHC+07, dMGS+11b]. **Corsica** [GHL15, BMC05, Con87]. **CoSiNE** [ZCH+17]. **Costa** [SDS+22b]. **Could** [DWFP+19, IFC+07]. **counter** [ÁSFP+03, BTNK13, HMX+23, MCT03]. **counterclockwise** [TOiF+12]. **counting** [CTP+18]. **Coupled** [DWH+14, HKK12, LC22, BBE+15, CGZ+16, GL23, HLK13, HMH07, MMGL+07, PMC16, Pie01, PST+15, RFC+15, SGWF+19, SNV+18, SDJ14, TS10, USH15b, VBM21, WSL20, WSS15, WWZ19, WWSJ07, YWUK15, ZCH+17]. **Coupling** [FELMGM+22, HHDS02, HE07, STM10, BD20, CW06, DTW+00, HJLLN07, KLC+15, LHC+19, PAM+88, SHC+06, SHC+07]. **covariance** [WBA+22]. **covariation** [MHS+09]. **Cove** [GBB96]. **Cover** [Ano17i, Ano17j, Ano17k, Ano17e, Ano17f, Ano17g, Ano17h, CDB+24, DWFP+19, FMCG15, GW89, LSH+11, ORR+02, RBR+23]. **CPR** [BCF+03, BBE+03, BIL03, CL03, VR03]. **CPUE** [LOBG+10]. **crab** [AHRT90, BL02, BMN19, MGKW19, RKCH15, YFK21]. **crabs** [ZK06]. **crack** [GMD+22]. **crawler** [CAO+20]. **created** [BEI+20, WPB05]. **Cretan** [GCZ+00, GSPMAI99, KSPK99, SKP99, TBK+99, BTK+99, CLG+00, CLA+00, DDDT99, DDP+00, DMD+00, DTOD00, DDD+00, DTW+00, GSPMAI99, KSVT00, KKS+18, KTB+99, PLP99, PTI00, SK21, SCT+00, TZP+00, TPM+00, TVD+99, VCB+00, VKT15, VOT+99, WYT00]. **Crete** [TPP+00]. **Creus** [LRGV+18, DCRR+22]. **cristatus** [MFB+84]. **criteria** [Ano94k]. **criterium** [DFD23]. **critical** [BM01, Kir06, Sim81, WBA+22, vRGW10]. **Cross** [AFH+11, CCD+13, HPZC21, LMM03, ZAC+23, BASS+20, KFC+23, LZG20, MHS+09, PMC21, RCSHW22, WC15]. **cross-ecosystem** [MHS+09]. **cross-frontal** [KFC+23]. **Cross-shelf** [HPZC21, ZAC+23, BASS+20, LZG20, PMC21, RCSHW22, WC15]. **Cross-shore** [CCD+13, LMM03]. **crucible** [SEO13]. **cruises** [AFH+11]. **Crustacea** [JZ19, SBS90, Thu90, Roe84a, ACK+13, BBFS19, BHK+19, CHSB+21, GPP22, JPB20, JLRB20, MB20, MKD90, PMG15, PKA19, RBPGJ+20]. **crustacean** [ACL+18, HWL+20, PCR+22]. **crustaceans** [ACB+13, CJRÁ+13, SLBVRR+22]. **crustal** [IU14]. **crusts** [Gri22, VCM04]. **cryopelagic** [HKE+10]. **Cryptic** [GWGR+19]. **Cs** [AFH+11, IHT+21, KKS+03, PAF+11, SCMAR+99, SCLG+11, TAH+11]. **Csanady** [PCK+06]. **CSK** [ALV+21]. **CTD** [KSK21, KHM+88, PCBA+20]. **ctenophores** [RJT84]. **CTZ** [RBHLA04]. **culture** [PMMN+22]. **Cumulative** [BHK+16, TCS15]. **Current**

[AH10, AAM+14, ARG11, ABP+23, BBM+14, CCW+02, CBGC+08, CB09, CRT+22, CRHM12, CLdPHL23, DFM+21, DRD+07, DPF+20, EBR+14, FMC+20, GPAB+16, GDI+09, GBC+16, GCED22, Hau84, HLGA07, Hic79, HW02, HMS+22, Huy83, JBB+14, KSD84, KAK+22b, LO07, LQU07, LO21, LPF+18, LABD+24, LB02, MKM86, ML09, MAB+11a, MAB+11b, MFM15, PO15, REG+15, RMK+21, RD03, RZTD17, SFMA20, SDK84, Sim84, SKHD84, SP08, SBG+08, TTB+08a, TTB+08b, TBW09, TMÁGC+21, TSJ+12, XLL+20, ÁSFP+03, AASJ23, BPC+05, BPM+14, BC88, CP17, DDJ+21, FZ88, GDM+20, GGPG+19, Ike88, IHT+21, KMOM88, Ken88, LG22, Lie88, LGG18, LMM03, McC92, MS02, NNM+21, NH88b, NH88a, NPO+19, NC80, PSP+21, Sie69, SÖÜ94b, TWAL+11, TMH+16, TKW06, TKWI08, UCB+18, Web69, WWN+99, Yux88, Zen08, ASFB+13]. **Current** [ABE+15, AN04, AH80, Ant09, ABÁS+09, AE09, ABP15, BRB+01, BAT+98, BFR13, BDT+08, BB14, BL02, BLT+08, BH85, CCD+13, CdD+15, CF07, CP07, DSBP15, DLJ+21, ESTM+12, EB08, EBvdL+09, FRCH15, FFA06, FVLC+23, GW91, HvdLS+09, IMW+14, JTQ+18, JJR+08, JAJS08, Jón07, JJ08, KHL12, KL86, KAK+22b, LS20, LJPGC02, Lav09, LG23, LBP15, MPC+17, MJC+17, MCT03, MDR22, NJCD01, NBR+08, NHN+21, OBD+20, ORCH+19, Pai20, Par86, PBS22, RLL+09, RBPGJ+20, RFC+15, RBE+12, SGF+19, SGWF+19, SSS+11, SFS+12, SHL13, Sch83, SHD+21, Sek86, SBM+23, SKRM+95, SHT+01, STGR+14, TCN20, TWAL+11, TFZS14, Ven12, VAGMDRS22, WOW+14, WR00, YKWF21, YJ88, YYhT+17, ZLC+15, dSPF+23, YJW88]. **current-meter** [UCB+18]. **Current/Florida** [KAK+22b]. **Currents** [GSA+20, KZSH85, SBPGP+23, BBL+09, CTL+04, CP07, Dea85, DEW+97, FY88, FBS22, HBW17, Hut81, Hut87, Hut92, ICB+19, JJA+13, JSKM02, KAG+19, LG22, LG23, LGH+21, PL89, Pra97, RI86, Rog00, SVU02, STGR+23, TKC+22, WO85, WCS+23, XD95, YMI88, YSS14]. **curve** [McK08, Oll15]. **curves** [ED82, FGS+23]. **cut** [IST+88]. **CWC** [ALG+21]. **cyanobacterium** [LMT+19]. **cycle** [AYH+23, ADS+22, BNC05, BMM01, BDBJ01, BM07, CPG08, Car97a, CVBG21, CFG07, EALF08, Her97, HTdM+15, KYT+16, LB02, MLB+20, MST+23a, MW96, PRTC13, PST+15, RGC+01, RNBP+19, RG09, SVL+23, SSTD+95, TWMY08, TSFA22, VBA+18, WP91, WSO01, WCN+05, Yu23]. **cycles** [AH15, FRCH15, HE07, HTV+20, KRHS14, LK13, Lon95, MDC+07, RM93, SBD+07, TAO05, TDL+17]. **Cyclic** [DBC+23]. **cycling** [BSMC15, BHE+98, BGS+04, CBPS+22, DHDM22, FC07, HPC+20, MBP+11, MPM+17, MMF+12, OB98, PPCWJ18, RN06, SE16, SMP+22b, WMC+89, WD94, WH20, WRS+92]. **Cyclone** [PTZ+23, VVV21, BBB+21, KM22, LOO22, VBM21]. **cyclones** [LYM12, MMR+12, SCY+23]. **Cyclonic** [LKDL14, MD07, MZK+23, MSS+02, WOW+14, XHC+20]. **Cyclorhagida** [AM19]. **cygnus** [WOW+14]. **cyst** [BPTT19, SPF+23]. **cysts** [KPM+23, ZHBW01]. **cytometry** [LSM+22, LGL+18, SHS+05].

**D** [BHH+16, CNSHT15, MMR+09, SW01, Tho77, XRC+15]. **Dabob** [FB05, HL05, HPHL+05, PHLL05, PLHLF05]. **Daily** [PAM+88, CHC+12, WFS+15]. **Dall** [NHE+13]. **Dam** [Ore69]. **damming** [CMF11]. **Danois** [CSV+07]. **dans** [Ber65b, Rou65]. **dark** [BRD+15]. **Darwin** [BB65]. **Data** [dHA+04, ARD+03, ARH+00, ATC+19, AHC+13, ASR+20, BMGN15, BBE+03, BIL03, BBM+14, BDL08, BECA22, CFM+18, CL03, CLdPHL23, CGD+22, DTC+06, DHL+21, Egb97, EAB+23, FPJ+15, GCCY+14, GdRGL+01, GJ00, GA00, GAS+22, HMRA+03, HLS+14a, HHH+12, HM00b, KDL+01, Kiv97, KBSB18, LCBN14, LHE+13, LAGM+23, LB20, LHF+16, LM97, MDB+20, Man04, MB05, MAB+11c, MAB+11a, MAB+11b, MZGA+20, OMS+09, ORVES17, OIC+23, OÁT+05, PSP+21, PRC+20, PFW15, PHD+18, REG+15, RBS+20, RBS+22, RDL+91, Ric93, RWJ+06, RBS+09, SPC+23, SO91, SKCP23, TM13, TKWI08, TFZS14, TGR05, UPPS+21, VGJ+19, WM13, WCX+21, WSO01, WLM07, WLM+22, WFS+15, Woo18, WZC20, XLX+20]. **data-assimilative** [WLM+22]. **data-poor** [EAB+23, GAS+22]. **database** [VR03, dlHRA+18, SAA+15]. **dataset** [DHB+21, KS06, LGZ+20]. **datasets** [GCP08, PCBA+20]. **dated** [SCS87]. **dates** [ST65]. **dating** [Emi65, OE65, TAF+22]. **day** [Cai95, DJG+02]. **days** [HBD+18]. **dead** [WWL+22, WLL+23]. **Dealing** [LIH+12]. **Dease** [CML+16]. **Death** [GHVG19, Wal83, WKS+15]. **debris** [SGF+19]. **Decadal** [JG07, JCIG18, LAD+18, Lev88, LMC+20, SGWF+19, Wu13, CSS+21, DMT15, HDZY15, HHH+12, KLB+21, KKK+04b, LYM12, LDD+22, lLdZQ+22, MTC12, MCD+07, MHCS+23, Mol04, Mol22, NNM+21, OMS+15, QNK+22, SF15, SON+20, TSH+17, WHI+02]. **Decadal-scale** [SGWF+19]. **decade** [MWS+10, MMG+11, PHKS17, VLUC+07, WBD+15, dPAJ07]. **decades** [ABD+17, CBM+21, HBD+21, KOT+21, LWY07, LDMH09, McK15, MJC+17, PBB+20, PM13, RL23, SEG+22b, SEG22a, TKW06, VBL+21]. **decapod** [ACB+13, CSV+07, PPPdS20, PPdS21, Roe84a]. **Decapoda** [CHSB+21, ACK+13, Mar20]. **December** [Ano20s, Ano22-33, LM10, Ano98b, Ano99e, Ano03f, Ano04f, Ano07q, Ano11i, Ano12p, Ano16n, Ano17o, Ano19a, Ano21c, Ano22c, Ano23c]. **Deciphering** [RPRCAG+21]. **decision** [BMN19, JPM+08]. **Decline** [PBBH+22, BRG+23, Jac10, MPB+23, ONR+14]. **Declining** [RNL+13, WFR07]. **decompositions** [MNT14]. **Decrease** [PMS+15]. **decreases** [DLD15, VFS+15]. **dedicated** [BFPS06]. **Dedication** [vWM02b]. **deduced** [Soh03]. **Deep** [BS95, CF20, FBD18, dCFK17, FJ19, GDN+18, GLAHH+22, Hen85, JFEC13, Mun69, RGI05, SKF20, Tit20, VBJ+20, WWSJ07, ZBLF23, vHCY+20, ACK+13, ACB+13, AS20, AP20, AS96, Ang89, Ano94k, AUE+14, BW65, BRC+18, BSF95, BS90, BMNW01, Bil01, BKC15, BHC+18, BAB+19, BBRM20, BGS+04, CDS90, CCM+13, Car98, CGM+02, CMM+04, CSV+07, CPG08, CMF+09, CMF11, CJRÁ+13, CAO+20, CMHM18, CP19, CFML22, CTR+19, DDE+95, DTOD00, DP18, DOS+18, DGMM85, DBJ+15, ECGP01, Eri65, FPD+01, FPIJ85, FARRL+13,

FBT+22, FSVL10, FWL+15, GBM+01, GM19, GvOSW11, GBB96, GD85, GJ00, GGA+16, GGSM+20, Gri22, GVKD+13, HM90, Hau18, HS22, HGTP+19, HLCdP19, HCV+20, HWBT03, HG04, HWB+18, JPB20, JM19, JP90, JSLA+21, KSK21, Koc65a, KFC+13, KM22, Kos93, LM18, LF12]. **deep** [LRNK99, LFI+13, LB20, LSIB23, MGF+13, MGS90, MKD90, MNT14, McC92, MD07, MM80, MMN12, MM90, MSFZ19, NMK+03, NKK03, Ola65b, OT19, ORMR+19, PPdM+12, PPHM18, PMFNGQ21, PVB23, Peñ24, PPdS21, PVA24, PB94, PdMS+13, RGC+01, RLDC+13, RCC+18, RM97, RSW+23, RKM+07, Rot65, RSD+90, SSB20a, San73, SCB+09, SSKA19, Sha82, SSTL16, She65, SFAD+90, SLGI+21, Soh03, Sok90, SV97, SCT+00, SM16, SBS90, Tal08, TRLA+13, TCS15, TTF+22, TVD+99, TCL+15, Tur65, UPPS+21, VKGP+13, WO85, WGCS13, Web69, WWN+99, WHBW03, Wüs64, XHW+20, YTL+19, Zez90, ZKT88, vPRT90, vdS94c]. **deep-Mediterranean** [CTR+19]. **deep-ocean** [HWB+18]. **deep-pelagic** [LSIB23, RSW+23]. **Deep-sea** [FBD18, FJ19, Mun69, SKF20, VBJ+20, ACB+13, AS20, AP20, AS96, Ano94k, BRC+18, BS90, Bil01, BAB+19, BBRM20, BGS+04, Car98, CGM+02, CMM+04, CPG08, CMF11, CJRÁ+13, CAO+20, CMHM18, CP19, CFML22, DTOD00, DOS+18, ECGP01, Eri65, FARRL+13, GM19, GvOSW11, GBB96, GD85, GVKD+13, HLCdP19, HCV+20, HWBT03, JM19, JP90, JSLA+21, Koc65a, KFC+13, Kos93, LB20, MGS90, MKD90, MM80, MMN12, MM90, MSFZ19, Ola65b, OT19, PPHM18, RGC+01, RCC+18, RSD+90, SSB20a, Sha82, Sok90, SM16, TCS15, TTF+22, Tur65, VKGP+13, Web69, WHBW03, Wüs64, YTL+19, Zez90, vPRT90]. **deep-slope** [CMF+09]. **Deep-water** [Tit20, BW65, CSV+07, Gri22, HG04, PPdS21, SCB+09]. **deeper** [KY14]. **Deepest** [FTHK19, BHK+19, DSAB20]. **deeply** [JFEC13, ZLG17a, ZLG17b]. **deeply-mixing** [ZLG17a, ZLG17b]. **Deepwater** [DYL+15]. **define** [CSBL+15]. **Defining** [MD10, TCL20, ZWP23, HAP+16, PHKS01, SFS+12]. **definition** [Ban65]. **Definitions** [ORMB08]. **deglaciation** [ZLC+15]. **degradation** [FBR+13]. **Degraded** [CMC+16, VBJ+20]. **Degree** [HBD+18]. **Degree-days** [HBD+18]. **delays** [MMD+16]. **deleteriously** [HLPL05]. **delimitation** [JGB20]. **Delimiting** [LJM+16]. **Delphinus** [SGL+18]. **delphis** [SGL+18]. **delta** [CFC+18]. **demand** [GSSWK20, MMKS+21]. **demands** [WMC+89]. **Demersal** [KSVT00, ERT+22, FTC+16, GFB+15b, GFB+15a, HM90, PSA+19, VBJ+20, XYK+22]. **demographic** [BEP02, GTS+21, SGA+19]. **demography** [HRA+08]. **Demonstration** [BMG+19, RFC+15]. **demosponges** [SGA+19]. **dendritic** [AHD18]. **Dendrobranchiata** [CHSB+21]. **denitrification** [BHE+98, PLN+23]. **Denmark** [JJR+08]. **Dense** [BBB+14, PNF+21, RTN90, BGV+23, ISH+04, NAH+21, ONR+14, PdMS+13, RCC+18, RKM+07, SGL+17, UNN+14, VKT15, dZTG05]. **dense-water** [RKM+07]. **density** [BFB+20, CP02, DDK+18, GDN+18, Her88, JS90, KSVT00, Mol22, RCF+13, Sie69]. **deoxygenation** [BHK+16, CWS+21]. **dependence** [BBS21]. **dependency**

[KBF+08, KSK21, LMS93]. **dependent** [ACK+13, BECA22, OIC+23]. **depicted** [VNMS91]. **depicting** [BDP+06]. **depleted** [AIHB+07, MPN09]. **depletion** [ASB+08, PAVB+21]. **deployments** [BKD+20]. **Deposition** [GvOS+08, BJ17, GCD+99, JGO+98, LGG18, Ola65a, RDD+18, SvWRvB02, TAW+15, VOG+08, VBA+18, WDK+01, YSY+19, ZCLS20, dWDB+98]. **deposits** [LCJ+07, SCS87]. **Depth** [BLES16, BAB+19, FTC+16, Phl65, UAM05, ATS01, AHRT90, CDS90, Car98, CSMGS19, CSG+15, CCB+20, DW02, ED82, GGJ+10, HLTB+17, LT06, Lev88, PFW15, RSW+23, RLR+18, UKK+19, VFS+15, XY21, vRGW10, BHK+19]. **depth-distribution** [GGJ+10]. **Depth-related** [BLES16, FTC+16, UAM05, AHRT90]. **depths** [BMK12, CBL+19, HFO90, Mar20, OT19]. **Derelict** [GCF+19]. **derelicts** [Ric85]. **derived** [ASR+20, BMC05, BKD+20, BS95, Cai95, DHL+21, HMRB+03, HTdM+15, LCBN14, LC16, LW13, LLX+21, MDR22, PGRP+18, PLK14, RBS+20, RBS+22, RDD+18, SCMAR+99, SW92, SJ02c, SJ02b, SLH+19, SI97, WPA+24, WPB+08, ZD17]. **described** [JZ19]. **describing** [Ano94k, GLF+17, GLS08, PBN13]. **description** [AHW99, BDP+06, Bum73, FGSA97, GBG05, JGB20, Mil09, Mit83, Owe91, PMG15, Rud15, iSIS02, MFM85]. **descriptions** [CES+19, CP19, Mar20]. **Descriptive** [Hof81]. **Descriptors** [MLM09]. **Desert** [FAAV+15, RDD+18]. **Design** [Whi95, Ben85, SPC+23, SCY+23, TDH+95, TIOM16]. **desmosomatid** [JGB20]. **destinations** [LGH+21]. **detail** [AF10]. **detailed** [VMA+24]. **detected** [KCL+12]. **Detecting** [LHF+16, dHA+04, Man04]. **detection** [BECA22, BPGD+14, BLC23, OP18, ON22, Tho87]. **determinants** [SSS+11]. **Determination** [HF65, YKWF21, Koc65a, SC65, XD95]. **determine** [LJM+16, Pra04, Suk88]. **determined** [DEW+97, WSO01]. **determines** [PDAM+15]. **Determining** [SQJ+17, Dav99, FRCH15, SRAV19, WSS15]. **detours** [MIN+20]. **detrital** [LLL+11, SMM+90]. **detritus** [GMAB07, KBC+22]. **developed** [SFAD+90]. **Developing** [MCH+12, RSK+23, SJP10, XY20]. **Development** [CBHL07, HFK03, JHDT12, MN88, Mil93a, WCB20a, BMK12, Eme65, EBW+23, FHP83, GPEV20, GMDD+22b, KAH+16, PM13, PFHM10, RAB+11, SAB+21]. **developmental** [BM76, OAWAN18]. **developments** [FPJ+15, JAS+20, Szu12]. **device** [RLC85]. **devices** [AKAL20, ICB+19]. **diabatic** [WCN+05]. **diadromous** [EAB+23]. **diagenesis** [RGC+01]. **diagenetic** [GLS08]. **diagnosed** [APHGC+22]. **Diagnosing** [CSS+21, PKV18]. **diagnostic** [OACA20, YJS86, YLY+14]. **diagram** [Tom81b]. **diagrams** [Ric08]. **diapausing** [JC04, KHP+18, WBC+22]. **diapiric** [OSH+96]. **Diapycnal** [KY23, RPPM+23, HDB13]. **Diatom** [Fro05, RCB+20, AAML22, FPJ+15, FB05, HL05, HLPL05, ILA21, JTQ+18, KV13, KV18, KTW+22, MST+23a, OMS+09, PHLL05, PTPY+23, PMS+15, RFKC16, RF17, ST03, ST10, TSFA22, WPB+08]. **diatom-derived** [WPB+08]. **diatomaceous** [LvIKB07]. **Diatoms** [Don65, PMA+14, SYN+21, CLV+19, GDI+09, GGE+65, HHAR23, KV18, KBE+22, LPHL+05b, MDC+07, TKK+05, WPB+08]. **DIC** [PRL+18].

**dicarboxylic** [SCCJ+18]. **Dichato** [RBPGJ+20]. **did** [JvdLL+15]. **DIDSON** [GDN+18]. **Diel** [Her88, UPPS+21, dPGSHL23, Ang84, Ant09, BEP02, CDL+22, Dom84, GBB+20, HGD22, OACA20, OCH+18, Pug84, RAB+84, Roe84a, Roe84b, RB84, RJT84, RG94, SK17, ZGB+20]. **Diet** [ABE+15, BOMdP15, EBD+20, ESD+21, EBvdL+09, HHB+01, AGD+18, BFH01, BGM+10, BD20, CPG08, CQC15, DIQJ21, GMR+23, HGBG20, SHT+01]. **Dietary** [NHE+13, SM16]. **diets** [DWNN04, EBvdL+09, Gif93]. **Differences** [LBP+21, Tan99, ACK+13, AAMB+24, CP02, KJZ+12, LSS+09, RLR+18, WSH15]. **Different** [KCL+12, VPM+19, AMEV07, Bak01, BBL+18, CSMGS19, CGC+20, CCB+20, DDDT99, HLK13, HSK+19, HMH+15, IPG+16, KKO10, KGJ+10, MGH+07, PPKR14, Sie69, WZBK+21, XHC+20, YYK+12, YGMR+23]. **Differential** [Gar03, Due77]. **differentiation** [WLP+21]. **diffraction** [LGL+18]. **diffusion** [Gar03, RG03a, Wen88]. **Diffusive** [KFC+23, Fla02, KFG+03, McD81a, McD81b, ÖÜT93, PSGVS+14, WZFW16, YYK88, YN03a]. **diffusively** [TG81]. **digestive** [RMB+01]. **dimensional** [BBPHG+11, BASS+20, Coo69, Dav85, DJ92, GWB14, Kaw86, KDF97, LHC+19, MR03, MAB+11c, MAB+11a, MAB+11b, SGMVF14, WB03, XD95, YHZ+22, YWUK15, YFY05]. **dimethyl** [ZPY+20]. **dimethylated** [GLY23]. **dimethylsulfide** [FLDF22, ZBY+22]. **Dimethylsulphide** [FPS+09]. **Dinoflagellate** [BPTT19, ST10, KPM+23, MPMA13, OMS+09, RSM+23, SPF+23, Sma10a, Sma10b, VMV+23, ZHBW01]. **dinoflagellates** [CM14a, PMA+14]. **Dinophysis** [DRVMC+22, PMMN+22]. **dioxide** [FLUC08, KBHML17, XCH+16]. **dioxins** [CJRÁ+13]. **dipole** [SW22, RHB23]. **Direct** [ITO+14, JSKM02, LGK+93, Web69]. **directions** [MPC12, PV18]. **disadvantages** [KSY+19]. **discharge** [AJHC19, CKB+17, CTI+19, FMWW14, GdRGC+14, WBH15]. **discharges** [LDMH09]. **discovered** [GKS+13]. **Discovery** [WTT14]. **discrepancy** [HL05]. **discriminate** [LSD+15]. **discriminated** [BCLD+17]. **Discrimination** [YGL+10]. **discussion** [MSFZ19]. **Disentangling** [HGB+21, HLCdP19]. **disequilibrium** [AYK+05]. **disjunct** [NHG19]. **Disko** [HJLLN07]. **disparities** [HS07]. **Dispersal** [HPW10, JGO+98, PHFK14, PPdS21, ALT10, CZG+21, DCM16, GKC+14, GGJ+10, GHC+17, JLRB20, JLP+20a, JLP+20b, LAHI10, LYZ16, LAGM+23, MKSvA+22, OOTA15, QCdS+07, SNV+18, TTMM+17, TKC+22, TMR+21, VMH+21, VOJD02b]. **Dispersion** [ZLG17b, ARDP14, Gar06, IAN13, MMIB10, OC06, San15, SVIA14, ZLG17a]. **Dispersion-Confinement** [ZLG17b, ZLG17a]. **displacement** [SDGVE17]. **displacements** [LO21]. **Dissecting** [XHW+20]. **dissipation** [Car97a, Kat18, LL97]. **dissolution** [GTR01, TGR05]. **Dissolved** [DHDM22, MPCNC+19, VFCC+22, BFJ18, CDS90, CLL+18, DGH+20, FZY+23, FTG+18, FGL+23, GLAHH+22, GF19, HOY+21a, JZZY24, JMG+13, KFC+23, MNFY21, OB98, RFSCF19, SHd13, SWT+17, SIS+14, TBW00, WLM+13, XYGJ23, YT06, YTB+21, ZNR+24, ZMW+23, ZKK+16,

ZSY+22, CMPNC+22]. **distance** [JLP+20a, JLP+20b]. **distinct** [CdD+15, DBRK17, PMM+23]. **Distinctive** [AJA+22, MCGS+16]. **distinguished** [YRKC08]. **Distinguishing** [Pie01]. **distributed** [THM+14]. **Distribution** [AYH+23, AE09, CF20, EBM+21, ECFT20, GMAMB04, KT04, KMF+20a, KMF+20b, LDAM+07, LRAE23, LM00, LCR+93, lLdZQ+22, MSA+22, MPTMK22, NMLBCM+01, PL87, PBD+88, SPF+23, SGL+13, SGA+19, STS+12, SBS90, TZP+00, YCP+12, YAI+14, AHSS22, AEP+23, AGD+18, AOMZ+23, AHRT90, BM76, Ban64, BSF95, BLI+99, BCLD+17, BHB+19, BDL08, BGB+08, BECA22, BBFS19, BHC+18, BJ90, BSH+20, BTV+17, CAH+22, CSR90, CGV13a, CB06, CMM+04, CTF07, CMPNC+22, CLB+13, CLG+00, CS06, CFG07, Cra09, CNSHT15, CJG88, DDE+95, DGP+13, DLL+23, DGGdR02, DAU22, DCRR+22, DDCE+23, DAIS10, DIQJ21, EAB+23, EKB06, EHG+12, dCFK17, FTG+18, FTHK19, GCLD19, GHF+21, GPP22, GGJ+10, GSA+20, GBT+19, GBB+20, GGA+16, GMDS20, GAS+22, HGD22, HVTV22, HFNG00, HKPV12, HOY+21a, Hob10, HF10, HCGK11, IMM+22, IHY+01, JS90]. **distribution** [JC04, JMZ23, JSHB90, JAJS08, JHW+14, Kam19, KSK+15, KFM+17, KGdS+08, KVNT20, KSKN21, KDB95, KHP+18, KFH+15, LJ65, LF12, LOBG+10, LLGS21, LRGV+18, LPARF+20, LSIB23, MCB+90, MSC+15, MGWZ20, MBdM+18, MPCNC+19, McG64, MS17, MPSD15, MBB+96, MFA+15, MWFH02, MGH+07, MKMF+89, NHH+23, NCC+15, NMN08, OSH+96, ORMR+19, PSL87, PPSV+18, PJS+22, PPVG12, PRC+20, PPSVC+13, PWZ+16, PK02, PDAM+15, PCC+19, PLHLF05, RLDC+13, RCB+20, RAP95, RMB+01, RG94, SOS+07, SSB20a, SIR+07, SM21, SBK+95, Sie69, SAY+16, SCC+19, SSV+11, SDL+19, TPRS10, TBW00, TIOM16, Ver91, WMB+21, WCX+21, WSS15, WQ08, XYL+22, XNT+17, YTB+21, YSY+19]. **Distributions** [HHY03, SIS+14, Ang79b, Ang84, ATC+19, ABP15, BSW86, BMG+19, Bri79, BASS+20, CDH+13, CIL+23, CGM+02, CBOP15, CCM+14, CW02, Dom84, DHL+21, DTKvH15, FCN+19, FW91, GBC+00, GMR+23, Hau84, HSLG11, KCPM09, KTIT22, Lev88, MHCR+12, OYKK+23, OCH+18, Par65, PBP+99, Pug84, RB20, RAB+84, Roe84a, Roe84b, RB84, RJT84, SMN+14, SWT+17, SK18, SBE+20, SW21, TCDPP+23, WGG+08, WL16, Yao88, ZHBW01]. **disturbance** [GWK17, RLR+18, dJSL+20]. **disturbances** [His22, LL21]. **diurnal** [CIL+23, PVV23, Rou65, SNS+22, vHMDL14]. **diurne** [Rou65]. **dive** [HHP10]. **Divergent** [FMCG15]. **Diverging** [HSG+15]. **diverse** [HGB+21, IG19, MRBS+24, OSH+96, RSW+23, SKH+23, SPH+15a]. **diversification** [GWGR+19, HS22]. **diversities** [RTBR+22]. **Diversity** [BBFS19, BGWP+17, BTV+17, DCRR+22, EBW+23, GGA+16, Mar20, PJS+22, PAPL15, ABE+15, AS96, ÁLC22, BMdMS+21, BWB+09, CMF+09, CTR+19, DDK+18, DNNNN16, DBJ+15, DBR20, FTC+16, FBT+22, GCC+24, GFB+15b, GFB+15a, GLV12, GRdSS+22, HEF+12, HTG15, JPB20, KSVT00, KKKS14, LWBD+17, MGWZ20, MJD+21, NGNV12, OVG16, PTPY+23, PPD+12, QOS+22, SBS90, VWDF14, WPBG+18, ZWM+15].

**Dividing** [RSB+13]. **diving** [FDB+21, STEB16]. **DMS** [MY23]. **DMSP** [CM14a, FPS+09, MY23]. **DMSP-lyase** [FPS+09]. **DNA** [CBL+19, JM19, RSM+23]. **Do** [HLD+21, KCPM09, PCR+22, TKC+22, NGLSSG14, Ric22, RMB+01, RSM+23, SMKK21, Zez90]. **DOC** [OB98, SHd13]. **documented** [SBMB18]. **Does** [LPHL+05b, SCC+19, WBC+22, XRC+15, ALT10, CPC88, Dag93, FMWW14, GCCY+14, IL20, MAH+15, SGLF+13, UAM05]. **Dohrn** [GCLD19]. **doliolids** [IMM+22]. **dolphin** [SGL+18]. **dolphins** [LPF+18]. **DOM** [CMPNC+22, CDB+22, CMPNC+22, MPCNC+19, MZ14]. **domain** [TSJ+12, CWW15]. **domains** [CLV+19, MWFH02, WKS+15]. **dome** [SDS+22b]. **Dominance** [JJA+17, ERT+22, PFW15]. **Dominant** [HDZY15, AVK91, INI+17, MGH+07, SLBVRR+22]. **dominate** [CBT07]. **dominated** [BTNK13, TPPG10, Whe06, XLX+20, ZDG+21]. **Dongsha** [HWF+21]. **Dosidicus** [ATT+08, BGM+10, RS10]. **Double** [McD81a, McD81b, PSGVS+14, KFG+03, ÖÜT93, RG03a, RG03b, TG81, YYK88, YN03a]. **double-diffusion** [RG03a]. **Double-diffusive** [McD81a, McD81b, PSGVS+14, KFG+03, YN03a]. **double-diffusively** [TG81]. **double-infusion** [RG03b]. **Douro** [MSd+16]. **down** [AH10, AF10, BVJE19, CGM+02, FZY+23, FFA06, HS22, HM06, MLPN06, OWR+07, PPD+12, RGMPR23, SIB+06, YNMY23, ZK06]. **downcore** [SLG+12]. **downscaling** [LPF23, SCLS10]. **downstream** [TOiF+12, WWL+22]. **Downward** [SCT+00, BS02, FUOG+16]. **downwelling** [ABS+20, BLT+15, LPF+21]. **Dr.** [Ano20u]. **Dragon** [GKS+13]. **Drake** [CLV+19, CP07, GWGR+19, Spr08, VKDS+18]. **Drastic** [KOhL+10]. **drawdown** [TRP+23, TAM+15]. **drift** [Coo65, HKPV12, HMA18, ICB+19, MK86, SCHD23, SOO+14, VBL+09, YSS14]. **drifter** [LKDL14, LC16, TM13, TFZS14]. **drifters** [AKAL20, BBM+14, GL06, ICB+19]. **Drifting** [Ric85]. **driftnet** [INI+17]. **drive** [BMG+21a, CCB+20, GSA+20, GRD+23, LBC+23, RAB+11, WCS+23, YFY+22]. **Driven** [SBPGP+23, BBS21, BBS23, CLY22, CBM+21, FMP19, GW91, KQP+17, MHGGS19, NNM+21, OIC+23, OÁSG+16, PRTC13, RB20, SDGVE17, Sek86, SC23, SDO+14, TAW+15, TG81, WHBK05, WHBW03, XWL+22, vHCY+20]. **driver** [MTK+22]. **Drivers** [BTS+15a, CM18a, GHL15, IMM+22, OVG16, OHH+22, BBL+18, CLD22, CMPNC+22, EBR+14, FJA+21, GBT+19, HSGJ23, HVTV22, HLD+21, HPW10, KPSB22, KHP+18, LJM+16, LM18, LFCSV+13, LDMH09, MPCNC+19, MCKS17, PVM+20, PGY+22, PSA+19, RCSVGP+16, SHP+23, SBL+23, SLH+19, TAM+15, VSGD21, VDB+20, YPVP+22]. **drives** [APC+12, SOO+14, ZWM+15]. **driving** [NRA17, Woo18]. **drop** [CMF11]. **droughts** [Has06]. **dry** [Ken88, KAK+22b]. **dryer** [JTQ+18]. **dual** [LH08, TSJ+12, GDN+18]. **dual-basin** [LH08]. **dual-domain** [TSJ+12]. **Dual-frequency** [GDN+18]. **due** [DLD+19, IST+88, KLC+15, LRJ+15, SAY+16, YHRT22]. **Dungeness**

[BL02]. **duration** [FP03, GGJ+10, STHM02, WO15]. **during** [AMFY20, AAML22, ABD+17, ABS+20, AYK+05, AVK91, AVG+19, AKH+23, ABP15, BC91, BGM+01, BIST01, BCM+02, BRD+15, BPC+05, BM07, BASS+20, CAH+22, CCW+02, CTF07, CB91, CJMI+91, CFC+18, CBD+24, DW02, DRVMC+22, DHDM22, EKB06, ESGP17, EMU+23, FB01, FGGDF+04, FWBC02, GWB14, GFGGD+23, GMDD+22b, GCZ+00, GIHJ23, GA10, GMAB07, GRS08, GAM98a, GAM98b, HMB+86, HGPFN+14, HFW+98, HCC02, HHSR07, HBH+17, HCGK11, HSF02, JJA+17, JS87, JC88, JSKM02, JMZ23, JST+24, JW01a, KKB00, KIS+05, KBHML17, Kos02, KC02, KNI+05, KYS+17, LBH+87, LPHL+05b, LPHL+05a, LGR+02, LBH+21, LC22, LXC+22, LOO22, LCGH07, LWBD+17, LDMH09, MSMR93, MG02, MRMD+97, MMR+12, MST+23a, MHA+11, MPD+22, McG64, MBB+96, MWS+10, Mil93a, MSA+22, MIW91, MSS+02, MMF+12, MFM85, MPTMK22, MGH+07, MHCR+12, MA12]. **during** [MEMC05, MJA+07, NSE+24, NBR+08, NKK+05, NST+23, ORW+01, OELP04, OEL+14, PBB+20, PVG+20, PPdM+12, PTP+22, PELAA18, PAM+88, PK02, PHLL05, PWMIM91, PVV23, PLN+23, PNF+21, RAP95, RVS+21, Sai65, SLG+12, SLBVRR+22, SMdG02, SGMP15, SMP+22a, SWT+17, SZG06, SKF20, SEG+22b, SEG22a, SW01, SPH83, SMGL01, STW+15, STR01, SYN+21, SDL+19, TMN+12, TII+14, TSAM+22, TFM03, TSFA22, VSGC21, VHV+12, VDGGD+22, Ver91, WFH+22, WP91, WLM+13, WLM07, WDMC02, WHK23, YMA+17, YNMY23, YLL19, ZBY+22, ZLC+15, ZDG+21, dPAJ07, dFKdLZTT17]. **dusky** [LPF+18]. **dust** [LGG18, Qiu15, RDD+18]. **dust-derived** [RDD+18]. **DWBC** [FKZ+15]. **dwelling** [KFC+13]. **DYFAMED** [CLL+18, HLM+13, MMG+11]. **Dynamic** [LB02, TAW+15, TJ90, AMG+16, GCCY+14, KHS+14, Kaw86, Kit03, KMU+12, Leh01, MB01, PHKS01, PBN13, RSMIS03, Ric15, RG94, Sac16, TSH+17, VDS+18, XDG+23, YAK+08]. **Dynamical** [RHB23, Tho95, HKL+15, PC87]. **Dynamics** [AYK+05, Car98, DTOD00, DGH+20, KIS+05, Kir06, LSM+22, LSB+17, LSD+18, LZG20, MFS+16a, MFS+16b, MYH+22, MMG+11, SFMT12, SFMT14, SBPGP+23, WHIH97, AEP+23, AHP19, AS88, AOMZ+23, Ano94c, AG22, ALM+23, AKH+23, BDP+06, Bak06, BBB+14, BFJ18, BHLU+07, BRR+12, Bri83, BB10, CRGA17, CGL+20, CKB+17, CML+16, CWZ+20, CGMP14, CSV+07, CMS+13, CSS+21, CÁM06, CMHM18, CLG+00, CS16, CCD+13, CRiI+15a, DAvD+20, DAvD+21, DCD+23, DXH+02, DBW+22, DLL+23, DZ04, DL17, DBRK17, DLJ+21, DCL+13b, DK07, EMU+23, FBS+18, FFA06, FK99, Gam14, GCB+22, GCV+24, GCD+13, GBC+16, GRD+23, GCFS06, GC14, GZCL23, HPS+01, HPC+20, HSK+19, HMP+13, HvDL+17, HGH+19, IVR+13, JB15, JvdLL+15, JHM+22, JMG+13, JCF+23, KKS+18, KBC+22, KHC+99, KHD22, KMB01, KAK+22a, KMS+24, KSKN21, KS15, KNI+05, LGK+93]. **dynamics** [LSM08, LMS10, LG23, LNB13, LFG10, LZCZ05, LGH+21, LS12, LS15, LGD+20, MHGGS19, MGA+23, Mau10, MY92, MKM93, MFDH22, MS00,

MMD+16, NMK+03, NKK03, NHSP23, NHN+21, OVR+02, PVC+08, PMMN+22, Peñ03b, PV07, PMC16, PVB23, PST+02, PWMIM91, PCH+08b, PDD+22, Pra91, REG+15, RTF+05, RHB23, RGPB+23, RKC+10, SBMB18, ST03, SHd13, SDK84, SPH+15a, SDH+14, SPN98, SPK+22, SLH+19, SGR+22, TTMM+17, TTB+08b, TG81, TFZS14, VFCC+22, VGM+23, VHV+12, VSC01, VOJD02a, VOJD02b, WCX+21, WZBK+21, YGC+21, Yos80, Yu23, ZLG17a, ZLG17b, ZDG+21, ZPC+16, ZFSV+09, vWM02a].
**dynamique** [Ber65c]. **DYNAMO** [Ano01a, MLW01]. **Dysfunctionality** [AM10, Fly10].

**E.** [GBG05]. **each** [CBL+19]. **eAP** [WCC+20]. **Earlier** [KGB+23]. **Early** [BSF+21, FMT15, NNFL21, PSK96, AHP19, AHC+13, BLT+08, CCM+14, DML+16, Dea85, EKB06, FVLC+23, FCN+19, FMW91, GPEV20, GKS+13, GDM+15, GiIKX22, HBG+21, HPW10, IMHL07, KSK+15, KBF+08, KLP+17, LSY+14, LBC+23, MVBC+21, NHG19, PDAM+15, RGC+01, SLY+15, Tho87, TMR+21, TRP+23, VMH+21, WZ04, YJ88, dFKdLZTT17]. **earth** [Ång65, GSPP+20, CR97, GCD97, Kag97, Bak83]. **earthquake** [CLB+14]. **earthquake-induced** [CLB+14]. **East** [Ang84, AYH+23, ALT10, CSC+12, Dom84, HCV+20, HWS+07, LC16, LCJ+07, LXC+22, NGNV12, ORMR+19, Pug84, RAB+84, Roe84a, Roe84b, RB84, RJT84, TTL+04, VHV+12, ABSDC07, Bum73, DMBHG10, JJS03, KMOM88, Lie88, Man69, MKM86, MM90, STJ+14, TMH+16, Yin88, ZSH+24, CPG+18, CTL+04, CS03, Cho86, DL17, DCS+22, GCCY+14, HMRA+03, HOY+21b, hHCK01, HSH97, ITM86, JJR+08, JS87, JJL+19, JZZY24, JAJS08, Jón07, JJ08, KKK04a, KKK+04b, KPM+23, KHM+88, LSF+17, LGH+21, MLL+22, MY23, MH14, MKS+22, NC80, NBR+08, NHN+21, ORCH+19, PMG15, Pai20, PO00, PL18, RD03, RI86, SN24, SW12, Suk88, SP08, TM13, TKW06, TKWI08, WGZZ19, YIY+04, YKS+12, YMI88, YJS86, YJ88, YPM+10, Yux88, ZKT88, ZLS+04, ZLR+07, ZGZ19, ZSY+22, ZZWL06, vHVAT22].
**East-Pacific** [vHVAT22]. **East/Japan** [CTL+04, JJL+19, KKK04a, YPM+10]. **Eastern** [KHC+99, KTB+99, AMY+23, AJA+22, AALM06, ADS+22, BM76, BPF06, BTK+99, BE99, BCLD+17, Ber65b, BHS+15, BHC+18, Bri79, BDC+08, CARBML+22, CGV13b, CC88, CS16, CMF15, DDDT99, DVL+99, DBC+23, DMT15, ECGP01, EBvdL+09, FÁFL06, FCMCÁS19, FT06, FL06, FMP19, FK99, GPP22, GTS+21, HSS+12, HMTL05, HPB+09, HFNG00, HLP+16, HHMB+09, HFO90, HVEF09, ISM+02, KKB00, KSV08, Kes06, KJH+22, KH09, KFH+15, LBNBM13, LRNK99, LFA+06, LKDL14, LW85, LSW+21, Luk86, MT99, MGG22, MST+23a, MLK+09, MC15, MNM06, MWFH02, MWO+12, NCH+07, OLH+18, OPG+10, PBB+20, PMK+06, PLEF+23, PDAM+15, PLB+23, PP10, PST+15, RMG90, RKCH15, RGPB+23, RR01, SCLG+11, SCHBC+22, SRAV19, SGS+23, SH09, STHM02, SSN23, SLPA+20, SNMW10, SGR+22, TJ73, Tan99, TMKJ+09, TPRS10, THM+06, VOT+99].
**eastern** [WF06, WF07, WSL20, WCC+20, WFR07, WHI+02, WLL06,

WTH12, XWW+21, ZK06, ZWP23, ZLZ+17, vAB96, Ano09h, BMC+10, CM09, Cia14, DDE+95, DRE+08, DGMM85, EMU21, FGSA97, FBA09, FAB+09, GBC+16, JHM+22, KKS+18, Kat18, KMU+12, KEV10, LBH+87, MLPN06, NDEG22, PJS+22, Phl65, PGC+96, PLN+23, RKM+07, SPH+15a, TPN+18, TVD+99, VKT15, VOT+99, WFBN+13]. **eastern-Mediterranean** [DDDT99]. **eastward** [BPSGP+23, FGR+06]. **eaux** [Rot65]. **Echinoderes** [AM19]. **Echinodermata** [MMK19]. **Echinoderms** [MDG+19, PJS+22]. **echinoids** [SM16]. **Echiura** [GS19, MA20]. **echiurans** [MA20]. **echo** [ZZPL18]. **echosounder** [ON22]. **eco** [Lav09]. **eco-regions** [Lav09]. **Eco3M** [BFPS06]. **ecohydrographic** [KAAK+16]. **Ecological** [CQO+15, CLG+22, EAL+07, Fly10, GVBV+21, GHC+17, GRB+08, MP04, SEO13, BRG+15, BMG13, BEH19, CAO+20, CRS04, DFM+15, DFH+16, FVA+19, GMD+22, GA01, HSMLDC+22, HFS+20, HBW17, HLD+21, Igu04, JHDT12, LAGM+23, LM14, LSH+22, MDGC+12, MGC+18, MIH06, MR03, MCH+12, OOTA15, POS+07, PRC+20, PBO10, PM13, PYKF15, RSK+23, SHD+21, TMÁGC+21, VPM+19]. **ecologically** [FACM+23, SFS+12]. **Ecology** [McK04, SRK15, Ang89, BFB+20, BLI+99, BRH+05, CCG07, CDL19, CH07b, CSM+15, CLCBB19, DM13, DKRL22, EBM+20, EBM+21, FDB+21, GD85, HS22, HMP+13, HWBT03, JSLA+21, KHS+14, MM80, MPC+17, MHVS19, PGLG+05, PHCA17, SFS+12, THM+14, YGMR+23, dB94, WHG+16]. **Economic** [McI10, GRDS10, JHDT12, MBF+14]. **ecophysiological** [THBA19]. **ecophysiology** [PBB+12a, PBB+12b, PRTC13]. **ecoregion** [BRR+22]. **ECOSystem** [Mau10, Ant09, AYK+05, BDG+17, BTS22, FK99, GCFS06, GBC+15, Hea12, JSA+08, JBB+14, KNI+05, LL21, MP13, MOSN+13, ML09, MBD+09, PHD+18, PCH+08b, PL09, SCD+07, SDP+22, SKGS20, YFY05, ABE+15, AN04, AF10, AM10, AGS10, AHC+13, ABÁS+09, BCB+05, Bak06, BW08, BLR+23a, BMB+16, BCM+02, BRD+15, BMM01, BDE03, BHMS09, CARBML+22, CSS+21, CALS+23, CSC+12, CHB02, CAB+99, CRiI+15a, DKRL22, DLL+23, DSR21, DPH+18, DPR+18, DWC06, EGP+18, FFA06, FACM+23, FLDF22, FPS+13, GMBU12, GLF+17, Gir15, GRS08, GCP08, GEP+08, HVS10, HFS+20, HSG+15, HGB+21, HSC09, HBD+18, HvdLS+09, IMM+22, JPM+08, JHDT12, JLS+22, JPBB20, KKB00, KHL12, KTH+21, KIS+05, LR07, LOG+09, LLL+11, LCBN14, LML+23, LDH90, Leh01, LSM08, LSXT01, LFG10, LIH+12, LHW+20, LCANAS+07, LDMH09, MLL+22, MRM+14]. **ecosystem** [MRA+19, MRSS02, MGS90, MV10, MKHO96, MBH+01, MSI17, MHS+09, MLM09, MLHM09, MS00, MSB+23, NYL+17, ORVES17, OAWAN18, PL01, Peñ03b, PBH+10, PBN13, PPD+12, QCdS+07, REG+15, RCS+11, RBD+07, RGMPR23, RRLS22, RN06, SGWF+19, SSL08, SJP10, SBLA10, SRM+10, SCB+07, STGR+23, TTB+08b, TCL20, TKWI08, Tit20, TFM03, TS10, Tur99, VBL04, WSS15, WFJ+15, WPH+10, WPB05, WJPHB15, YFK21, YZX+23, YWUK15, ZLKO00, ZLS+04, ZWM+15, dLLdAWL+23, dMGS+11b, dMGS+11a, dPCS23, TTB+08a, TTB+08b]. **ecosystem-based**

[HFS+20, JHDT12, WFJ+15]. **ecosystem-level** [PBN13]. **ecosystem-linked** [SSL08]. **ecosystemic** [YPGE+10]. **Ecosystems** [Ano09h, BCS09, Bel09, CM09, FAB+09, IGG+19, KSE+09, BDP+06, BH07, BWB+09, BHMS09, CSBL+15, CCB+20, CS04, DM13, Den03, DMF+09, Dri11, DP13, DAKV99, GSFP+09, GAF15, GML+23, GLH13, HAA+14, HM06, HPH+08, HDA+16, HBD+18, JAS+20, KCPM09, KGL22, Kno04, LDD+22, LSS+09, Man04, MBCB88, MFS+07, MSF+07, Mau17, MLK+09, MS15, MPN09, MBD+09, PS08, QSC+15, RK03a, RKK+21, Sie88, SPV+15, Tan99, TCS15, TMKJ+09, TAM+13, TSJC07, Was11, Was15, Woo05, YBPS08, dlHRA+18, FBA09]. **Ectinosomatidae** [GS19]. **Eddies** [PLEF+23, RFKC16, WLL06, BRB+01, BA04, BNCC15, BF12, BH85, CGG08, CBB+22c, CMG15, CSS11, CBT07, DMBHG10, GLY23, HMX+23, KM10, Kli10, KBSB18, LLS01, MXC+21, MNS+24, MTL05, MSS+02, MHCR+12, NC80, OKdA+19, Ric93, TOiF+12, WOW+14, XWL+22, YHLA+04, ZSH+24, HMS+22]. **Eddy** [CED09, RL85, SOB+08, BATNP04, BBS21, BBS23, BRR+12, BKB85, CDH+13, CCRS20, CGG08, CLY22, CCD+13, DCD+23, GMAMB04, Har05a, Hau84, HZCZ16, JLB+08, KZSH85, KDL+01, KSD84, LRS+03, LBD11, MZK+23, ORCH+19, OP18, Owe91, QYF+24, RLL+09, RAE+05, RBS+09, SC23, SDK84, Sim84, SBD01, TG05, VBM21, WBA+22, WLM+13, WBB+01, XHC+20]. **eddy-driven** [CLY22]. **eddy-Ekman** [HZCZ16]. **eddy-induced** [HZCZ16]. **eddy-permitting** [KDL+01, WBB+01]. **Eddy-resolving** [SOB+08]. **edge** [BHK+16, BH85, GGG+18, Hut81, Hut95, HHK+02, KHM+88, LMP22, LH08, ZCA21, ZAC+23]. **edifice** [GSA+20]. **Edited** [Ang79a, Ang80, Ang88, SW81]. **Edition** [Bak83]. **Editor** [Swa76]. **Editorial** [AO79, AO84, Ang85, Ang87, AS89, Ang94, Ano87d, Ano99a, Ano17e, Ano17f, Ano17g, Ano17h, Ano18a, CD87, Har05b, OA81, SA90, SA86a, SA86b, SB69, Swa77, War73, Ano63a, Ano64b, Ano73c, Ano76a, Ano79a, Ano80b, Ano81a, Ano82b, Ano83a, Ano84a, Ano85d, Ano85e, Ano86b, Ano86c, Ano87b, Ano87c, Ano88a, Ano88b, Ano89b, Ano89c, Ano90a, Ano90b, Ano91a, Ano91b, Ano91c, Ano92b, Ano92c, Ano93a, Ano93b, Ano94a, Ano94b, Ano95a, Ano95b, Ano96a, Ano96b, Ano97a, Ano97b, Ano07a, Ano07b, Ano07c, Ano07d, Ano07e, Ano07f, Ano07g, Ano07h, Ano07i, Ano07j, Ano08a, Ano08b, Ano08c, Ano08d, Ano08e, Ano08f, Ano08g, Ano08h, Ano08i, Ano08j, Ano08k, Ano08l, Ano08m, Ano09a, Ano09b, Ano09c, Ano09d, Ano09e, Ano09f, Ano09g, Ano10c, Ano10d]. **Editorial** [Ano10e, Ano10f, Ano10g, Ano10h, Ano10i, Ano11a, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano12a, Ano12b, Ano12c, Ano12d, Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano13a, Ano13b, Ano13c, Ano13d, Ano13e, Ano13f, Ano17i, Ano17j, Ano17k, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano20l, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano21i, Ano21j, Ano21k, Ano21l, Ano21m, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m, Ano22n, Ano22o,

Ano22p, Ano22q, Ano22r, Ano22s, Ano22t, Ano23d, Ano23e, Ano23f, Ano23g]. **Editorial** [Ano23h, Ano23i, Ano23j, Ano23k, Ano23l, Ano23m, Ano24a, Ano24b, Ano24c]. **Editors** [WR03]. **EDM** [HSGJ23]. **eDNA** [WPA+24]. **Eds** [Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17b, Ano17c, Ano17d]. **Eds/publication** [Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17b, Ano17c, Ano17d]. **Edward** [Mer65]. **eel** [GEPC15, PFE10]. **eelpouts** [SM21]. **Effect** [BD20, CKP+20, CC88, CB17, FC07, GCD97, MRAP22, RTF+05, TŠT+17, WZC20, BPSGP+23, DCM16, HL05, IMM+22, NHH+23, PK02, RKS01, SVL+23, SE08, SE09, VWDF14, VFS+15, WSH+22, YHLA+04]. **effecting** [WMC+89]. **effectiveness** [JSLA+21]. **Effects** [CKB+17, CMG15, Cia22, DLD15, FJH10, GAPM16, HMH+15, Hut87, IOGS13, LW13, LFBP+13, MBT07, MPM+17, MCG+02, NTU+14, PCSMC12, PRA+18, RLDC+13, SRFHDH22, SPB+02, STGR+23, ACN01, BTS+15a, BHK+16, BFJ18, CDL+22, CCH+12, DAvD+20, FvBA+17, GCD+13, GWK17, HCAFD+20, JOGM+10, LGK+93, LDB+02, LAHI10, LS85, MMGL+07, MFS+07, MSF+07, NGLSSG14, NFMCS+22, OAWAN18, OÁSG+16, PJH+15, PKF02, PDAM+15, RGPB+23, SHL13, SE92, SLY+15, SIB+06, TNC+09, TGJT09, TG81, TRP+23, TSJC07, VMV+23, WPB+08, WC15, WBF+21, WST+16, XHC+20, ZK06, ZHF+24, dLLdAWL+23, dlHRA+18, MPN09]. **efficiency** [JF13, SHD+21, VBAC+21, XYGJ23]. **Efficient** [FW91]. **effluent** [Tol85b]. **effluxes** [SIS+14]. **effort** [PAB+21, SOB+08]. **Egg** [PD15, BD20, HL05, HLP+16, JSdSS+21, LC12, OACB+15, SJJ+03]. **eggs** [AIA+15, CTP+18, HLS+14a, MMIB10, PHFK14, SMPC+12]. **eiders** [LRJ+15]. **eight** [CTKF+23]. **eightsii** [GWGR+19]. **Ekman** [CCD+13, DWH+14, HZCZ16]. **Elasipodida** [GKR20]. **electric** [Szu12]. **electrification** [Bla63]. **electron** [MBCB88]. **elegans** [FB05]. **Eleginus** [VMH+21]. **Element** [LYZ16, CE84, LJ65, LXC+22]. **Elemental** [CPPPEAG22, BPA+21, PHK+17, PPHM18]. **elements** [BJ17, CFC+18, FK86, GSPP+20, HF65, IU14, LTJ+15, ORB+18, PLP99, PBP+99, ZNR+24]. **elephant** [CdD+15, DMBHG10, FGS+23, LVGH+15, LSF+17]. **elevation** [DOP87]. **Elminius** [BB65]. **elongata** [PRA+18]. **elucidate** [KAAK+16]. **Elucidating** [TTB+08b, YAK+08]. **embayment** [DCM16]. **embayments** [Ang80]. **embedded** [BRG+15]. **emergence** [MV10]. **emergent** [AGS10, SBLA10]. **emerging** [ÁLC22]. **Emiliania** [RPG+18, STHM02]. **emission** [RVS+21]. **emissions** [BCP09, GLY23]. **emphasis**

[LMT+19, TKW06]. **emphasises** [LML+23]. **Empirical** [HM00a, GCCY+14, MDB+20, TCL20]. **enclosed** [BLT+15]. **encounter** [HF10, PTF10, PTF12]. **encrasicolus** [BFB+20, HPW10, TCF+18, TIOM16]. **End** [SHG12, CP10, FRCH15, Hea12, KHL12, MD10, MVV+19, RFC+15, SGWF+19, STM10, SCB+07, Ste12, TSJC07]. **End-to-end** [SHG12, FRCH15, Hea12, KHL12, MD10, MVV+19, RFC+15, SGWF+19, STM10, SCB+07, Ste12, TSJC07]. **endemic** [RBPGJ+20]. **Endemicity** [SSB19]. **endemism** [HTG15]. **Enduring** [HBD+21]. **Energetic** [BH85, GAF15, VBAC+21]. **Energetics** [JGS90, JFUR20, LL97, ZQWP23, LWT+20, WGM+24]. **energy** [ACL+18, CNT+19, CRT+22, DCM16, DDK+18, GSFP+09, HS02, LZL+22, LBD11, MGS90, MFS+07, MSF+07, MFM85, NGLL+22, QYF+24, QLY+22, RBE+12, SRT+18, SBD01, SDJ14, XD95, XY20]. **energy-rich** [SRT+18]. **engineering** [Pir87]. **engineers** [DLL+23]. **England** [HHP06, JHDT12, PL09, USH15a]. **English** [Ang79a, BTS+15b, BLCL14, PMS+15, RMC+15, STW+15, TAW+15, TB15, ALT10, BTS+15a, BHLU+07, GCD+18, LSD+15, MAH+15]. **Engraulis** [BFB+20, BDL08, CGC+20, DMC+18, EB08, FVLC+23, GRB+08, HSGJ23, HPW10, PCSMC12, PVA24, SAY+16, TCF+18, TIOM16, YPGE+10, dFKdLZTT17]. **enhance** [NNFL21]. **Enhanced** [HZD+23, TSP+13, XWL+22, XY20, XY21, LK13, LCZ+24, TDGY22, vHCY+20]. **enhancement** [MTK+22]. **enhances** [BGL+17]. **Enigmatic** [Wal83]. **enough** [BBLD+11]. **Enrichment** [SPK+19, AJA+22, Har82, PKV18, RTF+05, TT05, TDGY22, TŠT+17, TSRF14, TKK+05]. **enrichments** [FYYC05]. **Ensemble** [Hob10, MZGA+20, TLH+15, VBL+09, Woo05]. **ENSO** [WF07, BLR+23a, CS03, DNNNN16, HKK12, hHCK01, LYM12, Leh01, LOO22, LSW+21, LWBD+17, PKP14, RR01, RN02, TWMY08, TTB+08b, WF06]. **ENSO-induced** [LOO22]. **enters** [Nof00]. **Entoprocta** [BC19]. **Entrainment** [BBS23, APN+15, MTL05]. **entrance** [BC88, NFMCS+22, SCHBC+22, SAB+21]. **entre** [Ber65c]. **ENVIFISH** [BN03]. **Environment** [JSLA+21, AMG+16, BSW86, BHHS83, BAP+22, CNT+19, ERT+22, FFS+20, GCV+24, ILA21, KBE+22, MAH+15, NCC+15, NMLBCM+01, O'B83, PVA24, PBD+88, RLL+09, SCB+09, SRF+19, Sim81, TSH+17, Ven12, ZL01, SW81]. **Environmental** [CIL+23, CMC+16, CCM+14, HLSX22, KHP+18, LM18, LFBR+18, MRH+14, PVM+20, Pow06, RFS10, dSSDS+20, SR15, SSW+09, STGR+14, ARD+03, ABD+17, Ang80, AT07, AKH+23, BN03, BGB+08, BGM+99, BBL+18, BDE03, BCL+09, BFV+17, CSV+07, CPG08, DDE+95, DBR03, DVL+99, DMC+18, EHG+12, FJA+21, FRCH15, FSVL10, FPY+16, FC05, FDB+21, GAF15, GCCY+14, GiIKX22, HSGJ23, HMP+13, KSE+09, KKKY10, KOhL+10, LSIC12, LBP15, LEDR+22, LLAPG+22, MMG+13, MRAP22, MFS+07, MSF+07, MP04, Nag01, NGNV12, PJH+15, PCC+19, QOS+22, RGB+17, RvBD+22, RSM+23, SGL+18, SPF+23, SBL+23, SPMVP05, SST+17, SLH+19, TNGP22, TGJT09, THP21, VSGD21, VCM04,

VHK03, VHK04, WFD+07, WLKM10, WPH+10, WBD+15, XRC+15, YKNO23, YPVP+22, Zav99]. **Environmentally** [KQP+17, BEP02]. **environments** [BW65, BVB88, DDDT99, Gal17, GGSM+20, HDA+16, LSMG01, MPV12, MRBS+24, Pas22, PTF12, ZHD+20]. **enzymatic** [GGQ07]. **enzymatically** [GGA+05]. **enzyme** [RMB+01]. **enzymes** [SPH83]. **EOF** [Fuk91]. **EOF-based** [Fuk91]. **eOMP** [PPVG12]. **Ephemeral** [Wai21]. **Epibenthic** [EMBS13, JPBB20, CMHM18, LM18, LB20, RLP+18, YGMR+23]. **epibenthic-sledge** [LB20]. **epibenthos** [JSHB90]. **epilogue** [AS96]. **Epipelagic** [BMN+99, BLR+23a, BC01, DWNN04, GDI+09, INI+17, MS17, PBS22, YMA+17]. **episodes** [GEP+08]. **episodic** [VCSG+01]. **equal** [BEI+20]. **equation** [AdAK+18, McD81a, McD81b]. **equator** [AFH+11, CC23]. **Equatorial** [LG23, Luk86, MRRC73, MY92, PGG+22, TLF+89, BLR+23a, GR17, GHC+17, LW85, LG22, MAAS+00, MGK+86, Nof96, OHC+17, OCH+18, RFPG15, RPSC22, SO91, TJ73, VMN08, XWW+21, ZSI+05, FGS+15]. **Equatorially** [CSLJ03]. **Equatorward** [KHD22, Kos02]. **Equilibrium** [Fei93]. **era** [GWB14, JvdLL+15, MMR+09, MHVS19, Was11, CBD+24]. **Erignathus** [MSC+15]. **Erratum** [Ano94c, HHW22, RG03a, SDS22a, VH09a, VHK04, WF07, Yas07b]. **error** [Oll15, RCGC+16]. **Errors** [SA97, YHRT22, GJ00]. **especially** [Bri79]. **Esperanza** [MPTMK22]. **Essai** [Ber65c]. **Establishing** [EBD+20]. **establishment** [JLP+20a, JLP+20b]. **esters** [PAG+18]. **estimate** [AIA+15, BBMR19, GTNK21, LL97, Mac98, WFS+15]. **estimated** [AYK+05, EiIT+22, GSVB23, GDN+18, LCJ+17, NAH+21, SHS+05, Ver91, YMA+17]. **Estimates** [AHGRAL23, DGMM85, JVJ+17, Tur65, APN+15, AdAK+18, AVK91, CKT+13, CDB+24, DRD+07, HMO+13, HHWW20, HHK+02, HHB+22, LCBN14, LLH+21, MLHE23, MLK+09, MJC+17, PPKR14, SSM+18, Tal08]. **Estimating** [ARD+03, BBM+14, BDLW14, FEGA+14, MBF+14, OWH14, OIC+23, OPH+24, CPSM20, KPSA17]. **Estimation** [BBE+15, RM93, RL85, AHW99, CSS+19, HLCdP19, HHMB+09, PVA24, SSL08, SO91]. **estimations** [TAM+13]. **ESTOC** [NCH+07]. **Estuaries** [USH15a, ARDP14, JGO+98]. **estuarine** [AJV+02, BBS21, BBS23, CDTM+21, LHP+05, PMMN+22, Pra04, TRP+23, ZHF+24]. **estuary** [CN22, GEPC15, LHE+13, MPSD15, SSM+90b, SPMVP05, SEO13, USH15b, BJ90, Ham90, JS90, JGS90, JSHB90, LZG20, SJH+90, SC90, SSM90a, SMM+90, WL16, ZLR+07, ZCH+17]. **EU** [BN03]. **EU/Southern** [BN03]. **Eubalaena** [GC09]. **Eucalanidae** [GBG05]. **Eucalanus** [GBG05, MFB+84, STS+12, THP21]. **eukaryotic** [XLL+20]. **Eukrohnia** [MMN12]. **Eulerian** [HLS+14a]. **Euopisthobranch** [CES+19]. **Euopisthobranchia** [KCBS20]. **Euphausia** [AMY+23, DSBP15, FMC+20, OTNI20, RBPGJ+20, RB20, SBFP21]. **Euphausiacea** [OTNI20, RBPGJ+20]. **Euphausiid** [LO21, FP03, GFGGD+23, MCG+02, PELAA18, RBNJ+12]. **euphausiids**

[Ant09, Bri79, GDI+09, LMM03, PCH08a, RJT84, RBE+12, VDGGD+22].
**euphotic** [HFW+98, ILA21, WP91]. **Eurasian** [BS95, RKS+15]. **European** [BHE+98, BPP+98, FLdST98, HM98, LHEB98, OB98, PS98, SHC+07, TvW98, dWDB+98, vWHdS+98, BB65, BFB+20, BSC+07, BRH+05, CMS+13, CCHV+21, DFM+15, GSM+17, GEPC15, HHK+22, HWLT10, HHH+12, HSC+16, HG04, HHB+22, JTGM10, JCIG18, KDF97, LSH+11, MPB+23, NCH+07, NB87, OACB+15, RAB+11, SON+20, SHC+06, TLH+15, TLP+16, WAH+20, YFK21, dlHRA+18]. **Eurythenes** [HCV+20]. **eutrophic** [KOhL+10, LZCZ05, MBCB88, RF17, ZLR+07]. **eutrophicated** [BVB88]. **eutrophication** [GRS08, MPMFL+23, RBF+09, SÖÜ94b]. **eutrophied** [GLF+17]. **evaluate** [BMN19, HSN+18]. **Evaluating** [CRT+22, DMC+18, FVA+19, GiIKX22, LHW+20, SEW11, XYL+22, ZGZ19]. **Evaluation** [DLM91, JJA+08, KSY+19, MDL+12, RMG90, RMK+21, AASJ23, CTKF+23, KAH+16, NNO+14, PJH+15, SOA+23, VPH+12, XY21, YYT+14, ZLR+07]. **evaporation** [MJWK07]. **event** [BDTC15, CBB+19, CNBD21, FWBC02, JLP+20a, JLP+20b, JIT+01, KiL14, KS15, Lav09, LWBD+17, MG02, MPMFL+23, RCC+18, RN02, SW22, VBVYT05, WLM07, WZ04, YBPS08]. **events** [ACL+18, ABP15, BLMR+20, CBD+24, FELMGM+22, hHCK01, JHM+22, KM22, MCG+02, PKF02, PBBH+22, PLN+23, SGL+17, SMdG02, STR01, SKT01, VKT15, VDGGD+22, WLCG23]. **ever** [UKK+19]. **Evidence** [Bea04, DJW+18, FAH+13, Hog85, ILA21, IS19, KSG+17, LML+23, LXC+22, Ola65b, SM16, SSW+09, SCS87, TWAL+11, TKWI08, UCB+18, VCSG+01, WFD+07, ZNR+24, BB14, HM90, HM00a, HCGK11, IHY+01, IL20, Kag97, KBHML17, MBT07, MTL05, MCGS+16, PAF+11, RK20, RBL90, SPH+15a, SHF01, TRLA+13, WWL+22, YCP+12, WHBW03]. **evidenced** [GdRGL+01, UPPS+21]. **Evolution** [DB02, MFM85, SI97, BVJE19, CHG+18, DW02, DCL+13b, GLPC23, HHB+00, ILI+12, Jer65, JW01a, Kag97, KBSB18, Lon85, LB02, MNS+24, NW87, NC80, ÖÜT93, SN24, STB+92, SMdG02, SK21, SV97, ZHF+24]. **evolutionary** [BCL+09, HS22, MJD+21]. **exacerbates** [LHC+21]. **examination** [AHGRAL23]. **examine** [PYKF15]. **Examining** [SRM+10, WSL20]. **example** [DAKV99, FVA+19, FC05, LHF+16, LPF23, MZF+08]. **Examples** [CJMO87, CHG+18, Sei63]. **exceeds** [LHW+20]. **exceptional** [CBB+19, CBB+22a, FBB+21, LLS01, MPMFL+23]. **Excess** [Gam14, MRO+08]. **Exchange** [BCK94, BBF+22, vWMH98, ARDP14, BBS21, BBS23, BS95, BCR+13, Hut95, HHB+22, KAG+19, LTSG13, RDC+21, VGLCS06, WDMMK89, WBA+22, WC15, WH89, WST+16, YN20, ZAC+23, ZMW+23, dlPHF+15]. **exchanges** [BATNP04, CdMS+18, EMK+17, HØ00, JOBT05, LLH+21, LZG20, PMC21, Rud89]. **excitation** [SF15]. **exclusive** [ZMCD11]. **excursions** [NB87]. **exercise** [PPPdS20]. **exhibiting** [BB14]. **existing** [DTC+06]. **exogenous** [PVA24]. **exopolymer**

[MPM+17, ORMR+19, Pas22, RTF+05]. **Expansion** [RSB+15, BCT+09, OBD+20]. **expatriates** [OWR+07]. **expedition** [CP19, MPTMK22, NBR+08, SKF20]. **expeditions** [Wüs64]. **expendable** [Mol22]. **experienced** [FG16]. **Experiment** [AYK+05, KNI+05, MGK+86, BBM+14, FHL+24, GCZ+00, KIS+05, LFCSV+13, MWJ+08, NH88b, NKK+05, PLJR22, RF17, STB+92, TT05, VSA+21, dJSL+20]. **experimental** [SFAD+90, SEW11, SPN98, ZKK+16]. **experimentation** [CDS90, SFAD+90]. **Experiments** [IST+88, RD11, BRB+01, FB01, GAM98a, GAM98b, HHP06, JIT+01, Leg91, LGG18, McD81b, NHS+14, ÖHÜ89, SMGL01, SCLS10, SPK+19, YN03a, YN03b]. **expert** [YRKC08]. **explain** [BM01, LBP+21, MHGGS19, XWL+18]. **explained** [SKH+23]. **Explaining** [NGPH10]. **explanation** [Dea85, Due77]. **explicit** [BDL08, CMS+13, LLS01]. **exploitable** [LAP10]. **exploitation** [PL09]. **exploited** [hHRW+05]. **exploration** [BHMS09]. **exploratory** [PKP14]. **explored** [MCGS+16, WZC20]. **Explorers** [GBB96]. **Exploring** [ADV+18, CLCBB19, LSF+17, MRH+18, RDG+21, RDP+21, WSS15, ZCA21, BPSGP+23, LFG10]. **Export** [AYK+05, Law04, AAMB+24, BEI+20, BT07, CWZ+20, DCKB13, GMAB07, HLM+13, HGH+19, HPZC21, KLB+21, KV13, LBNBM13, LvIKB07, MMG+11, NNFL21, PHK+17, RWOA01, Rud89, TLM+17, TDK+16, WGZZ19, WHBW03, WPW+14, YHM+18, YSN20, ZDM+20, JST+24]. **EXPORTS** [JST+24]. **exposed** [YGMR+23]. **extended** [CN22, Fei03, Fei04, HHWW20, PPVG12]. **extends** [KGB+23]. **extension** [Tom81b, LMC+20, QNK+22, WCX+21, WWZ19, YTNK00]. **Extensive** [HTG15, Hut92, INI+17, SDL+19]. **extent** [DLD+19, GTS+21, HKN+14]. **external** [ZGZ19]. **externe** [Ber65c]. **extinct** [RPRCAG+21]. **extinction** [CMF11]. **Extraction** [Coo69]. **extraneous** [AF10]. **Extrapolation** [GMDS20]. **Extreme** [MPMFL+23, BBB+21, FDB+21, GPEV20, KM22, LEDR+22, PKA19, RHB23]. **extremes** [CBB+22a, OWH14, ŠPM+22]. **extremite** [Bou65].

**F** [Ang80, Ang88]. **face** [LOO22]. **facies** [Ike88]. **facilitating** [GBC+15]. **facing** [ORPRGIS22, TTF+22, Val99b]. **factor** [BWMGCB08, CGD+18]. **Factors** [BPP+98, FPIJ85, LZCZ05, STF+13, SNMW10, AH10, CMC+16, CPG08, CVBG21, DDE+95, GiIKX22, HBV+99, HYM+12, HKPV12, HMKF08, HFO90, Li14, LLGS21, MVN+15, MRAP22, MS17, MRH+14, NCC+15]. **facts** [Hic79]. **faecal** [RWOA01, WYT00]. **faeces** [FGL+23]. **failures** [KMOM88]. **Falkland** [WR00]. **fall** [BDC+08]. **family** [MKD90, MMK19, MSFZ19]. **far** [RSG06]. **Farallones** [JSA+08, WDMC02]. **farm** [CTA16, FvBA+17]. **Faroe** [HØH+03, HØ07]. **fast** [CTP+18]. **fat** [GA10]. **fate** [BPNB90, JW01a, OWR+07]. **Fatty** [RBPGJ+20, WOW+14, CSG+15, CDP14, GVKD+13, KO19, KSG+17, LSV14, MRBS+24, MFDH22, PPHM18, SBC+16, WPB+08, YGL+10]. **fauna**

[BS90, CGM+02, CMM+04, DHB+21, FJ19, FTHK19, GHSC19, KSB+22, NRA+21, SSB20a, TJ90]. **faunal** [GIC20, HM90, PGGG17, dJSL+20]. **faunas** [HM90, SPB19, SCS87]. **favorable** [FAAV+15]. **Fe** [GHG+24, WH20, ZNR+24]. **feasible** [TSL10]. **feature** [DCD+23, PHKS01]. **features** [BAARB05, BSA06, CB06, CFM+18, CdTH+16, CdD+15, Ken88, KSK21, Kra69, KAAK+16, Lie86, LLH+20, STC10, TZP+00, WR00, XYL+22, Zez90]. **February** [Ano22-27, Ano00d, Ano03e, Ano08s, Ano13l, Ano15n, Ano16p, Ano17m, Ano18j, Ano19m, Ano20m, Ano21n, Ano22u, Ano23n, Ano24d, YYC+18]. **Fecal** [SE92, Tur15]. **Fecundity** [AVK91, JSdSS+21]. **feed** [BBLD+11, Mae88]. **feedback** [Bak01, KV13]. **feedbacks** [DFC+21]. **Feeding** [BHS+15, CSM+15, FLdST98, SCAA07, SMN+13, SPK+22, BOMdP15, BSH+20, BMG+19, BPSN+21, CNT+19, CCG07, CPO+19, CPG08, CCS+21, CCM+14, DM13, DAF+22a, DAF+22b, GBM+01, GA10, GD91, GSC+20, HWBT03, IVR+13, KTIT22, KSB+22, KVNT20, LdSH+15, LRJ+15, OTNI20, Roe84a, RB84, SE92, VWDF14, WHBW03, YHLA+04]. **female** [Nie07]. **females** [ATT+08]. **Fernández** [MPM+18]. **Ferrol** [CVHM+18]. **ferromanganese** [Gri22, VCM04]. **fertilisation** [Qiu15]. **fertilization** [Peñ03a, SSH+05, SHS+05, TSNO05, YFY05, ZCD08]. **fertilized** [TNS+05]. **FESOM** [SKWWGV18]. **FGGE** [MGK+86, MFM85]. **Fidji** [Rot65]. **Field** [HCGK11, YCP+12, BKB85, CCH+12, Emi65, FTG+11, HLPL05, Jac10, JST+24, KSY+19, LRS+03, ORCH+19, RAE+05, STB+92, TM13, WPB+08, XLX+20]. **fields** [AR18, BJMP19, BJMP20, KM22, MFM85, RL85]. **fifty** [HDZY15]. **Fiji** [Rot65]. **Filament** [ILI+12, ÁSDB+01, ABT+04, BIST01, BATNP04, BFH01, FRK+09, GMAMB04, HHB+01, HPS+01, HCAFD+20, JIT+01, NIF+15, QYF+24]. **filament-eddy** [BATNP04, GMAMB04]. **filament-like** [HCAFD+20]. **filaments** [BA04, KCPM09, SFMA20, YHLA+04]. **Filipjev** [MSFZ19]. **filter** [MZGA+20]. **final** [Ano94k]. **find** [PPPdS20]. **Finding** [TRLA+13]. **Fine** [AGD+18, CTF07, DRVMC+22, DIQJ21, JHW+14, MCB+90, NBLI20, SWP+13a, GBC+16, LL21, Sie69]. **Fine-scale** [AGD+18, CTF07, DIQJ21, JHW+14, MCB+90, NBLI20, GBC+16, LL21]. **finer** [BMGN15]. **finger** [Sch03, YN03b]. **fingering** [Kun03]. **finite** [XY21]. **finmarchicus** [BMK12, BTNK13, DBM17, GHF+21, GPC+03, HMP+13, HRA+08, HBR11, MRH+14, SDH+14, SAB+21, UB10, WBC+22, WSH15]. **First** [GHSC19, MDR20, PSP+21, PMFNGQ21, War06, AM19, AV23, BC19, CLMR23, MWS+10, PMMN+22, WHG+16, YTL+19, MGK+86]. **Fish** [ESA+13, GIHJ23, ICB+19, LBC+15, SGF+19, ARD+03, AHP19, AIA+15, ASB+08, Bak01, BBLD+11, BFB+20, BECR+22, BJ90, BCL+09, BAP+22, BFV+17, BB10, BHMS09, CIL+23, CJRÁ+13, CBOP15, CTP+18, CRF+10, CCB+20, DWNN04, DDK+18, Dol09, DPH+18, DHHP18, DPM+09, EAB+23, ERT+22, FTC+16, FARRL+13, FFS+20, FGGDF+04, GMR+23,

GD85, GRD+23, GFB+15b, GFB+15a, GCG+14, GDM+15, GAPM16, HM90, HLS+14a, HHW01, HHW22, HAA+14, HSL96, KSVT00, KSS+23, KYS+17, LSY+14, LAP10, LLAPG+22, LSIB23, MRM+14, MPMFL+23, MRAP22, MEST13, MKB00, MLHE23, MHS+09, MAFS+22, MVBC+21, NHH+23, NPO+19, OMR+22, OMK+22, OPH+24, ORB+18, POS+07, PRTC13, PAB+21, PHFK14, PCR+22, QLW10, ROBRB+22, RTBR+22, RBHLA04, RB84, RFC+15, RG94, RBE+12, RSB+13, SOS+07, SKH+23, SCD+07, SCHD23, SLPA+20, SCC+19, SEG+22b, TCL20]. **fish** [TKW06, TS10, THM+14, UKK+19, WWL+22, XYL+22, YAK+08]. **fish-induced** [TS10]. **fish-killing** [MPMFL+23]. **fish-mediated** [MLHE23]. **fisheries** [BN03, BBSN04, BECA22, BDE03, CLB+13, CRT+22, CWS+21, CL03, FFA06, FPS+13, Hea12, JPM+08, JOGM+10, JHDT12, JBH20, KN10, KN11, LNB13, LMP22, MEST13, MBF+14, MCB+10, MCG+14, ML09, MPN09, ORPRGIS22, RSK+23, SRAV19, SJP10, SBM+23, TCF+18, THM+14, WWL+22, WLKM10, YBS+01, ZLKO00, ZLS+04]. **fisheries-based** [FFA06]. **fishermen** [JBB+14]. **fishers** [BDT+08]. **fishery** [ACN01, BW08, BMN19, FBM+08, GRDS10, INI+17, JBB+14, KHL12, MCL+15, OIC+23, PWZ+16, RS04, TNGP22]. **fishery-dependent** [OIC+23]. **fishes** [ACB+13, BM76, BLI+99, BOMdP15, CRT+22, DCKB13, EKB06, EBD+20, ESD+21, Hob10, hHRW+05, Kos93, MGS90, MS17, MM80, MMPG07, OHC+17, OCH+18, OT19, PSA+19, SGF+19, SLBVRR+22, SBL+23, SKF20, SPK+22, TCF+18]. **Fishing** [GCF+19, SENS13, AKAL20, BDL08, ERT+22, GAF15, LML+23, MVV+19, NHS+14, PG10, QLW10, SSI13, TKW06, TSJC07, VBJ+20, WJPHB15]. **fit** [GCCY+14]. **fitness** [LLAPG+22]. **five** [BJMP19, BJMP20, DHC+20, DAF+22a, DAF+22b, DSAB20, GSFP+09, HSG+15, HSC+16, LS15, LWY07]. **fixation** [LFBR+18, NHH+23, WCC+20, WFBN+13, ZCD08]. **Fixed** [CNBD21]. **Fixed-point** [CNBD21]. **Fjord** [MSV+14, BRR+22, CKB+17, FB05, GHVG19, HWPLvW20, KYT+16, KSKN21, LSV14, LHP+05, LWT+20, MTC14, PTM+22, PVM+20, RBL+19, RPSVLS14, SWZS+21, SST+17, SPW22, VLCCP14, WZBK+21, ZHSMM14, ZCLS20]. **Fjords** [FF83, IPD14, KMSTK23, SV14, CCM+14, CBPS+22, CTI+19, GHVG19, GCD+13, IPF23, MPMFL+23, PMA+14, PSGVS+14, PTPY+23, QOS+22, SPF+23, VNH+23]. **flapping** [Ric22, SSB14]. **flat** [DOP87]. **Flatfish** [WHI+02]. **fleet** [GRDS10, PPSV+18]. **flemingeri** [Mil88]. **Flexible** [CdD+15, BPA+21]. **flexible-stoichiometry** [BPA+21]. **Flexicover** [Hof81]. **flight** [Sac16, SSB14]. **float** [RBS+20, RBS+22, Ric93, RLC85]. **Floating** [PHFK14]. **floats** [KSK21, LS20, Owe91, PL18, RBZ00, ZBLF23]. **flood** [Whe06]. **flood-dominated** [Whe06]. **floods** [FBB+21]. **floor** [SW65, TCL+15, WGCS13, vHCY+20]. **Florida** [KAK+22b, AC85, LW12, MZ14, RLL+09, RLGC10, WWL+22]. **Flow** [Rei86, Rei89, Rei94, BBS21, BBS23, BHPC06, CSLJ03, CTP+18, Dav85, FAAF88, FMWW14, GL06, GD91, HCAFD+20, HKGH+06, Hol00, HSH97, HS02, JFEC13, LSM+22, LGL+18, MMGL+07, MFS+07, MSF+07, MTL05,

Nof03, PLB+23, Rei97, Rei03, RBE+12, Sak86, SHS+05, TMN+12, TM13, TWMY08, TG05, THM+06, TSP+13, Wun24, dJSL+20, vAB96, BBF+22].
**flow-through** [HSH97]. **flowing** [FZ88]. **flows**
[FTG+11, GvOSW11, KCL+12, Mil14, NGLL+22, Pra04, SDJ14, TMPM+16a, TMKJ+09, TFM03, VBL04]. **fluctuation** [FWL+15, RI86].
**fluctuations** [AMG+16, BBL+18, CSMGS19, CD65, DL69, Don65, LFI+13, NH88a, QLY+22, RCD+94, RFS10, SLG+12, Seg69, SEG22a, SDO+14, TMN+12, TRLA+13, Zen08]. **fluid** [GD91]. **fluids** [MSV+14]. **fluorescence** [MZ14, MSMH19, SAT+22]. **fluorescent**
[GLAHH+22, MPCNC+19, XYGJ23, YTB+21]. **fluvial** [Pow06]. **fluviale** [Ber65c]. **flux** [AGL+15, BSC+19, BSW86, BRG+23, BS02, CKP+20, CHC+12, DDD+00, DOS+18, DRD+07, FUOG+16, HLM+13, HDB13, Jón07, KGB+23, KSP+23, LPA92, Law04, MMG+11, MDC+07, NMK+03, ORW+01, Oll15, PG13, RCS+11, SLBVRR+22, SPG+06, SG91, SW01, SDS+22b, SW65, TRLA+13, TSG+04, TWBC+13, VK90, WZFW16, WCB20a, WYT00, WRH+06, WHBW03, WBH15, XCH+16, YHM+18, ZPY+20]. **flux-rich** [TRLA+13]. **Fluxes** [FPD+01, AAML22, ÁSDB+01, AYK+05, ABT+04, AT07, BIST01, CFG07, CF12, DDDT99, DVB+18, EHSI12, FLUC08, GDI+09, GCD+13, GIPG17, GBB+19, GLLB22, Hea12, HMKF08, KKS+18, KNSN+09, KZSH85, KF11, KHC+99, KFC+23, KTB+99, KSPK99, LBNBM13, LBP+21, LGZ+20, LvIKB07, LFCSV+13, LDHW20, MHGP06, MLD+03, MFM85, MSL+07, NFMCS+22, NIF+15, OKdA+19, PGLG+05, RCB+20, RAP95, RGI05, RGE22, RCSVGP+16, SLBR18, SCCJ+18, SBB+22, SCT+00, TFY02, TCDPP+22, TSC03, TDK+16, TDL+17, TSP+13, WJE+92, ZFSV+09, dlPHF+15]. **fly** [Ric22]. **flying** [ATT+08, IIS+17].
**FOCE** [SPK+19]. **focus**
[BZD+21, DRVMC+22, Rud15, SPF+23, SJM+19, TTB+08b]. **follow** [VKGP+13]. **following** [PBBH+22]. **Fonera** [PGLG+05]. **Food**
[Bon88, CLSD18, CW06, CFML22, GvOSW11, GWK17, IBW+01, JE92, OPG+10, WRH+06, AHW+15, BHA+14, BAOC+07, CLSP17, CP10, CBC+06, CPPPEAG22, CSV+07, CSBL+15, CSC+12, DJW+18, DYO+10, DTOD00, DKRL22, DWC06, FMC+15, FVLC+23, FTG+11, GAF15, GSVB23, GSM+17, Hea12, HKGH+06, HNL14, iIYO+10, LK13, LLL+11, LCBN14, LZF+24, MRA+19, MGC+18, MCH+12, NYL+17, NMC+09, PVG+20, Peñ03a, PG10, Pow06, RMC+15, RBE+12, SBMB18, SH09, SJJ+03, SSM90a, ŠGM+18, SHC+06, SHC+07, SRT+18, SLY+15, SDJ14, TNGP22, TR99, TSS+12, TFM03, VGJ+19, Was06, YAK13, ZHSMM14, ZBRJ23, dJSL+20].
**food-mediated** [GSM+17]. **Food-web**
[OPG+10, CP10, CSBL+15, MGC+18, dJSL+20]. **foot** [vHVAT22].
**Footnote** [SDS22a]. **Footprints** [MGWZ20]. **forage**
[ASB+08, BBLD+11, BHMS09, CRT+22, DDK+18, EKB06, GMR+23, OMK+22, PSA+19, PHKS01, RBE+12]. **Foraging**
[FDB+21, NRS+19, STC10, WLKM10, YSS14, BMG+21a, CdTH+16, DMBHG10, LSF+17, LBC+23, MHR+10, STEB16, SWP+13a, SWZS+21].

**foraminifer** [AT07]. **foraminifera** [KGdS+08, Par65, Phl65, Sai65]. **Foraminiferal** [Ban65, CBL+19, DSC+19, GBB96, GA01, LvIKB07, NFMCS+22, SBG16, Wil65]. **foraminifers** [AOMZ+23]. **Forbes** [Mer65]. **Forbes-Manxman** [Mer65]. **forced** [CPSM20, CD07, DWH+14, Hol00, LPF+21, LO85, SFMT12]. **Forcing** [LSD+18, SFMT14, WLD+15, AALM06, AC85, AHW99, ASB+08, BLT+15, BDT+08, BGB+08, BSW86, BPSGP+23, Cai95, CBC+06, CPC+15, CS06, CAB+99, DLM+12, DMC+18, DPM+09, DMF+09, DCL+13a, DP13, FZ88, FBS22, GAF15, GPC+03, GEP+08, Kaz17, KSE+09, Kit03, LMH+13, LG23, LBP15, MZH+23, OACA20, OAB+16, PMA+14, PSM+22, RA15, RHM+19, SCPN15, SBD01, SSW+09, SP08, YAK+08, ZK06, ZDM+20]. **forcings** [TCF+18, dMGS+11b, dMGS+11a]. **Forecast** [JAS+20, CBB+22a, CP83, RSK+23, YPGE+10]. **forecasting** [CCS+21, GEPC15, PLK14, Wai21]. **Forecasts** [SYB+15, HKL+15, LSS+10, TSH+17]. **forests** [GCF+19]. **Foreword** [LHM+99, Koc65b, Kra82]. **Formation** [BGV+23, LPW+23, MSGGM18, NAH+21, PVV23, BS95, CGL+20, CS18, ILI+12, Kat18, KY15, LRNK99, NIC+19, NC80, PSL87, PC87, PZA+15, PMS+15, PGC+96, Rud89, SMFM+21, San73, SASH08, TSAM+22, TG05, VKT15]. **formed** [ELW06]. **formulae** [ARDP14]. **formulation** [MAB+11c, RRLS22, XY20]. **formulations** [AGS10, BDP+06]. **Fortnightly** [VGLCS06, BPSGP+23, RCSA01]. **forty** [CPB+15]. **fosse** [Rot65]. **fossils** [ST65]. **foster** [RMC+15]. **found** [OT19]. **foundations** [FvBA+17]. **four** [BHMS09, CED09, Coo69, DMF+09, HFNG00, HvdLS+09, LSS+09, MKHO96, MLK+09, MMPG07, PM13, SH09, SBE+20, TKW06, WB03]. **four-component** [MKHO96]. **four-dimensional** [Coo69, WB03]. **fraction** [WSC+21]. **fractionated** [BTJ+17, FEGA+14, JTD+14, LHC+19, SSN23, XHW+20]. **fractioned** [SEG22a]. **fractions** [SRF+19]. **Fracture** [Nay65, RMG90, SM65]. **fragmented** [AHC+13]. **Fram** [GIC20, GSSWK20, HFPS+06, LBNBM13, LF12, MGWZ20, MRO+08, Rud89, RKS+15, SSV+11, TSBS18]. **framework** [BRG+15, BMG+19, BBF+22, FPS+13, GLH13, HSN+18, JHDT12, KHS+14, SJLW23, TSJ+12]. **France** [RSM+23, LDD+22]. **Fraser** [McK08, MI21, SEO13]. **free** [DS65, MSFZ19, PKA19, WM13, WDC+11, WO15, SPK+19]. **free-living** [MSFZ19]. **freezing** [NAH+21]. **French** [Ber65b, CCB+20, Rot65, Rou65]. **frequency** [AC85, Bak01, BCLD+17, CM18b, DOS+18, FRV+19, MNT14, NH88a, PZA+15, ŠVL+15, GDN+18]. **fresh** [JAJS08, Jón07, TAW+15]. **Freshening** [ONR+14, CRPS+15, WWSJ07]. **fresher** [HMH07]. **Freshwater** [BSF95, SSQ19, Tal08, AYH+23, BvdLA+11, BF11, CTI+19, DRD+07, HS07, LLH+21, MTC14, MWS+10, NBR+08, RFSCF19, RGM01, VNH+23, WHS17, Yas07a]. **freshwater-influenced** [RFSCF19]. **friction** [LL97, Mun97]. **frigatebirds** [WLKM10]. **fringe** [CBB+22c]. **Front** [Ano17i, Ano17j, Ano17k, Ano17e, Ano17f, Ano17g, Ano17h, PHKS17,

STC10, VFS+15, BLR+23b, CMC+16, FPIJ85, Gou85, HHP06, MSI17, OC06, PHKS01, RPPM+23, Ang89, BZD+21, CHSB+21, DCD+23]. **Frontal** [BSMC15, HMS+22, INI+17, VFCC+22, CLV+19, CPO+19, HBH+17, JOBT05, Kaz17, KFC+23, LL21, LLGS21, NMO+21, RLL+09, Tom81a, WMB+21]. **Fronts** [BCS09, BZD+21, BTS22, CLY22, KZSH85, LB14, NXT+17, PLEF+23, PO15, Pra22, SDP+22, Sou94a, VMA+24, XYWY23, XNT+17]. **frugality** [MHGGS19]. **fucoxanthin** [CMC+16]. **fuegensis** [CCM+14]. **Fuegian** [PMA+14]. **full** [CN22, LFG10, PST+15]. **fully** [RFC+15]. **fully-coupled** [RFC+15]. **function** [AV23, FM07, HKGH+06, MLM09, Nee85, PBH+10, TAM+13, VBL04, VHK03, Was06, ZWM+15, dLLdAWL+23, VHK04]. **Functional** [FAB+09, KST03, ANMP15, ASR+20, BPA+21, BMGN15, BMdMS+21, DDK+18, EBM+20, FTC+16, FGS+23, GCC+24, GDM+20, GNH19, GDI+09, Hof10, JG90, LMS10, LBP+21, MPC12, Peñ03b, RLP+18, TSL10, VWDF14, VSGD21, THBA19]. **functionally** [MHS+09]. **functioning** [BGM+99, CDL19, CSG+15, CCB+20, EAL+07, ES07, GRS08, MGC+18, TCS15, TDH+95, VPM+19]. **functions** [TCL20]. **fundament** [dLLdAWL+23]. **fungi** [BRC+18, CJG88, GGT+15]. **Funiculina** [PRA+18]. **funnel** [MXC+21]. **funneling** [She65]. **Further** [BB65, iUMY86]. **fusiformis** [GA01]. **fusion** [VVV21]. **Future** [Tho87, BW08, BCD+20, CCM+13, CBGC+08, CSS+19, CBOP15, CLdPHL23, Den87, GPAB+16, HM15, Hob10, IHY+01, KKK04a, LDMH09, MPC12, NPO+19, NW87, OVG16, PV18, RDG+21, RSB+15, SDH+14, SAd+17, SBB+14, SPK+19, SJ18, TMÁGC+21, WAH+20, WDC+11, WO15, Was15, WH89, vdS94b]. **fuzzy** [JPM+08]. **fuzzy-logic** [JPM+08]. **FVCOM** [CGZ+16, LC22, SCB+16].

**G** [Ang79a]. **G.** [AHRT90]. **Gabès** [FTG+18]. **Gabriel** [PCK+06]. **gadiforms** [DKRL22]. **Gadus** [AHP19, FKH+13, GTS+21, LSY+14, LNB13, SLY+15]. **gained** [OELP04]. **Galápagos** [HMB+86]. **Galicia** [BAOC+09, DGGdR02, FB01, HPS+01]. **Galician** [BF01, OÁSG+16, VSPP14]. **Gannet** [SWP+13a]. **gap** [DP18, LMS10, MCG+14]. **gaps** [CLdPHL23, IPF23]. **GARCH** [PVA24]. **GARP** [MGK+86]. **gastropod** [FTHK19]. **Gastropoda** [CES+19, KCBS20]. **gastropods** [IPHW+23]. **Gateway** [ZWP23, JPIP22, PNF+21]. **gaudichaudi** [AE09]. **gauge** [HHWW20]. **gauges** [RM97]. **Gaussian** [SBFP21]. **gayi** [BWMGCB08, LC12]. **gazetteer** [Ang79a]. **GCMs** [HLK13]. **gear** [Reb02]. **gears** [JPBB20, GCF+19]. **Gelatinous** [MMMWZ23, MGWZ20, dWDB+98]. **gender** [IVR+13]. **gender-life** [IVR+13]. **genera** [MMK19]. **General** [PGLG+05, TAO05, AGS10, Arb22, MEMP15, SPSV+20, SBLA10, TAH+11, WG82]. **generalised** [BBMR19]. **generality** [AF10]. **generalization** [TCL20]. **generated** [FG16, Ike88, PdMS+13]. **generating** [SBD01]. **Generation** [CBB+22a, BSA06, CCRS20, GLPC23, ORMR+19, PLK14, TCN20]. **genesis** [OC06]. **Genetic** [GBG05, ACK+13, BBFS19, HTG15, NMN08, RK20,

RAG+19, UB10, WPBG+18]. **Genkai** [MKM86]. **Genovese** [Bru88, SMB88, Sie88]. **genus** [CES+19, GM19, KKKS14, Mar20, MSFZ19, PTPY+23, UKK+19]. **geo** [RAB+11]. **geo-hazard** [RAB+11]. **Geochemical** [AJV+02, MCGS+16, CM11, JFG+90, Mor91, VSGC21]. **Geochemistry** [MSV+14, AS20, CKB+17, CE84, GSV+01, LYZ16, Soh03]. **Geochronology** [RANS65]. **geoeconomical** [Ola65a]. **Geographic** [HRSM08, iIRM+15, MMPG07, NHH+23, QOS+22, SKH+23, ZSH+24, CALS+23, MRH+18, SAY+16, WCS+23]. **Geographical** [GCC+24, ZHBW01, HPB+09]. **geographically** [NHG19]. **geoid** [NB87]. **Geological** [RLT+22, Sei63, Gor92]. **geology** [SC90]. **geomagnetic** [Emi65]. **Geophysical** [CBPS+22]. **Geophysics** [VH09a, VH09b]. **George** [AYH+23]. **Georges** [BBL+09, GGJ+10, SCB+07]. **Georgia** [FDM+13, GKS+13, GDM+15, LMH+13, LC10, PMC16, PM13, RHBS13, STF+13, AW13, AHC+13, ESTM13, GLPC23, Ham87, IIM+23, IOGS13, LAP10, MGF+13, MP13, PBN13, STC10, SLH+19, WMWR08, XCH+16]. **GEOSECS** [JvdLL+15]. **geostrophic** [CP07, KAG+19, Rei86, Rei89, Rei94, Rei97, Rei03]. **geothermally** [YYK88]. **GEOTRACES** [AH15, BGR+15, HM15, ZNR+24]. **German** [DOP87]. **Germany** [PDV12, VPH+12]. **Geryon** [AHRT90]. **Ghir** [AAM+14]. **giant** [JPBB20]. **Gibbs** [Fei04, FH95, Fei03, FM07]. **Gibraltar** [BMC05, CGMP14, SGMP15, BPGC+20, BCR+13, BCK94, Dea85, FAAF88, GR85, GWS+23, MMGL+07, MM90, NGLSSG14, Ric94, SBPGP+23, VGLCS06, dlPHF+15]. **gigas** [ATT+08, BGM+10, RS10]. **Gills** [JG90]. **Gioia** [CFM+18, GCLD19, PRA+18]. **given** [MEMC05]. **Glacial** [Bro82, HM98, TAF+22, DPB06, DYL+15, DCL+13b, HHR+19, KSKN21]. **Glacial-interglacial** [HM98]. **glacialis** [AEP+23]. **glacier** [CKB+17, GHVG19]. **glacier-fjord** [GHVG19]. **glaciers** [BRR+22, VNH+23]. **glaciomarine** [ZCLS20]. **gladius** [SYB+15, YGL+10]. **Glider** [KHD22, MBdM+18, CLY22, PO15, SCY+23]. **glider-resolved** [PO15]. **gliders** [RZTD17]. **Globa** [MGK+86]. **Global** [Cai95, CSS11, DPCS87, GRMB18, JTGM10, KT97, LSH+22, MBS20, MMN12, OVG16, PBO10, SDJ14, TAM+15, WQ08, AGS10, Arb22, BBC+22, BDLW14, CTKF+23, CWS+21, DEW+97, ERBV21, GJ00, Gri22, GZCL23, HS07, HGB+21, HHDS02, HTG15, HMKF08, HMH+15, HLFL23, IHY+01, JBH20, KV13, KKKY10, KKO10, LGZW22, LM97, Mac98, NGLL+22, OWH14, PAB+21, PSA+19, PHKS01, PPD+12, RG09, SE08, SE09, SBB+22, SJLW23, Tal08, TMH+16, TAM+13, VWDF14, WWW+23, WSS15, WSO01, Whi95, WLM+22, WBH15, XYWY23, YW22, YAK13, ZCD08, CGZ+16]. **Global-FVCOM** [CGZ+16]. **Global-scale** [SDJ14]. **globally** [LRW+15]. **GLOBEC** [Ano10a, BPW10, BK08, EAL+07, PDV12, PBOW10, PBH+10, SWP+13b, VPH+12]. **Goban** [BHE+98, FLdST98, LHEB98, OB98, TvW98, FMH02, vWHdS+98]. **going** [SWP+13b]. **golfe** [Ber65b]. **Golfo** [CTF07]. **gonad** [Nie07].

**Gondwanaland** [Fai65]. **good** [GEPC15]. **gorbuscha** [KBF+08]. **Gorda** [CSR90]. **Gordian** [HPNDC15]. **gorgonian** [GGA+16]. **Gorshkov** [Ang79a]. **governing** [BPP+98]. **Gower** [Ang88]. **gracilis** [VMH+21]. **gradient** [BMdMS+21, BGWP+17, CBL+19, DWH+14, GCD+13, KLC+15, LvIKB07, MCD+14, PCH+08b, SST+17]. **gradients** [BLES16, CSG+15, EBW+23, FBD18, GBB+19, JTD+14, SPMVP05, VKGP+13, XWL+18, ZLR+07, dLLdAWL+23]. **grain** [PPSVC+13]. **Gran** [Ano09h]. **Grande** [FBT+22]. **grandis** [RK20]. **graph** [DYO+10]. **graph-theoretic** [DYO+10]. **gravimetric** [LM97]. **gravity** [Arb22, KCL+12, MZZ+23]. **grazer** [GBH+20, VPM+19]. **Grazing** [Dag93, NYL+17, TKSI08, AGS10, Ban96, BM07, CMC+16, HHB+01, LGK+93, LMS93, LOG+09, LHP+05, LPHL+05b, LPHL+05a, MFB+84, MC88, RRLS22, SPB93]. **Great** [BLAM00, Leg91, WLKM10, BLAM98, BECR+22, DMML88, Her97, HT97, HPHW21]. **Greater** [ROBRB+22, RLR+18]. **greatest** [UKK+19]. **green** [YFK21, TAM+13]. **Greenland** [JJR+08, JAJS08, JJ08, MFM15, NBR+08, BS95, HBL+13, HJLLN07, HHR+19, Leg91, MMMWZ23, MLS+15, MWJ+08, MDR22, ON22, RN06, SBK+95, Ste91, SP08, SBS90, VEM+21, VNH+23, WBH15]. **Greenland/Norwegian** [BS95, SBK+95]. **gregaria** [CSMGS19]. **grenadier** [MMPG07]. **Grey** [NBLI20]. **grid** [CTA16, SZG06]. **gridded** [DPF+20, VR03]. **grip** [Nof03]. **groenlandicus** [FJH10]. **gross** [SMP+22a]. **ground** [BPSN+21]. **grounds** [CPO+19, KKKY10, LML+23]. **Group** [Ano94k, Ano03j, WHG+16, CSS+21, FAB+09, GKR20, Hof10, SEG+22b, VSGD21]. **groups** [GDI+09, LSM+22, LRAE23, LMS10, Peñ03b, XWL+18]. **Growth** [Hey78, LS12, MPD+22, BFB+20, BSF+21, CBHL07, CCS+21, CWS+21, CP02, DIQJ21, GiIKX22, HLR17, HBL+13, HPNDC15, HCGK11, iIRM+15, KSY+19, KSKN21, KLIRK17, Kru19, LMS93, LOG+09, LHP+05, MN88, NKK+05, RvBD+22, SIR+07, SKSK06, SJD10, VMV+23, VDB+20, WPW+14, YHRT22, YHLA+04, YAK13]. **grypus** [NBLI20]. **Guadalquivir** [CN22, GEPC15]. **Guadalupe** [GPEV20]. **Guiana** [CdTH+16]. **Guinea** [Ber65b, KLP+17, NM17, Ver92]. **Guinée** [Ber65b]. **Gulf** [AAML22, DHD+23, FTG+11, SRFHDH22, TPTM23, AC85, AJHC19, BDB+04, Ber65b, BHPC06, BF12, BD85, CDH+13, CHC+12, CD07, CCH+12, CBT07, DDDT99, DPM+09, EMU+23, FELMGM+22, FSAO22, FFS+20, FTG+18, Fug63, GFGGD+23, GPE+17, GMD+22, HSMLDC+22, HKL+15, Ham87, Ham09, Hen85, HHDS02, Her88, HMS+22, Hog85, JJA+13, JSA+08, Kli10, KLP+17, KAH+16, LR07, LBC+23, LKDL14, LHW+20, LEDR+22, LdCSB+20, LCANAS+07, LCPSMR+10, LS85, MLB+20, MDAW+19, MPSD15, Mil93a, MPN09, MKSW+15, NFMCS+22, NMLBCM+01, NM17, NHN+21, NAH+21, ON05, OHH+22, PPdM+12, PGT+13, PCH08a, PBBH+22, PCR+22, ROBRB+22, RLP+18, RANS65, RGPB+23, RKC+10, SGL+13, SCHBC+22, San15, SGMVF14, SLBVRR+22, STG+18, SBPGP+23, TPTM23, UPPS+21, Ver92, WM13, WDMMK89, WD94, WFBN+13, WW02, WBC+22, WDMC02, WLM+22]. **guts**

[RMB+01]. **Gyre** [CMJPH+18, DLC+08, GIPC+15, HPC+20, LBSP01, LSMG01, Ang79b, BDTC15, CRGA17, CBB+22c, DMT15, FCMCÁS19, GTNK21, HPB+09, HLM+16, HHB+00, KJH+22, MCD+14, MD07, MFB+84, NCH+07, PAF+11, Rea00, TŠT+17, VBVYT05, Whi95, CM18b, FGR+06, Pre86, RBS+20, RBS+22, SGLF+13, YHM+18]. **gyre-scale** [Whi95]. **Gyres** [SPS+99, BLI+99, FK99, HBV+99, HMX+23, HMPZ11, SWT+17, WQ08, ABD+17, SJ02c, SJ02b].

**H** [BSF95]. **Habitat** [BCT+09, DFH+16, PGGG17, SJ18, AQVB+10, BMK12, BFP+18, BGM+10, BSC+07, BHH+16, BMG+19, BMG+21a, CF20, DHD+23, DBJ+15, EiIT+22, FGS+23, FKH+13, HLP+16, HSN+18, KKKY10, LVGH+15, LAD+18, LBC+23, LO21, LMP22, MSMR93, MHR+10, MBH+23, MRH+14, MHVS19, NXT+17, PHKS01, PO15, RHBS13, RVC+13, RASVB+22, RDP+21, SPB+12, SAY+16, TJ90, WMB+21, WWW+23, XYL+22, YWUK15]. **Habitat-faunal** [PGGG17]. **habitats** [DHHP18, FVA+19, FJH10, JYK+14, KST+10, KOT+21, LPF+18, LBC+15, MCD+14, RLR+18, TNC+09, TTF+22]. **habits** [KTIT22, SMN+13]. **Hadal** [JS21, AM19, BC19, BBRM20, CBL+19, GHSC19, HFO90, JGB20, KO19, SJ18]. **hake** [BWMGCB08, DFM+15, FCN+19, FB05, LC12]. **Half** [ALV+21, LSW02]. **Half-Century** [ALV+21]. **Halichoerus** [NBLI20]. **haline** [GCD+13]. **halocline** [BvdLA+11]. **halocyprid** [Ang79b]. **hamata** [MMN12]. **hamatus** [DK07]. **Hampshire** [NW87]. **Hans** [Ano65e, Ano65f]. **Haploniscidae** [JLRB20]. **harbor** [RNL+13]. **harbour** [JHW+14, LAP10, LH08, NHE+13]. **Hardcover** [Bak83, Hof81]. **Harmful** [IPF23, PP10, BLMR+20, KSC10, KHJ+10, LPHL+05b, MPMFL+23, PFHM10, SPF+23, Sma10a, Sma10b, TPRS10, WDC+11]. **harmonics** [XD96]. **Harp** [HBG+21, FJH10]. **harpacticoid** [KKKS14]. **Harpacticoida** [GS19, PMG15]. **Harpagifer** [NPO+19]. **hatchery** [IOGS13]. **hatchery-origin** [IOGS13]. **Hatchetfishes** [EBM+20]. **hatching** [BF11, IMHL07]. **Hato** [DFC+21]. **Hatteras** [GL06]. **Hawaii** [GDN+18]. **Hawaiian** [KST+10, LPF23, PCH+08b]. **hazard** [RAB+11]. **head** [CVHM+18, DCL+13b, PGGG17]. **Heat** [BDTC15, YTNK00, AHW99, BDBJ01, DMT15, EMK+17, HWPLvW20, HTdM+15, HDB13, JVJ+17, LLH+21, LDHW20, MMR+09, MMF+17, RKS+15, SCC14, SRFHDH22, SAH+21, WCN+05, WLM07, YN20]. **heating** [GW91]. **heatwave** [WHK23]. **Heatwaves** [Cia22, ABP+23, FSAO22, HAP+16, OLH+18, SN24, SOWS17, SJLW23, YW22]. **Heavy** [PCD+18, aHFS92, JP90, XYK+22]. **Heavy-metal** [PCD+18]. **Hebrides** [XD96, PHK+17, Rot65, Rot65]. **height** [CPSM20, DWH+14, HMRB+03, KDL+01, RG09, SRFHDH22, WLD+15]. **heights** [BBC+22, MZZ+23]. **Helena** [FHG03, TFM03]. **helgolandicus** [BRH+05, CÁM06, MAH+15, WPB+08, WSH15]. **helical** [MJ88]. **helium** [SW65]. **hemipelagic** [HKE+10]. **Hemisphere**

[APSC11, DMF+09, GPA+11, HSLG11, KMWF11, MBD+09, ELW06, SE08, SE09, KF11, LPA+11, TAH+11]. **Hensen** [WB03]. **Herald** [LPBM17]. **herbivorous** [DLD+19, FB01]. **Herbst** [AHRT90]. **herring** [GBT+19, HRSM08, HPNDC15, iIRM+15, MHTG10, Nag01, PS08, dSSDS+20, STF+13]. **hertwigi** [vPRT90]. **Heterobranchia** [CES+19]. **Heterogeneities** [Mil14]. **heterogeneity** [DJW+18, DCS+22, DBJ+15, GLV12, HHK+22, IHR18, RLT+22, SJ18]. **heterogeneous** [DIQJ21]. **heteropods** [BGWP+17, WPBG+18]. **Heterosigma** [MPMFL+23]. **Heterotrophic** [BVB88, VCB+00, BGM+01, BLP93, DLM+12, GASV+09, JP90, MVN+15, MSMH19, SHS+05, VDDA+08]. **hexactinellid** [RTN90]. **hexafluoride** [OYKK+23, TNS+05]. **hexapterus** [RHBS13]. **HF** [BBM+14, Pra91]. **hidden** [DBJ+15]. **Hierarchical** [KHS+14, HAP+16, OWH14]. **High** [BJMP19, BJMP20, Ché14, CTR+19, CRC+19, DOS+18, DAF+22a, DAF+22b, HHAR23, JM19, KV13, MLHE23, SDGVE17, SMP+22a, ŠVL+15, SVIA14, vHMDL14, APC13, APN+15, ASJ+23, ACL+18, AASJ23, AE09, BVJE19, BMC05, Ber65a, CKB+17, CGZ+16, CNBD21, DFD23, DPF+20, FM07, FRV+19, FACM+23, FAAV+15, FYYC05, GWS+23, HL05, HBG+21, HDA+16, KS06, KSB+22, KMSTK23, LNB13, LGG18, MFDH22, MRW+14, MJD+21, MBD+09, MSL+07, RMK+21, RN06, SVL+23, SKWWGV18, SCC14, STS+12, STM10, SWZS+21, TDGY22, UNN+14, WZBK+21, ZLC+15, dPCS23]. **high-Arctic** [RN06, SWZS+21]. **high-energy** [ACL+18]. **High-frequency** [DOS+18, ŠVL+15, FRV+19]. **high-latitude** [AE09, BVJE19, MBD+09]. **high-quality** [KS06]. **High-resolution** [Ché14, SMP+22a, vHMDL14, APC13, APN+15, ASJ+23, AASJ23, BMC05, CGZ+16, CNBD21, DPF+20, FACM+23, FAAV+15, GWS+23, MFDH22, MRW+14, RMK+21, SCC14, dPCS23]. **high-salinity** [FM07]. **high-water** [DFD23]. **higher** [LB20, XD96]. **highlight** [NFMCS+22]. **highlights** [GFB+15b, GFB+15a]. **highly** [AMG+16, BMG+21b, CSS+21, CHC+12, JOGM+10, LHP+05]. **highly-stratified** [BMG+21b]. **hill** [MDR20]. **hills** [DBJ+15, SBG16]. **Hindcast** [AW13, Cho86, His22, KRL08]. **hindcasting** [AEPW93]. **hints** [GGT+15]. **Hirudinea** [UKK+19]. **historic** [RN02]. **Historical** [DLC+08, SJH+90, CQC15, GJ00, PCBA+20, TKWI08, WMWR08, ZCD08]. **histories** [MT99, MFB+84, Wil87]. **History** [CGB+23, vdS94b, BVJE19, BBSN04, BLT+08, CMS+13, CBGC+08, ECFT20, Fre07, FMT15, GLAHH+22, GilKX22, JAC+12, JJS03, Kaw98, KLP+17, MRH+18, MRH+14, MC88, Nie07, RCM+03, Ric08, SCD+07, dSSDS+20, STS+12, SCHD23, SSM+90b, SSW+09, Wüs64, YAK+08]. **hiver** [Rou65]. **Hjálmar** [Ano13g]. **HNLC** [FYYC05]. **Hokkaido** [DWNN04, Nag01]. **hold** [BW08]. **holistic** [PRC+20]. **Holocene** [HKN+14, JS87, JKBH87, KiL14, KYS+17, Med87, NB87]. **holothurians** [GBM+01, HWBT03, RMB+01, WHBW03]. **Holothuroidea** [GKR20, MMK19, WDK+01]. **Holyrood** [CLMR23]. **home** [PPPdS20].

**homing** [BCL+09]. **homogenization** [Sak86]. **hoplonemerteans** [CP19]. **Horizontal** [BGM+10, IAN13, MWJ+08, PBP+99, RBS+20, RBS+22, SVIA14, GSPMAI99]. **Hornsund** [SPW22]. **horse** [ZL01]. **hosting** [MSV+14]. **hot** [HNSP+19, ZMCD11]. **hot-spot** [HNSP+19]. **hotspot** [FDE+22, JHW+14, PIS13, RVS+21, SC23, STGR+23]. **hotspots** [CCRS20, FJA+21, GFB+15b, GFB+15a, GBC+15, PMM+23, SSS+11]. **HPLC** [SHS+05]. **Hudhud** [VBM21]. **Hudhud-eddy** [VBM21]. **Hudson** [EHG+12, PGGG17]. **Human** [ALG+21, KSE+09, NCC+15, OvdSN94]. **humans** [RSB+13]. **Humboldt** [BDT+08, CRT+22, GCED22, JBB+14, TTB+08a, TTB+08b, ABE+15, AN04, Ant09, BLT+08, CBGC+08, EB08, EBvdL+09, FVLC+23, GDI+09, JTQ+18, LQU07, LPF+18, ML09, NMC+09, RBPGJ+20, RS10, SGF+19, SHD+21, SBG+08, TBW09, VSGC21]. **humpback** [AHGRAL23]. **hundred** [RCD+94]. **hurricane** [KAH+16, LC22, SZG06]. **Hurst** [NW87]. **huxleyi** [RPG+18, STHM02]. **Hwanghae** [Lie86]. **hyalinus** [GBG05]. **hybrid** [PVA24]. **hydration** [Due77]. **hydro** [PST+15]. **hydro-biogeochemical** [PST+15]. **HydroBase** [KS06]. **Hydrobates** [SWP+13a]. **hydrobiological** [DBC+18]. **hydrocarbons** [FTG+18, GGT+15, SGL+17]. **Hydrodynamic** [CB06, Con87, ACL+18, BFP+18, FG16, HLP+16, HPW10, KSK+15, LL97, TCL+15, WSS15]. **hydrodynamics** [JHW+14, MRW+14, MHCS+23, TSG+04]. **Hydrogen** [BCP09, Ros65]. **Hydrographic** [ALBP87, HMB+86, KHM+88, LBH+87, PHC+19, Yas07c, AMEV07, BDB+04, FW91, GMD+22, GJ00, GA00, JTD+14, Ken88, KDB95, KGJ+10, Lev88, Lie86, LC16, LWY07, Mac98, PFW15, STB+92, Sva65, TTL+04, TZP+00, WXH07, Yas07b]. **hydrographical** [FPY+16]. **Hydrography** [FT06, LWT+20, RBR+23, VMA+24, WDMC02, vAB96, BSÖ+94, BBL+09, CCA+02, DPF+20, FMW91, HHY03, HWLT10, MRMD+97, NCH+07, ÖHÜ89, PKF02, SPSR+14, TBK+99, WSL20]. **hydrological** [CSG+15, KBSB18, PGRP+18, SSVP00]. **Hydrology** [GCZ+00, GRD+23, Roo82, GCED22]. **hydrolytic** [CS89, RMB+01]. **hydrolyzable** [BPP+98, GGA+05]. **hydrostatic** [RPG+18]. **hydrothermal** [GSA+20, JP90, JG90, LDH90, LvBS+24, SF85, TJ90, WLP+21]. **Hydrothermalism** [DSV99]. **hydroxychlorophyll** [STW+15]. **hydroxychlorophyll-a** [STW+15]. **hyperboreus** [DWFP+19, LBC+23]. **hyperiid** [BTV+17, gWjNfLyD20]. **hyperpycnal** [HLS+14b]. **hypersaline** [LEDR+22]. **hypotheses** [FFA06, Hic79, SPH+15a, VPH+12]. **Hypothesis** [CS18, BM01, BF11, DTC+06, HMTL05, MPB+23, MCKS17, MZK+23, YYK88]. **Hypoxia** [SV14, PJS+22, ZHF+24, ZCH+17].

**I.G.Y.** [McG64]. **I03** [KMWF11]. **I03/I04** [KMWF11]. **I04** [KMWF11]. **Iberia** [BIST01, KPSB22, QCdS+07, RBD+07, SCD+07]. **Iberian** [ÁSDB+01, MSd+16, SVL+23, BGM+01, BCOL+19, BAOC+07, CVHM+18, CNBD21, DXH+02, DJG+02, EAL+07, EvdZSH02, FEGA+14, FMH02, JW01a, JRW01, JIT+01, JWD+02, LDB+02, MH02, MMPG07, ORR+02,

Peñ24, RCÁS+15, RWOA01, SNV+18, SvWRvB02, SW01, SMGL01, TTMM+17, TMPM+16b, TMPM+16a, TvG02, vWM02a, vWdSBdH02]. **IBM** [ANMP15, PST+15]. **Ice** [BHM+15, OPL+21, AAMB+24, BSC+19, Ber65a, BRG+23, CML+16, CGZ+16, DWFP+19, DLD+19, DLD15, DS65, FPJ+15, FACM+23, FMCG15, FJH10, GDL+15, GMR+23, GW89, HKN+14, HJLLN07, Hol00, Iwa23, JCF+23, KTN14, KON14, KMS+24, KSG+17, KSB+22, KGB+23, LVGH+15, LSF+17, LSH+11, LMA+15, LRJ+15, LDHW20, LSW02, MSC+15, MGA+23, MST+23a, MOSN+13, MMD+16, NNFL21, NAH+21, NST+23, ONR+14, RCB+20, RBR+23, RCSA01, Rud89, SMFM+21, SW92, SOO+14, SEW11, SLGI+21, SNMW10, TRY+04, TSFA22, VH09a, VH09b, WDC+11, WO15, WSL20, WBA+22, WC15, YNTS22, YLL19, YGMR+23, ZKK+16]. **ice-associated** [DLD15]. **ice-band** [SMFM+21]. **ice-free** [DS65, WDC+11]. **ice-mediated** [MMD+16]. **ice-sea** [CGZ+16]. **ice-sheets** [Ber65a]. **iceberg** [WBH15]. **icebergs** [NST+23]. **Iceland** [CGV13a, HØH+03, ZLZ+17]. **Icelandic** [Jón07, CGV13b, GVBV+21]. **ICES** [SWP+13b, WHG+16]. **ICES/GLOBEC** [SWP+13b]. **ichthyoplankton** [ABP15, DMBB02, JF13, MDAW+19, RMHL09]. **idealized** [CS06, LL21]. **ideas** [Rud15]. **IDentification** [GDN+18, CGG08, MHR+10]. **identified** [NMN08, YSS14]. **identify** [RRS03]. **Identifying** [GKC+14, KFH+15, RHBS13, HRA00, XYWY23]. **if** [Ano17i, Ano17j, Ano17k]. **IFC** [Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17b, Ano17c, Ano17d]. **ignition** [USH15a]. **II** [ÁSÁB+14, BBS23, CP19, HMO+13, KSD84, MPCNC+19, McD81b, MAB+11a, NKK03, NF87, SKF20, TTB+08b, Tol85b, WPB+08]. **iii** [Ano86j, Ano92i, CKT+13, MAB+11b, Sim84]. **iii-xv** [Ano86j]. **illuminate** [CRS04]. **illus** [Bak83]. **illustrations** [Ang80]. **image** [Ano17i, Ano17j, Ano17k, GPAB+16, MERB12]. **imagery** [CN22, OP18, RRS03, VOT+99]. **images** [CDB+24, SW92]. **imaging** [CTP+18, YNMY23]. **Imbalance** [RSB+01, DHB+21]. **Immature** [CBB+22c]. **Impact** [AdAK+18, CZG+21, FDB+21, GCB+22, IIM+23, KNSN+09, LBNBM13, MXC+21, MHS+20a, MHS+20b, MK12, OvdSN94, PPSVC+13, REG+15, SKT01, TMR+21, VTGC19, VNH+23, WBA+22, WW02, ZDM+20, ASFB+13, AH15, BWMGCB08, BF12, CRPS+15, DAvD+21, DHB+21, EBR+14, FB01, FGL+23, HKL+15, HPS+01, HZD+23, HHR+19, HKPV12, HSL96, KTN14, Kat18, KKNT23, KAG+19, KGJ+10, MAB+11b, MJC+17, NDEG22, NRA17, PTM+22, RHB23, RHM+19, SLBR18, SCHBC+22, SNR+10, SCS+18, SAB+22, SST+17, SPB93, TKSI08, TTB+08b, VBL04, XYL+22, YYT+14, ZKK+16]. **impacted** [MGC+18, PBB+20]. **impacting** [CGD+18, HPNDC15]. **Impacts**

[BDTC15, BDT+08, GPEV20, HLFL23, HDA+16, INI+17, KKKY10, KMS+24, LM10, RCB+20, XLL+20, ALG+21, CDTM+21, CTA16, CWS+21, DNNNN16, DAIS10, GMD+22, HMWM00, HRSM08, HWLT10, HSC+16, HBW17, HWF+21, KS15, LSH+22, MVN+15, McI10, MBH+01, MS00, MVV+19, MST+23b, OHH+22, PFHM16, PL01, PG10, Pra97, RDD+18, RCSA01, RAB+11, RKC+10, SBM+23, TNGP22, TKW06, TPRS10, THM+14, UBB+23, WSL20, WJPHB15, YZX+23, ZLKO00]. **impaired** [dJSL+20]. **impedes** [MLHE23]. **imperative** [KN10, KN11]. **imperfect** [BECA22]. **implement** [CP10]. **Implementation** [MPC12, SJP10]. **implemented** [BFPS06]. **implication** [AYH+23, FZY+23, Gam14, STHM02, TvG02]. **Implications** [BSA06, CCS+21, Gal17, INI+17, IHT+21, LLL+11, Law04, LRGV+18, NGPH10, OBD+20, OOTA15, Ric01, RS10, RLR+18, SSS+11, SFS+12, SBH+14, SMN+14, THM+14, Ang89, BHM+15, BEP02, BD18, CB06, CGB+23, DVB+18, GAF15, HRSM08, IHY+01, JC04, JCF+23, JG90, LL21, Mor91, PWZ+16, Reb02, RGM01, RCSHW22, SJ18, SPW22, TWBC+13, TCF+18, VB14, WWL+22, WBH15, WL16, ZL01, ZHD+20]. **implied** [CBB+22a]. **Importance** [HLK13, She65, BCR+13, CLSP17, CMC+16, CLB+13, DWC06, HFS+20, LZF+24, LM14, MDC+07, MCH+12, RGC+01, SRT+18]. **important** [KFH+15, NXT+17, SFS+12, SSV+11, VBA+18]. **improve** [CTMV+14, MAFS+22]. **Improved** [HHWW20, TAM+13, RAB+11]. **Improvement** [PPVG12]. **Improving** [CDB+24, KM22, PRC+20, HKL+15]. **in-** [Mil14, Sek88]. **In-flight** [Sac16]. **in-flow** [CTP+18]. **in-situ** [BGR+15, SNS+22, NIF+15]. **incidence** [YHRT22]. **incidental** [HYM+12]. **incised** [JFEC13]. **Including** [MCH+12, BFP+18, PMG15, TGJT09, ZHSMM14]. **inclusive** [CSH+23]. **Incoherence** [CGW+22]. **Incoherent** [CZW+22]. **incoming** [ZKT88]. **Incongruous** [Wil87]. **Incorporating** [Arb22, KMB01, FPS+13, PRC+20]. **increase** [CKB+17, Cra09, LAP10, SDGVE17]. **Increased** [SPW22, DBJ+15]. **Increases** [Woo18, AvD15, HLTB+17, PPSV+18]. **increasing** [RPG+18, VFS+15]. **increment** [ATT+08]. **incubation** [SFAD+90]. **Incursion** [ZJZ+21]. **Independence** [TWMY08]. **independent** [CDDF11]. **Index** [FHG03, SMG02, Ano63b, Ano63d, Ano64c, Ano64e, Ano65a, Ano65b, Ano65j, Ano65k, Ano69a, Ano69d, Ano73a, Ano73e, Ano85b, Ano85k, Ano86a, Ano87i, Ano89l, Ano90d, Ano90e, Ano92a, Ano92j, Ano93g, BCGN+18, CWS+21, KC15, PM13, SMN+14, dMM69]. **India** [JJA+13, JJA+17]. **Indian** [Ang79a, ABP+23, JHM+22, KRL08, PFE10, PAF+11, RHB23, SBC+16, SMP07, ZQWP23, AMY+23, ATC+19, Ano94c, CVBG21, CGS23, CRF+10, DAvD+21, Fai65, GCV+24, GCS91, HGT16, HBW17, ICB+19, KS06, LvBS+24, LSW+21, MNS+24, MST+23a, MKM93, MMF+07, MYH+22, MBKS08, MFA+15, NST+23, PTP+22, PS23, Rei03, RGE22, SM01, SDS02, SDS22a, SVU02, SAM+10, SW22, SSN23, SR15, SKCP23, VSA+21, VVV21, VMA+24, Wis65, XWW+21]. **Indian-Ocean**

[MYH+22]. **indicate** [ECFT20]. **indicates** [dJSL+20]. **indications** [AHRT90, WZ04]. **Indicator** [RCM+03, HSMLDC+22, LML+23, SON+20]. **indicators** [Don65, DPH+18, GRDS10, PL09, SKGS20, STGR+14, TSS+12, WFD+07, YFK21]. **indices** [DBR03, GRLS14, GSVB23, HPW10, PCSMC12, SW22, TNC+09, TCL20, WPH+10, YHLA+04]. **indigenous** [SL13]. **indirect** [LGK+93]. **indirectly** [Szu12]. **Individual** [BEP02, BSH+20, BLT+08, BAP+22, CMS+13, DSBP15, GBH+20, JAC+12, PGS+22, SK17, TMR+21, WPB05]. **Individual-based** [BEP02, BSH+20, BLT+08, CMS+13, DSBP15, GBH+20, JAC+12, PGS+22, WPB05]. **Indonesia** [SNR+10]. **Indonesian** [MMF+07, PCBA+20]. **induce** [LPHL+05a]. **induced** [BBB+14, BHPC06, CDH+13, CLB+14, CKL+14, Dav85, FLDF22, GML+23, HZCZ16, HE07, HCGK11, KKB00, LOO22, MLL+22, MMGL+07, NTU+14, NNM+21, OC06, PPSVC+13, SZG06, Szu12, TSAM+22, TS10, VBM21, XD96, YHLA+04, Yux88]. **induces** [DBR20]. **Industrial** [CBD+24]. **Industrialised** [Ang80]. **inermis** [CNT+19]. **Inertial** [Hen73, HLFL23, IAN13, KWI20, LZL+22, Lie88, LCZ+24, PTM+22, SSL07, WLCG23]. **infaunal** [IVR+13]. **infer** [TSS+12]. **inference** [Egb97, HMX+23]. **inferences** [OPG+10]. **inferred** [ADS+22, BSF95, CDDF11, FCN+19, HLSX22, OMS+09, OÁT+05, PPHM18, PCBA+20, SBC+16, SOB+08, SCC14, TBS+19]. **inflated** [HLM+16]. **inflow** [GHF+21, HØH+03, MM01, MIN+20, NBHM01, RBR+23, RKS+15, Woo18, ZBRJ23]. **Influence** [AGS10, AJHC19, AG22, CSV+07, CPG08, DOP87, FVLC+23, GdRGC+14, KM10, KTW+22, Lav09, MJA+07, NKK+05, PFE10, ST03, SHd13, SJJ+03, SBG16, SJD10, SLH+19, WCX+21, WPB+08, XNT+17, YAK+08, AR18, BRG+23, CLSD18, CGW+22, CPPPEAG22, CdTH+16, CS03, CBD+24, Cra09, Dri11, GSVB23, GGJ+10, GTS+21, GiIKX22, HWL+20, JHW+14, KAK+22b, LSXT01, LPF+18, MBP+11, MHTG10, MRBS+24, MHCR+12, NGNV12, Ore69, PJS+22, PLEF+23, QOS+22, RBNJ+12, RHB23, RBHLA04, SLM+16, SMR+20, STEB16, Sek86, SNZ+20, SCC+19, SBD+07, SK21, SPN98, TSG+04, TDK+16, ZPY+20, ZZWL06, vRGW10]. **influenced** [BEP02, GCFS06, IVT+12, RFSCF19, SM05]. **influences** [BPF06, BMG13, BECR+22, CSG+15, HEF+12, MVBC+21, PTP+22, Qiu15, SWZS+21, WHS+23]. **influencing** [DCD+23, LZCZ05, SNMW10, XD96, vHMDL14]. **info** [Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17b, Ano17c, Ano17d]. **inform** [FACM+23]. **Information** [Mol22, AGD+18, BTNK13, BBE+03, BMN19, BDE03]. **informed** [WPA+24]. **infragravity** [LH08]. **infrared** [VNMS91]. **infusion** [RG03b]. **ingestion** [BD20]. **inhabiting** [GVBV+21]. **Inherent** [LC10, SRG+19, HHMB+09, WMB+18]. **initial** [AHGRAL23, HHMB+09].

**initiation** [KFM15, RHM+19]. **Initiative** [MP13]. **Inland** [YFY+22, Ber65a]. **Inlets** [TSC03]. **Inner** [FCN+19, BD18, CAB+18, CP02, MG02, PHC+19, TNC+09]. **inner-shelf** [TNC+09]. **Inorganic** [FWBC02, JCF+23, DGH+20, HLR17, Kit03, KFC+23, RBR+23, SRF+19, SAM+04, ZSY+22]. **input** [XY20]. **inputs** [aHFS92, MTC14, OAD22, PBB+20, TSRF14]. **INSAT** [SNS+22]. **INSAT-3D** [SNS+22]. **Inshore** [CSG+15, BHAJ12, KLC+15]. **Insight** [AIHB+07, ALM+23, QLY+22, SF02, Ste12, YTL+19]. **Insights** [ATC+19, BK19, DOS+18, HPZC21, LSV14, MPMFL+23, McI10, PPCWJ18, SMN+13, VBAC+21, YNMY23, YSY+19, Yas07a, AEP+23, ÁSFP+03, BRB+01, CS16, DFD23, DDK+18, GBT+19, MSd+16, NBHM01, SSKA19, Sch03, Woo18, CDH+13]. **instabilities** [SÖÜ94b]. **Instability** [WLL06, Hog85, VMN08]. **Institutional** [MCB+10]. **instrument** [Dah69]. **Instrumental** [Szu12, Jer65]. **instrumentation** [SFAD+90]. **instrumented** [NBLI20, PHC+19]. **insular** [CMM+04, GIPG17]. **Integrated** [CCM+13, BKC15, DPH+18, DPR+18, FMP19, HFS+20, HMO+13, JHDT12, KSE+09, MCH+12, PM13, PHD+18, PV18, Val99b, WPH+10]. **Integration** [RKC+10, BMB+16, CFM+18, JTGM10]. **Integrative** [Ano09h, FBA09, JGB20, HAA+14, JZ19, MCB+10, SMN+13]. **integrators** [ESTM13]. **Intense** [ZCLS20, BBB+14, MPN09, PPdM+12, RCC+18]. **intensified** [MKOLA20]. **intensifies** [PLN+23]. **intensity** [AE09, BAOC+09, FP03, GvOS+08, LFI+13, MK12, PLK14, ST03, Whe06]. **Inter** [DBM17, FCN+19, HS07, LMPB+16, MTC12, SNZ+20, AMFY20, AMG+16, BCOL+19, CLL+18, DZ04, EHG+07, FBS+18, GLLB22, HDZY15, LW13, MB20, MCGR07, NRA17, OACB+15, PVA24, dlPHF+15]. **Inter-annual** [DBM17, FCN+19, LMPB+16, MTC12, SNZ+20, AMFY20, AMG+16, BCOL+19, CLL+18, DZ04, EHG+07, GLLB22, HDZY15, LW13, MCGR07, NRA17, OACB+15]. **Inter-basin** [HS07, dlPHF+15]. **inter-connected** [FBS+18]. **inter-ocean** [MB20]. **Interaction** [MSd+16, KBE+22, KAH+16, LC22, LSW+21, SMFM+21]. **Interactions** [MMF+07, PPY87, Val99a, AUE+14, BLP+20, CDP14, DRVMC+22, Due77, Fly03, GCG+14, HBG+21, MPM+18, Pie01, RBL90, SCD+07, WLKM10, YLL19]. **Interannual** [AAMB+24, AUE+14, BGMP03, DWNN04, DCS+22, ESTM+12, GFGGD+23, IAFD02, LAA12, LBC+23, LBSP01, MPV12, Min02, MWO+12, NNM+21, PELAA18, PO00, RBE+12, SiSI+02, TBW09, Wu13, YNM+02, BMM01, BPM+14, CHC+12, CD07, CRHM12, FDHT05, GdRGL+01, GA10, GCED22, GTS+21, HBD+18, IIS+17, Iwa23, JAS+20, KST+10, Kat18, KSK+15, LS12, LBD11, MZH+23, MT99, MM99, OLH+18, PV07, PFW15, PD15, PTI00, RWD01, RDP+21, SLM+16, SAM+10, SAB+21, Spr08, SJM+19, TBS+19, XWW+21, YIY+04, YKS+12, YBPS08, PLJR22]. **Interannual-** [BGMP03]. **interbasin** [EMK+17]. **Intercalibration** [JF13, TSG+04]. **Intercomparison** [BSFM+12, NH88b, SWP+13b, BEI+20, BRB+01, BDBJ01, NP00]. **Interdecadal**

[FBM+08, MNM06, MS00, MM99, MJWK07, RGM01, GCED22, Min02, PO00]. **interdisciplinary** [WH89]. **interface** [CDS90, CEF+13, SvWRvB02, SFAD+90, VPW01]. **interglacial** [Bro82, DPB06, HM98]. **interior** [HMKF08, ÖÜT93, TSRF14, WFR07, WC15, SDK84]. **interleaving** [Rud03]. **Intermediate** [EMU21, MWJ+08, NIC+19, PL18, ZSI+05, BLC23, CS18, DL17, HVS10, HGD22, KON14, LF12, MFS+16a, MFS+16b, MSGGM18, YTB+21]. **intermittent** [GMR+23, SSB14]. **Internal** [AHD18, HNSP+19, TYO+14, VOT+99, ZZPL18, vHVAT22, Arb22, BPSGP+23, CGW+22, CZW+22, ESA+13, GXX+22, GLPC23, GCG+14, GC14, Hey78, HLFL23, HHZ+22, HWF+21, ITO+14, JFUR20, KWI20, Kra69, Li14, LCZ+24, MZZ+23, NP00, PM85, RM97, Ric94, RHB23, RPSVLS14, SMFM+21, WGM+24, XDG+23, XD96, XHC+20, YHZ+22, ZCA21, ZQWP23]. **internal-wave** [HWF+21]. **International** [JLS+22, LM10, BPW10, KY15, ZNR+24, MHA+11, Rud15]. **Internet** [CAO+20]. **interpentadal** [MW96]. **Interplay** [CTI+19, HM06, CRT+22, RGPB+23, RA15]. **interpolation** [Egb97, MPSS91, SBM91]. **interpretation** [GAM98b, McD81b]. **interrupted** [KO19]. **interspecific** [MDR20]. **intertidal** [BRR+22, BWB+09]. **interzonal** [KST03]. **Intra** [FKZ+15, RCS+11, SGS+23, SGR+22]. **Intra-annual** [SGS+23, SGR+22]. **Intra-regional** [RCS+11]. **Intra-seasonal** [FKZ+15]. **intracellular** [BPA+21]. **Intraseasonal** [BPSN+21, QLY+22]. **intricate** [SBMB18]. **Intrinsic** [CD07, CPSM20, PMA+14]. **Introducing** [GLF+17]. **Introduction** [Ano65g, Ano10a, BPW10, CBB+02, CB91, FL06, ITM86, JM88, LK13, LM10, O'B83, PAB+87a, PBH+10, SRM+10, SBB+14, Tak88, TT05, AB00, BR01, CH07b, HMWM00, JW01a, MBH+01, Peñ03b, RG03a, RG03b, SSM+90b, SB69, TP00, Was06, vWM02a, RAB+84]. **introductory** [Ang79a]. **Intrusion** [ZSY+22, BLR+23b, NXY15, WST+21, YYC+18, YYhT+17, YMK+04, YLY+14]. **intrusions** [ÖÜT93, RK03b, RR03, TG81, VKT15, YN03a]. **inundation** [CLB+14]. **invasion** [RSB+15]. **invasive** [FVA+19, YFK21]. **inventories** [KKS+03]. **inventory** [CPG+18, YT06]. **Inverse** [VBL04, APHGC+22, Ben85, FTG+11, HNL14, Suk88, SMP07]. **inversion** [BGV+23, Egb97]. **invertebrate** [AIA+15, BJ90, QCdS+07, RNBP+19, SLPA+20, Wil87]. **invertebrates** [ALT10, KO19, MKSvA+22, PPHM18, Sok90]. **inverted** [ZZPL18]. **investigate** [LAHI10]. **investigated** [TFZS14]. **Investigating** [LOBG+10, BN03, TSJC07, VBL04]. **Investigation** [BDP+06, BFPS06, LvBS+24, PFE10, ZCH+17, dLLdAWL+23, Ano94c, BH07, GLPC23, JX18, MKM93, Sei63, TCN20, WCX+21]. **investigations** [KFM15, WTT14]. **IOD** [LSW+21]. **IOD-ENSO** [LSW+21]. **iodine** [TBW00, ZSY+22]. **ion** [Due77]. **ion-water** [Due77]. **Ionian**

[SK21, KK20, MRMD+97]. **ions** [CS89]. **IPCC** [LSS+10, SYB+15, SAB+22]. **IPCC-class** [SAB+22]. **Ireland** [CJMO87, PMM+23]. **Irish** [DJ92, HHB+00, LML+23]. **Irminger** [HRA+08, PM22, SIR+07]. **Iron** [AYK+05, DTKvH15, KTN14, KNI+05, NHN+21, Qiu15, TRP+23, AIHB+07, Ban96, BB14, FYYC05, KIS+05, NNO+14, NKK+05, Peñ03a, RTF+05, SSH+05, SWT+17, SHS+05, TT05, TSNO05, TKK+05, TNS+05, UNN+14, VMN08, WCC+20, YFY05, ZCD08]. **iron-depleted** [AIHB+07]. **iron-enrichment** [TT05, TKK+05]. **iron-fertilization** [TSNO05]. **iron-fertilized** [TNS+05]. **iron-replete** [AIHB+07]. **irradiance** [Ban96, BD18]. **Irregular** [Par65]. **irregularity** [OAM00]. **irrigation** [PMDR06]. **ISBN** [Ang79a, Ang88, Bak83, Hof81, SW81]. **Ischnomesidae** [BBFS19]. **Isfjorden** [SON+20]. **Isidella** [PRA+18]. **Island** [DWNN04, SCB+16, VSGD21, GDN+18, RM97, YHLA+04, FHG03, KMOM88, MFM15, WLKM10]. **island-induced** [YHLA+04]. **Islands** [CCRS20, PMC21, TSFA22, PMG15, AGL+15, BAM+09, BA04, BATNP04, CPG08, DMBHG10, FWO15, GASV+09, HMB+86, PVB23, RZW+23, TOiF+12, TMH+16]. **Isles** [HHWW20]. **isoirradiance** [LRAE23]. **isolated** [JP90]. **isopod** [RK20]. **Isopoda** [BBFS19, MB20, GM19, JLRB20]. **isopods** [BLES16, CF20, JGB20, SBS90]. **isopycnal** [CM18b, KY23, RLC85, Tom81b]. **isoscape** [HOY+21b]. **Isoscapes** [OMK+22, ALM+23, MRA+19, OPH+24]. **isothermal** [Due77]. **Isotope** [CSG+15, AYH+23, BAOC+07, CSK+12, CDP14, EiIT+22, GWM+22, IBW+01, Kli10, KSS+23, KSG+17, KAAK+16, LSV14, MRAP22, OPG+10, PPHM18, QOS+22, SF02, SM16, VKGP+13, YAI+14]. **isotopes** [BGA+21, CGC+20, ESTM13, GSPP+20, LvBS+24, LCJ+17, PYKF15, SBC+16, SHC+06, SHC+07, WST+21]. **Isotopic** [WWL+22, WRS+92, WLP+21, CSC+12, DDCE+23, ESTM+12, FMC+15, GDM+20, LCBN14, NAH+21, Ola65b, OPH+24]. **Issue** [BDB+22, LM10, SBB+14, FJhT+14, MSI17, RW97, SGPdM18]. **issues** [ORMB08, Zav99]. **Istiophorus** [RLL+09]. **Italia** [CPB+15]. **Italian** [Sel65]. **Italy** [Pir87, CBB+19, CBB+22b]. **itself** [UAM05]. **IV** [Hau84]. **Ivanovich** [Ano20u].

**J** [Ang80, Ang88]. **J.** [Dea85]. **jack** [ABE+15, ACN01, BHH+16, EiIT+22]. **James** [Ang80]. **January** [GSPMAI99, KSPK99, TBK+99, Ano98a, Ano99b, Ano00a, Ano02b, Ano03c, Ano04c, Ano05d, Ano06a, Ano07k, Ano08o, Ano13p, Ano14p, Ano15o, Ano16m, Ano18k, Ano19k, Ano20n, Ano21o, Ano22v, Ano22-27, Ano22-28, Ano23o, Ano24e, KDB95]. **Japan** [hHCK01, KKK+04b, LXC+22, AB90, CTL+04, CS03, DWNN04, DZ04, Gam14, HFO90, Igu04, Ike88, IHY+01, IMW+14, JJL+19, KKK04a, KKS+03, KWI20, KKKS14, KNS+03, KOT+21, KTIT22, MGKW19, MLD+03, NEI+22, NH88a, NMK+03, NKK03, Nof00, SN24, Sek86, Sek88, SS03, Soh03, Sud86, TMN+12, TTL+04, TKW06, TKWI08, iUMY86, WGM+24, WHT86, YIY+04, YNMY23, YYK88, YPM+10, YFY+22, YAK13, ZLS+04, YJW88].

**Japan/East** [CS03, TKW06, TKWI08, YIY+04, ZLS+04]. **Japanese** [CLB+14, SKH+23, YFY+22]. **japonica** [GC09]. **japonicus** [GiIKX22, HSGJ23, TMÁGC+21, ZL01]. **jashnovi** [NMN08]. **Jay** [GWGR+19]. **JCOPE2** [CMG15]. **jellyfish** [BDC+08, CRT+22, DBC+23, RBE+12]. **Jersey** [JKBH87]. **Jerusalem** [NF87]. **Jervis** [TSC03]. **JES** [YIY+04]. **jet** [Kos02]. **jets** [RFPG15]. **JGOFS** [CBM+21, JvdLL+15, MB05]. **Jiaozhou** [LZCZ05]. **Johanssonia** [UKK+19]. **John** [Ano85a]. **Jones** [DGP+13, EMBS13, LTSG13, MEST13, PIS13]. **Juan** [MPM+18, SZG06]. **Juby** [ABT+04]. **July** [Ano03a, Ano04d, Ano05c, Ano06d, Ano07m, Ano08n, Ano09i, Ano20o, Ano21p, Ano22w, Ano22-29, Ano22-30, Ano23p, YYC+18]. **jumbo** [ATT+08, BGM+10]. **June** [Ano09h, Ano22-31, Ano22-32, YJW88, Ano98d, Ano10k, Ano14q, Ano15m, Ano16q, Ano17q, Ano20p, Ano21q, Ano22x, Ano23q, HBV+10, KTB+99, KMU+12, SLBVRR+22]. **juvenile** [DIQJ21, EKB06, EiIT+22, FMM+20, GA10, LMM03, SBL+23, YGL+10].

**Kalmaegi** [WZC20]. **Kalman** [MZGA+20]. **Kamchatka** [AM19, AP20, BBFS19, BC19, BBRM20, CES+19, CP19, CBL+19, FTHK19, GKR20, GM19, GHSC19, JPB20, JGB20, Kam19, KCBS20, KKS+19, MA20, MB20, MDG+19, NHN+21, SSKA19, SKF20, SPB19, UKK+19, YTL+19]. **Kara** [HKGH+06]. **Karenia** [BTS+15a, BK19, VMV+23]. **Kashevarov** [RCSA01]. **Katsuwonus** [KAK+22a, PGS+22]. **kelp** [BD18]. **Kelvin** [BDT+08]. **Kerch** [KAG+19]. **Kerguelen** [BCLD+17, DMBHG10, PWZ+16]. **kernels** [HPW10]. **keta** [SKSK06, YWUK15]. **Key** [MST+23b, AHSS22, Ang79a, BGM+99, CAO+20, DP18, GDI+09, GBH+20, MTK+22, TCF+18, HPNDC15]. **Kharlamenko** [Ano20u]. **kill** [VWDF14]. **kill-the-winner** [VWDF14]. **killing** [MPMFL+23]. **kinetic** [LZL+22, LBD11]. **kinetics** [GTR01]. **King** [STC10, BMN19, STEB16]. **Kinorhyncha** [AM19]. **kisutch** [AHC+13]. **kittiwakes** [WFD+07]. **knot** [HPNDC15]. **know** [SMKK21]. **Knowledge** [JPM+08, OELP04, Don87, Eme65, GGT+15]. **Knowledge-based** [JPM+08]. **known** [FTHK19]. **Knudsen** [BBF+22]. **kochi** [BLCL14]. **Kongsfjorden** [AKH+23, HFPS+06]. **Konrad** [SW81]. **Korea** [BC88, FY88, Lie88, MWO+12, Suk88, YMK+04]. **Korean** [KKB00, MK12, RK03a, YN20, YMK+04, ZLKO00, ZL01]. **Korteweg** [NP00]. **Krill** [OACA20, AMY+23, BLP+20, DSBP15, IIM+23, LAA12, LS15, MPSD15, OTNI20, RBPGJ+20, SSS+11, SFS+12, TNGP22]. **Krithe** [YTL+19]. **Kröyer** [CCG07, AHRT90, Ver91]. **KuramBio** [CP19, SKF20]. **Kuril** [AM19, AS20, AP20, BBFS19, BC19, BBRM20, CES+19, CP19, CBL+19, FTHK19, GKR20, GM19, GHSC19, JPB20, JGB20, Kam19, KCBS20, KKS+19, MA20, MB20, MDG+19, NTU+14, SSKA19, SPB19, UKK+19, YTL+19]. **Kurile** [SKF20]. **Kuroshio** [ALV+21, CGW+22, CMG15, CZW+22, HSH97, JC88, Kaw98, KSS+23, LMC+20, MZH+23, NXY15, QNK+22, RI86, STJ+14, TMN+12, TSJ+12,

WCX+21, WST+21, WWZ19, YYC+18, YJ88, YTNK00, YLY+14, YYhT+17, ZLR+07, ZLC+15, ZSY+22, YJW88]. **kyr** [AVG+19, SGF+19]. **Kyushu** [Ike88].

**L** [WR03]. **L4** [TAW+15]. **labeled** [SCLG+11]. **labile** [ÁSDB+01, DMD+00, DDD+00, FPD+01, KGdS+08, TRMV15]. **lability** [BHHR15]. **Laboratory** [Rud03, FHL+24, Sak86, Sch03, VPS09, YN03a, McD81b]. **Labrador** [HMP+13, CGV13b, DCL+13a, FPY+16, HBL+13, HHY03, HMP+13, KY15, LRS+03, LNB13, LWY07, LBD11, MJWK07, PCM11, TDGY22, Yas07b, Yas07c]. **Labrador/Newfoundland** [HMP+13, HBL+13]. **Lack** [JMSB+23, WSH15]. **lagged** [dSSDS+20]. **Lagoon** [CKL+14, AR18, RTBR+22, YAK13, Pir87]. **Lagrangian** [AKAL20, AVS23, BIST01, BBM+14, FB01, GL06, HCAFD+20, HMS+22, JLB+08, JW01a, JIT+01, LaC08, LOG+09, Men21, ORW+01, Pra22, SMGL01, Woo05]. **Laila** [MMR+12]. **lakes** [SvN04]. **Laminated** [SGO+08]. **lampfish** [Kli10]. **lance** [RHBS13]. **Land** [AYH+23, GCD+13, GHVG19]. **land-** [GHVG19]. **landers** [TDH+95]. **landfall** [MK12]. **landscape** [MRH+18, SLBH+19]. **Lang** [PMG15]. **lanternfishes** [EBM+21]. **Laptev** [SPG+06]. **Large** [ASB+08, BCS09, Bel09, GFB+15b, GFB+15a, HPB+09, KSE+09, LBP15, RM89, SH09, TG05, YSY+19, ALM+23, Bak01, CNT+19, CWZ+20, CGC+20, CRT+22, CRF+10, DKRL22, DHL+21, DTKvH15, ELW06, EBW+23, FBB+21, FK86, Har05a, Hob10, HWB+18, IPD14, ITO+14, Kaz17, KGL22, KT04, LMS10, LMH+13, LFBP+13, MSMR93, Man04, MFB+84, MN88, MC88, Mil93a, MSA+22, NBLI20, PK02, PZA+15, RFFL21, RLGC10, RFS10, RPSC22, SSL08, SJ02c, SJ02b, SMP07, TMN+12, YGC+21, ZWM+15]. **large-amplitude** [ITO+14]. **Large-scale** [ASB+08, GFB+15b, GFB+15a, LBP15, SH09, YSY+19, ALM+23, CNT+19, FBB+21, HWB+18, IPD14, Kaz17, LMH+13, MSA+22, PZA+15, RFFL21, RPSC22, SJ02b]. **large-sized** [KT04]. **larva** [PKA19]. **larvae** [CZG+21, DMC+18, GGJ+10, HLS+14a, hHRW+05, HCGK11, KSS+23, KTIT22, LDAM+07, LHC+21, MMIB10, MPM+18, OCH+18, OOTA15, PCSMC12, PPdS21, RKCH15, SOS+07, SMPC+12, WOW+14, Wil87, YCP+12]. **Larval** [CHSB+21, DPM+09, MKSvA+22, OAWAN18, RLGC10, ALT10, CDTM+21, CZG+21, CCM+14, CKL+14, DCM16, DPGC14, FGGDF+04, FB05, GKC+14, GCG+14, GDM+15, HLS+14a, HKPV12, HPNDC15, HCGK11, MGKW19, QCdS+07, RNBP+19, RLL+09, RBHLA04, SNV+18, SMR+20, SCHD23, TTMM+17, TKC+22, TMR+21, VDGGD+22]. **laser** [BTNK13, LGL+18, PKA19]. **last** [AVG+19, CFC+18, DYL+15, Emi65, LXC+22, PBB+20, RSB+01, RCD+94, SGF+19, SF02, TKW06, VSGC21, ZLC+15, TAF+22]. **lasting** [PDV12]. **Late** [EHG+12, dWDB+98, DLD+19, GDM+15, HMH07, INI+17, KiL14, KMS+24, KYS+17, SKSK06, ST65, TKWI08, VHV+12, YLL19, dFKdLZTT17].

**late-spring** [dFKdLZTT17]. **Late-summer** [EHG+12, dWDB+98]. **Lateral** [IHT+21, SAH+21, TPPG10, BHPC06, Mar03, VK92]. **Latest** [RBD+07]. **latitude** [Ang79b, AE09, BVJE19, HSL96, HDA+16, KA85, MHS+20a, MHS+20b, MBD+09, RGMPR23, Wu13, ZLC+15]. **latitudes** [ABSDC07]. **Latitudinal** [BMdMS+21, BHS+15, FWH+17, GVKD+13, YMA+17, BHC+18, BGWP+17, BTV+17, DLL+23]. **Law** [War06, dB94]. **Lawrence** [MPN09, HGD22, LBC+23, MPSD15]. **Layer** [Car98, SPN98, ATS01, AMEV07, Ano94c, BMK12, BOG20, BTG+03, BLC23, CMHM18, CS18, CDP14, DHC+20, DGMM85, DVB+18, Gam14, HGD22, HFW+98, HTdM+15, HLS+14b, LYS+22, MY92, MKM93, McD81a, MSGGM18, NDEG22, NF06, OVR+02, PMFNGQ21, PFW15, PNF+21, SAT+22, SLGI+21, TvW98, TvG02, Tsu86, VB14, WZFW16, XHW+20, XY21, YTNK00, ZSW+22]. **layered** [CGL+20, Ros65]. **layering** [PSGVS+14]. **layers** [BLMR+20, CLG+00, DL17, FBT+22, GRMB18, GIC20, LRAE23, PVB23, Peñ24, PdMS+13, VOJD02b, WGZZ19, ZPC+16]. **lead** [VPM+19, SW81]. **leading** [DYO+10, HHWW20, OOTA15, YMK+04]. **leaping** [CGW+22]. **learn** [JvdLL+15]. **learned** [BK08, MLHM09]. **learning** [CLX+20, GL23, PVA24]. **least** [BGL+17]. **lecture** [Sie88]. **lee** [HNSP+19]. **leeches** [UKK+19]. **Leeuwin** [GW91, MB07, TWAL+11, WOW+14]. **legacy** [Fly10, PDV12]. **legend** [Ano17i, Ano17j, Ano17k]. **legged** [WFD+07]. **lemuru** [SNR+10]. **length** [LVGH+15, SEG+22b]. **Lepidochelys** [CdTH+16]. **Lepidodinium** [RSM+23]. **Lepidopsetta** [LDAM+07]. **leptocephali** [FMC+15, GDM+20, KMF+20a, KMF+20b, MFA+15, MSA+22]. **Leptonychotes** [NRS+19]. **Leptosomatidae** [MSFZ19]. **less** [BFR13]. **Lessons** [BK08, MLHM09]. **Levant** [Ore69]. **Levantine** [ABM+05, ÖHÜ89]. **level** [BHPC06, CDDF11, CJMO87, CAT+08, Con87, Den87, Dev87, DPCS87, DOP87, FP15, FK99, FG16, FWL+15, GAPM16, HHWW20, HPHW21, JKBH87, KKKS14, LMPB+16, Let87, LSMG01, LB20, MTC12, MVS08, NO14, NH88a, NF87, OPH+24, PS91, Pir87, PBN13, RN02, ŠVL+15, ŠPM+22, SAM+10, SC65, STR01, SIB+06, SSW+09, SCS87, Tho87]. **levels** [LLL+11, LH08, MPC+17, PHFK14, RD11, STM10, SPMVP05, SNMW10, Tan99, WFR07]. **Levitus** [Cai95]. **lie** [CPC88]. **Liebig** [dB94]. **Life** [JAC+12, MFB+84, Nie07, PRTC13, SSTD+95, AHP19, BVJE19, BSF+21, BLT+08, CGC+20, CMS+13, CCM+14, ECFT20, FWH+17, FVLC+23, FCN+19, FMT15, GilKX22, HLM+16, HE07, HPW10, IVR+13, KSK+15, KLP+17, LSY+14, MMG+13, MLB+20, MT99, MST+23a, MRH+14, MC88, MVBC+21, NHG19, PWZ+16, PDAM+15, PST+15, Pra22, RNBP+19, SCD+07, dSSDS+20, STS+12, SCHD23, SLY+15, SSW+09, THBA19, TMR+21, VMH+21, WKS+15, Wil87, YAK+08]. **life-histories** [Wil87]. **life-history** [dSSDS+20, SCHD23, YAK+08]. **life-stage** [MMG+13]. **life-stages** [PWZ+16]. **ligand** [HSLG11]. **Light** [ACK+13, LCB18, Mor91, SK91, ÁLC22, BMGN15, GGPG+19, HOY+21a, JJL+19, KM08, KY15, MBP+11, RHM+19, ST03, SBBV04, JTD+14].

**Light-dependent** [ACK+13]. **Lignin** [SMN+14]. **Ligurian** [BAARB05, BMB+16, BBM+14, CPB+15, CLD22, CBB+22b, CQZ+18, CRC+19, DSC+19, GCF+19, GBB+20, OÁT+05, PCD+18, ZGB+20]. **like** [HCAFD+20, ICB+19, LSM08, WST+16]. **likely** [MHR+10]. **Limacina** [MLB+20]. **limit** [KAK+22a, SAd+17]. **limitation** [AFBT+22, BB14, HLR17, ILA21, ZCD08]. **limitations** [BBE+15, BMG13]. **limited** [KEV10, LHF+16]. **Limits** [LRJ+15, ALT10, Hea12, LHW+20, SGL+18]. **line** [CLdPHL23, DN07, HWS+07, JOGM+10, KH09, CGB07, Fre07, MG02, PV07]. **lineage** [SPH+15b]. **linear** [BMGN15, HNL14, KC15, LI10, McD81a, PC87]. **lines** [Kaw86, KMWF11]. **link** [AB90, HHSR07, IIS+17, MCG+14, RGI05, SBPGP+23, VMA+24]. **Linkage** [ZHD+20, BM01, KiL14, KSG+17, NMY+14]. **Linkages** [YPVP+22, BHA+14, HPS+01, KYS+17, NYH+22, TTB+08a, WLD+15]. **linked** [CHSB+21, HTV+20, ONR+14, RBR+23, SSL08, YKNO23]. **Linking** [BFB+20, DMBHG10, FFA06, GF19, MRW+14, SST+17, SPWH21, TSS+12, BB10, STF+13, THP21]. **Links** [SF15, BC01, GDL+15, HLS+14b]. **Linnaeus** [YGL+10]. **Lion** [EMU+23, PGT+13, STG+18, CDH+13, SGL+13]. **Lions** [DDDT99, FFS+20, PPdM+12]. **lipid** [CPPPEAG22, FMC+20, PPCWJ18, SGL+17]. **Lipids** [BC01]. **Liquid** [NBR+08]. **liquidum** [Coo69]. **Lisbon** [KGdS+08, OMS+09]. **List** [Ano03j]. **lit** [Bak83]. **Lithodes** [BMN19]. **lithogenic** [PBP+99, YAI+14]. **litter** [CPC88, MDB+20, RLDC+13, TCL+15]. **Little** [HM90, Nof00, KGJ+10]. **littoral** [DAKV99, dlHRA+18]. **littorals** [ST65]. **Living** [DSC+19, LMP22, BHK+19, LFG10, LIH+12, MM80, MSFZ19, OSH+96, Ric01, SKT01, TSH+17, SAB+22]. **LIW** [MTL05]. **loading** [LM97]. **lobster** [ACK+13, GRB+08, MPM+18, WOW+14]. **Local** [FBB+21, JOGM+10, ASB+08, BBS21, BBS23, CMM+04, CGC+20, IHT+21, LLAPG+22, NGLSSG14, PMMN+22, PSM+22, RSW+23, RHB23, YCP+12]. **local-scale** [ASB+08]. **localities** [Mid69]. **locality** [VPW01]. **localized** [LRJ+15]. **location** [LBC+23]. **locations** [LC12, MGF+13]. **lock** [MZK+23]. **loco** [GKC+14]. **Logachev** [vHMDL14]. **loggerhead** [CBB+22c, MHR+10]. **logic** [JPM+08]. **logistics** [KNS+03]. **Loliginidae** [OÁSG+16]. **Lombok** [GXX+22]. **Long** [BBR+01, BLCL14, BD18, BBL+09, CMF+09, DLM+96, FMP19, FAH+13, FMSBW13, GMD+22, KON14, KNS+03, LSIC12, LSXT01, MDAW+19, Nag01, PG10, STJ+14, ŠGM+18, Spr08, TFY02, TKW06, VMB+22a, APC13, ABE+15, BPTT19, CSK+12, CB17, DEW+97, FRV+19, GML+23, GHL15, GCD97, HFS+20, hHRW+05, HHZ+22, JOGM+10, JLP+20a, JLP+20b, JLS+22, KRHS14, LO07, LHE+13, LPF+20, MLL+22, MDGC+12, PGY+22, Reb02, SOH21, STHM02, UPPS+21, WFD+07, WHBW03, WHIH97]. **long-chain** [SOH21]. **long-line** [JOGM+10]. **long-period** [GCD97, WHIH97]. **long-range** [DEW+97]. **Long-term** [BBR+01, BLCL14, BD18, BBL+09, CMF+09, DLM+96, FMP19, FAH+13,

FMSBW13, GMD+22, KON14, KNS+03, LSIC12, LSXT01, MDAW+19, Nag01, PG10, STJ+14, ŠGM+18, Spr08, TKW06, VMB+22a, APC13, ABE+15, CSK+12, CB17, FRV+19, GML+23, GHL15, HFS+20, hHRW+05, HHZ+22, JLS+22, KRHS14, LO07, LHE+13, MLL+22, MDGC+12, PGY+22, Reb02, UPPS+21, WFD+07, WHBW03]. **longer** [YYhT+17]. **Longevity** [BMB06]. **longicauda** [GKR20, RMB+01]. **longicaudata** [SIR+07]. **longipes** [SSTD+95]. **longirostris** [PPdS21]. **longitude** [YMA+17]. **longshore** [CB17, Hut87, Yos80]. **look** [CLMR23, HS22]. **loop** [MHA+11, dJSL+20, HMS+22, KAK+22b]. **loophole** [IFC+07]. **looping** [CGW+22]. **LOPC** [EBS+18]. **lose** [DSAB20]. **Loss** [GMR+23, MBF+14, PLN+23, USH15a]. **loss-on-ignition** [USH15a]. **losses** [Wal83]. **Louisiana** [MCB+90]. **Low** [Ban96, CM18b, AAML22, AC85, Bak01, DCM16, FYYC05, HL05, HSL96, KA85, KGB+23, Lav09, Mol22, MKS+22, PZA+15, STM10, TSFA22, Wu13]. **low-density** [Mol22]. **Low-frequency** [CM18b, PZA+15]. **low-latitude** [KA85, Wu13]. **low-salinity** [MKS+22]. **Lower** [LLL+11, CFM+18, CAT+08, FK99, GAPM16, KAK+22a, LSMG01, MPSD15, MPC+17, PCH+08b, SNMW10, Tan99, TAM+13, WGZZ19, WGG+08, YWUK15]. **lower-trophic** [CAT+08]. **loxosomatid** [BC19]. **Loxosomella** [BC19]. **LTER** [MDGC+12]. **LTER-MC** [MDGC+12]. **Lunar** [RCSA01, UPPS+21]. **Luzon** [CGW+22, MZH+23, YLY+14, YYhT+17]. **lyase** [CM14a, FPS+09]. **lysis** [CRC+19].

**M** [Ang80, LMPB+16, CDS90, GSSWK20, SS03, LL97, YMI88]. **M.** [BLCL14, RK20]. **M9.0** [CLB+14]. **machine** [CLX+20, VSPP14]. **Machine-based** [VSPP14]. **machine-learning** [CLX+20]. **Mackenzie** [LPF+20, LPF+21]. **mackerel** [ACN01, BHH+16, BSH+20, EiIT+22, GiIKX22, JSdSS+21, TMÁGC+21, YKNO23, ZL01]. **mackerels** [ABE+15]. **Macro** [CHC+12, KTN14]. **Macro-** [CHC+12]. **macro-nutrient** [KTN14]. **macroaggregates** [KS15]. **Macrobenthic** [TPP+00, BRR+22, GBC+15, IG19, JMSB+23, Sok90]. **macrobenthos** [Whe06]. **Macroecological** [BLHB07, BMG13]. **macrofauna** [BAB+19, FMH02, GSV+01]. **Macrofaunal** [HDM19, Car98, SH09]. **macroinfaunal** [CLSD18]. **macronutrient** [TRP+23]. **macronutrients** [AIHB+07]. **Macrophysiology** [HBR11]. **macroscopic** [PMA+14]. **Macrostylis** [RK20]. **macrozooplankton** [CIL+23, DSR21, HGD22, MCT03]. **Madagascar** [ZQWP23]. **Madeira** [RBL90]. **Madeiran** [PMG15]. **maenas** [YFK21]. **Magallanes** [PTPY+23]. **Magellan** [AHGRAL23, Gri22, SPF+23]. **Magellanic** [BRR+22]. **magellanicus** [GGJ+10]. **magnesium** [Wis65]. **magnetization** [Hey78]. **magnitude** [CCH+12]. **Mahlon** [CNT03]. **main** [FZ88]. **Maine** [BDB+04, MLB+20, RKC+10, TPTM23, WBC+22, WLM+22]. **mainland** [CMM+04]. **maintain** [MAH+15]. **maintenance** [DS65, PC87, PVV23, STS+12, WWL+22]. **Major** [BTK+99, JTQ+18,

LDMH09, VDB+20, AAMB+24, BBSN04, CED09, HS07, Igu04, LTJ+15, MLD+03, MIN+20, NRA17, PLP99, TSAM+22, Wüs64, ZMW+23]. **Malaspina** [GKS+13]. **Malin** [XD96]. **Malin-Hebrides** [XD96]. **Mallotus** [BSF+21, CGV13a, CGV13b, MMD+16]. **Malvinas** [PMC21, PSP+21, RPPM+23]. **mammal** [KFH+15]. **mammals** [SPS+99]. **Management** [SHG12, BDE03, CN22, Dev87, EAB+23, FPS+13, GKC+14, GRDS10, HFS+20, INI+17, JOGM+10, JHDT12, JBH20, KHL12, KMB01, LLL+11, LFG10, LIH+12, McI10, MBF+14, Ric01, RS04, SSB+20b, TCF+18, WFJ+15, Zav99, ZL01]. **Managing** [TSH+17]. **mandalas** [KV18]. **manganese** [Hey78]. **Mangkhut** [DFC+21]. **manifestation** [KSD84, RM97]. **Manila** [YAK13]. **Mannar** [JJA+13]. **manta** [RHB23]. **Manx** [SSB14]. **Manxman** [Mer65]. **many** [Ric01]. **mapping** [BPGD+14, LMT+19]. **maps** [RRS03]. **March** [Ano20q, Ano21r, Ano22y, Ano22-28, KSPK99, KDB95, TBK+99, GR17, Ano99d, Ano07o, Ano08u, Ano08w, Ano09j, Ano10l, Ano13m, Ano14n, Ano16k, Ano17s, Ano18m, Ano19l, Ano23r, Ano24f, CLB+14, GSPMAI99, KTB+99]. **marcusorum** [BC19]. **Margin** [BHE+98, CHG+18, FLdST98, LHEB98, OB98, TMPM+16b, TMPM+16a, TvW98, vWMH98, BGM+01, BCOL+19, CLG+00, CLA+00, CVHM+18, CdMS+18, CBD+24, DXH+02, EvdZSH02, FARRL+13, FMH02, GLV12, HG04, HWF+21, Hut95, JW01a, KKS+18, KiL14, LGR+02, MH02, MCGS+16, ORW+01, PCD+18, PPHM18, PGGG17, RLT+22, RCÁS+15, RLR+18, RCSVGP+16, SCMAR+99, SVHM+13, SvWRvB02, SH09, SW01, SMGL01, TCDPP+22, TvG02, TPP+00, VHV+12, WDMMK89, XLX+20, YMI88, vWM02a, vWdSBdH02, BPP+98, HM98, PS98, dWDB+98, vWHdS+98]. **Marginal** [BHM+15, FJhT+14, LMW+12, PO00, CWZ+20, DPB06, Gal17, IHT+21, IU14, JCF+23, KJZ+12, MTC12, McK04, MNFY21, NYH+22, PB94, SCC14, SPWH21, LLX+21]. **margins** [ACK+13, BPGC+20, ESTM13, Kit03, LDB+02, Sol00]. **mariculture** [Mae88]. **Marine** [BCS09, Bel09, CC23, CPC88, IGG+19, KSE+09, KFM+17, KA94, LPA+11, OLH+18, Pea02, Pra22, SDB+21, Sim81, SPS+99, SAB+22, TCL+15, YW22, dMGS+11b, dMGS+11a, AHP19, AS88, AF10, AGD+18, AH15, AOMZ+23, AHC+13, ALM+23, ADV+18, ALT10, ABP+23, BDP+06, Bak06, BW08, BMO12, BVB88, Blu88, BDE03, BCD+20, CLSP17, CSH+23, CM14a, CSBL+15, CSC+12, CTMV+14, CWS+21, CS89, CE84, CJG88, CRiI+15a, DL69, DLD15, DMF+09, DP13, DAKV99, DTKvH15, EVM+15, FSAO22, FMM+20, FPJ+15, FCG88, FAAV+15, FDH20, FDM+13, GSFP+09, GAF15, Gal17, GPEV20, GKC+14, GGT+15, GHVG19, GPAB+16, GMDS20, HVS10, HGD22, HSG+15, HVTV22, HGB+21, HSH+19, HWL+20, HAP+16, HHW01, HHW22, HAA+14, Hop64, HLS+14b, HM06, HDA+16, HBD+18, IL20, JAS+20, KST+10, KTH+21, KGL22, KiL14, KMB01, KBF+08]. **marine** [Kli10, Kno04, KOT+21, KLC+15, KMSTK23, KKO10, KFH+15, LTJ+15, LK13, LSY+14, Law04, LML+23, LMS10, LAHI10, LDD+22,

LFBR+18, LMT+19, LSS+09, LFG10, LIH+12, LHF+16, LSD+15, LRGV+18, LMP22, MPV12, MDB+20, Man04, MV10, MRBS+24, MFS+07, MSF+07, Mau17, MLL+15, MBH+01, MI21, MLM09, MLHM09, MCG+14, MS15, Mor91, MSB+23, MPN09, MVV+19, NCC+15, Nie07, NBLI20, PL01, PS08, PBO10, PM13, PG10, PHKS01, PPD+12, RLDC+13, RBL+19, RK03a, RCGC+16, RCB+20, RNBP+19, Ric01, RKK+21, RRLS22, RN06, SSB19, SBMB18, SGL+17, SHd13, SN24, SBL+23, SRF+19, SvN04, SOWS17, Sel65, SJJ+03, SMB88, Sie88, SW81, SKGS20, SRM+10, ST65, SPH+15b, SDJ14, SJLW23, SIB+06, SHT+01, TSAM+22, TSH+17, TSJC07, Tur15, VMB+22b, VCM04, Was11, WSS15, WMB+18, WBF+21, WHK23, YSY+19, YZX+23].
**marine** [ZLKO00, dLLdAWL+23, dPCS23, Cia22]. **marine-oil** [BCD+20].
**marine-terminating** [GHVG19]. **marins** [Bou65]. **marker** [KSB+22].
**markers** [NMN08]. **market** [PG10]. **markets** [JTGM10]. **Marko** [SW81].
**marlin** [JOGM+10]. **Marmara** [BSÖ+94, FBS+18]. **marmoratus** [PPPdS20]. **marshallae** [PD15, THP21]. **Martin** [Oll15, WR03]. **Martínez** [RBL+19]. **Marukawa** [Mil88]. **Maryland** [Let87]. **Mascarene** [FMC+15, MFA+15]. **Mass** [AHW99, MHGP06, AdAK+18, EMK+17, HOY+21a, HPZC21, JG07, JVJ+17, KT04, KMU+12, LVGH+15, LvIKB07, LC10, MRMD+97, MLD+03, Mau10, PTM+22, PZA+15, RGC+01, SGMP15, WWW+23, YRKC08, ZPC+16, dWDB+98]. **masses** [ÁSÁB+14, ÁBMÁS14, ÁBMÁS15, CPHR98, Fla02, GIPC+15, GR85, GLAHH+22, GSF+15, Hut95, KKK+04b, LPBM17, MRO+08, MAAS+00, PPVG12, PPKR14, Rea00, RGPB+23, Rud15, SWZS+21, SBG+08, TRY+04, TPTM23, YYT+14].
**massive** [KTW+22, RKM+07]. **match** [LHC+21, ZLX+20].
**match/mismatch** [LHC+21]. **Material** [LBK+01, MBCB88, MWO+12, OE65, ÖÜT93, Tur65, TRMV15, YAI+14].
**materials** [ÁSDB+01, ÁSÁB+14, ÁBMÁS14, ÁBMÁS15, BCF+03, Kit03, OAD22].
**Matter** [CMPNC+22, ASC92, BHHR15, BSW86, BFJ18, BMG+21b, CKP+20, CGM+02, CGC+20, CLG+00, CS89, CE84, DDE+95, DDP+00, DMD+00, DDD+00, DBW+22, DCS+22, FPD+01, FRV+19, GMAMB04, GBM+01, GLAHH+22, GF19, HOY+21a, HSLG11, HOY+21b, HLD+21, IL20, IU14, JZZY24, JW01a, JMG+13, KNSN+09, KLB+21, LBNBM13, LSB+17, LSD+18, LSD+15, LHEB98, LvIKB07, LFBP+13, MPCNC+19, MFDH22, MFY+86, NRA+21, ORW+01, PL87, Par63, PGT+13, PRL+18, PLP99, PBP+99, RFSCF19, SVHM+13, SRF+19, SMN+14, SK18, TPPG10, TvW98, TZP+00, TPM+00, USH15a, VFCC+22, WMC+89, WRS+92, XYGJ23, YTB+21].
**Matthias** [MC08, YRKC08]. **maturation** [Nie07]. **mature** [ATT+08].
**Maud** [Har05a]. **Mauritania** [FRK+09, GEO09, NIF+15]. **Mauritanian** [FPS+09, HNR+17, RF17]. **maxima** [Yu23]. **Maximal** [VWDF14].
**maximize** [SHD+21]. **Maximum** [BBC+22, APP21, BBB+21, DFD23, DYL+15, FPIJ85, LFI+13, MBP+11, PVV23, XHW+20, TAF+22]. **May** [Ano21a, Ano22a, Ano23a, LAP10, dSSDS+20, Ano00b, Ano03d, Ano07r,

Ano14r, Ano15r, Ano16l, Ano17l, Ano20r, Ano22-31, Ano22-32, GCZ+00, MN88, PGRP+18, YJW88]. **MC** [MDGC+12]. **MCS** [Cia22]. **Mean** [ED82, SJM+19, TM13, DML+16, DGMM85, HLK13, HPHW21, KDL+01, Mol22, Owe91, RD03, RG09, SS69, UAM05, VYGMM+17, Zez90]. **meander** [TMN+12]. **meandering** [SSB14]. **meanders** [dSPF+23]. **means** [CPSM20]. **measurable** [Nee85]. **measure** [Szu12]. **measured** [SLM+16]. **measurement** [DPCS87, DDJ+21, HM15, MPMA13, Sac16]. **Measurements** [HHB+22, TJ73, ADS+22, BBL+09, Due77, FTG+11, GRMB18, GA00, HHK+02, JSKM02, KSK21, MXC+21, NBLI20, RCGC+16, RLSF06, RLSF07, SAT+22, SV97, TSG+04, VSA+21, VBAC+21, WZFW16, Web69, Whe06]. **measures** [JBH20]. **Measuring** [MSJ+15, KSY+19]. **mechanics** [GD91]. **Mechanism** [KKNT23, SMFM+21, ZLG17b, CGB+23, LYS+22, STHM02, YYC+18, ZLG17a, ZJZ+21]. **Mechanisms** [BLR+23a, HAH+22, NMC+09, PC87, SvN04, STS+12, THP21, AAMB+24, Bea04, CRS04, CMF15, CS04, DLL+23, DMT15, FBS22, Has06, HLS+14a, JAS+20, MMIB10, NIC+19, NRA17, OMS+15, SGS+23, SD07, TKWI08, VPM+19, VGJ+19, WLD+15, Woo18]. **mechanistic** [BDP+06, BFPS06, BSH+20, SLY+15]. **Med** [NDEG22]. **Med-ROMS** [NDEG22]. **Meddies** [APC13, RBZ00]. **mediate** [ALT10]. **mediated** [DCKB13, GSM+17, MLHE23, MMD+16]. **Mediterranean** [ACB+13, AQVB+10, ACL+18, BBM+14, CLD22, CQZ+18, CCHV+21, CHSB+21, CLG+22, DDE+95, DDDT99, DAU22, Eri65, EMU+23, FTG+18, GBB+20, GGA+16, GGG+18, GGSM+20, HLM+13, JMG+13, KHC+99, KFC+13, KTB+99, LTG85, LSM+22, LRGV+18, LFBP+13, MGC+18, MAFS+22, NDEG22, NCC+15, POS+07, PCD+18, PGT+13, PPSVC+13, RCC+18, SCAA07, SCMAR+99, SVHM+13, SGA+19, STG+18, TCDPP+22, TPP+00, TCL+15, VGM+23, VBAC+21, WYT00, dMGS+11b, APN+15, AR18, ALG+21, AVS23, ABC+99, AUE+14, AIA+18, BPA+21, BTK+99, BFP+18, BRC+18, BZD+21, BNCC15, BS90, BMC05, BSFM+12, BOMdP15, BGM+99, BD19, BFJ18, BGA+21, BFV+17, CCM+13, CDL19, Car98, CGM+02, CPG08, CMF+09, CMF11, CF20, CJRÁ+13, CMPNC+22, CMS+13, CC88, CLG+00, CLA+00, Cia14, Cia22, CD65, CGD+18, Con87, CFML22, CLL+18, CLG+22]. **Mediterranean** [CTR+19, CRC+19, CFC+18, CdMS+18, CBD+24, CAB+99, CJG88, DSV99, DDP+00, DTOD00, DVL+99, DSC+19, DVB+18, DCRR+22, DFM+15, DAKV99, DCL+13b, EMU21, FVA+19, FBR+13, FBD18, FTC+16, FARRL+13, FDHT05, FBS+18, Fuk91, GSPP+20, GGT+15, GPE+17, GTB07, GPP22, GHL15, GFB+15b, GFB+15a, GGA+16, GIPG17, GCD+99, HMTL05, HDM19, HTdM+15, IVR+13, JMZ23, JFEC13, JVJ+17, KSVT00, KKS+18, KQP+17, KCL+12, KMU+12, KEV10, LT06, LRNK99, LGL+18, LSIC12, LDMH09, MMGL+07, MHGGS19, MDB+20, MMIB10, MPCNC+19, MHA+11, MCD+07, MDGC+12, MCGR07, Mil09, Mil14, MMG+11, MMPG07, MVV+19, MEMC05, NGLSSG14, ORMR+19, OACB+15,

ORB+18, ÖÜT93, PBB+20, PGLG+05, PAG+18, Peñ24, PRA+18, PCC+19, PZA+15, PST+15, PKV18, PRL+18, PBP+99, PTI00, PdMS+13, RLDC+13, RGB+17, RDD+18, RTBR+22, RPG+18]. **Mediterranean** [RKM+07, RCF+13, RAE+05, SOS+07, SLBR18, SGL+13, San73, SCPN15, SHd13, SCB+09, SCCJ+18, SGPdM18, SFK+99, ŠVL+15, SCC+19, SCT+00, ST65, TCS15, TPN+18, TR99, TAO05, Tol85b, TCF+18, TZP+00, TPM+00, TVD+99, TIOM16, Tur99, Val99b, VCB+00, VYGMM+17, VKT15, VOT+99, VBA+18, YHM+18, YPVP+22, ZGB+20, Zav99, ZMCD11, ZFSV+09, dMGS+11a, dPAJ07, dlPHF+15]. **medium** [DRE+08, RLGC10]. **medium-resolution** [DRE+08]. **medium-sized** [RLGC10]. **MEDOC** [Kil76]. **Medusae** [RJT84]. **Meeting** [FJhT+14, PBH+10]. **Megabenthic** [GGG+18, MMKS+21, PGGG17, BMNW01, CLMR23, DCRR+22, JLS+22, KOhL+10]. **megabenthos** [BBR+01, CMF+09, TRLA+13]. **Megafauna** [PCC+19, ADV+18, BBMR19, CAO+20, FBD18, LJM+16, LM18, LDB+02, MDR20, SLPA+20]. **Megafaunal** [SLBH+19, Car98, CMHM18, DTC+06, DBJ+15, DBR20, KSVT00, KRHS14]. **megalopae** [PPPdS20]. **Meganyctiphanes** [CNT+19, MPSD15, SIR+07]. **Megrey** [CRiI+15b]. **meiobenthic** [RCF+13, ZMCD11]. **meiobenthos** [RMG90, Sol00]. **Meiofauna** [DDE+95, FMH02, SSKA19, GSV+01, GCLD19, MGA+23, VKGP+13, VKDS+18]. **Meiofaunal** [BD19, CLD22, DTOD00, LT06]. **Mejillones** [VOG+08, VSGC21]. **Melchior** [Bak83]. **melt** [KGB+23]. **meltwater** [HHR+19, KMSTK23]. **members** [DSAB20]. **Membership** [Ano03j]. **membrane** [MRBS+24]. **Memoriam** [Ano04a, CRiI+15b]. **memory** [Ano20u, Bru88, Sie88]. **Mendocino** [Nay65]. **Menorca** [GGA+16, GGG+18, GGSM+20, SGA+19]. **mentor** [CNT03]. **Mercury** [AS20, BMC17, CdMS+18, CBD+24]. **merging** [FHL+24]. **Meriadzek** [MGS90, VK90]. **Meridional** [ARH+00, AB00, Ano17a, BJ17, CF12, HLR17, HGPFN+14, HGT16, KBHML17, MSJ+15, PHCA17, RNP+17, SWT+17, ZSBL00, AdAK+18, APHGC+22, BDBJ01, KF11, LM00, MR06, MFS+16a, MFS+16b, MLS+15, Nof03, Ric08, SFMT12, SFMT14, TBW00]. **meridionally** [CSLJ03]. **MERIS** [CN22]. **Merluccius** [BWMGCB08, FCN+19, FB05, LC12]. **MERMEX** [AIA+18, SGPdM18]. **Meroplankton** [WZBK+21, MTC14]. **Mesima** [CFM+18]. **meso** [CSC+12, Kli10, LLH+20, RÁSG+13, STEB16]. **meso-** [LLH+20]. **meso-scale** [CSC+12, Kli10, RÁSG+13, STEB16]. **Mesopelagic** [OHC+17, Ang84, ATC+19, BOMdP15, BOG20, CLCBB19, DCKB13, Dom84, FCMCÁS19, GBB+20, HLCdP19, KVNT20, MVBC+21, NMN08, PNF+21, Pug84, Roe84b, RB84, RJT84, SMN+13, SLBVRR+22, SLOP+22, ZPC+16, GASV+09, RAB+84, Roe84a]. **mesoplankton** [DZ04]. **Mesoscale** [BAM+09, BF12, CGG08, CBT07, FDHT05, MTH+10, MHCR+12, OP18, RD03, RBS+09, SSS+11, WWZ19, BAARB05, BCR+13, CSS11, CD07, CdD+15, DMBHG10, FELMGM+22, GLY23, GBC+16, KM10, KZD+19, LJM+16, LBSP01, LLS01, MXC+21, MNS+24, MPM+18, MZK+23, MTL05, MEMC05, MJA+07, PM22, PLJR22, RBHLA04, STC10, SI97,

TG05, UBB+23, WLM+13, WR00, XYL+22, XYWY23]. **Mesozooplankton** [GCCY+14, HLGA07, MT99, SM05, TSNO05, WTT14, BFH01, CS03, CLdPHL23, DBC+18, DDK+18, EHG+07, GSVB23, GCC+24, HPS+01, HHY03, INT14, JJA+13, JJA+17, KJZ+12, KST03, KSS+23, KRL+22, NYL+17, RÁSG+13, SBB+22, VAEP24, Ver91, VHK03, VHK04, YMA+17, YLL19]. **meta** [BD19]. **meta-analysis** [BD19]. **metabarcodes** [CBL+19]. **Metabolic** [RS10, CBPS+22, XHW+20]. **Metabolism** [GTB07, ABT+04, GMDD+22b, GMDD+22a, HLCdP19, JTQ+18]. **Metabolites** [Blu88]. **metabolomics** [LSD+15]. **Metal** [TRMV15, CS89, CGD+18, MDL+12, PCD+18]. **metals** [aHFS92, JP90, KIS+05, TCDPP+23]. **metamodel** [Woo05]. **metamorphosis** [RNBP+19]. **metaproteomics** [XHW+20]. **Metazoan** [Sol00, HG04]. **metazooplankton** [CTP+18, KSY+19]. **Meteoric** [WCC+20]. **meteorites** [HF65]. **meteorological** [EMU+23, MFM85, SSVP00]. **meter** [KMOM88, UCB+18]. **meters** [NH88b]. **Methane** [FLDF22, BCP09, FTSF21, WLM+13, dlPHF+15]. **methanotrophic** [MCB+90]. **Method** [GAM98a, BBMR19, MCMT+17, VSPP14]. **methodological** [CP10]. **methodologies** [BEI+20, KSY+19, Mol04]. **Methodology** [RLSF06, RLSF07, HRA00]. **Methods** [LTJ+15, Man04, BCF+03, BIL03, Ben85, BPGD+14, BCG+08, FVA+19, JAS+20, Sei63, WPA+24, WZBK+21]. **methylene** [KO19]. **methylene-interrupted** [KO19]. **methylmercury** [KHBA+24]. **metrics** [FMC+20, GSFP+09]. **Metridia** [HL05]. **Mexican** [Lav09]. **Mexico** [LM10, AJHC19, BGM+10, Dur09, HKL+15, Ham09, HMS+22, LKDL14, MKSW+15, ON05, ORPRGIS22, OHH+22, PBBH+22, RLP+18, RANS65, RASVB+22, SRFHDH22, UPPS+21, VDGGD+22, WDMMK89, WD94, FGGDF+04]. **MHW** [Cia22]. **MHWs** [HZD+23]. **Michael** [CNT03]. **Micro** [AIHB+07, AMG+16, Moh15, TLM+17, AMEV07, BTS+15b, CHC+12, DDP+00, YLL19]. **Micro-** [AIHB+07, Moh15, BTS+15b, YLL19]. **micro-nutrient** [CHC+12]. **micro-particulate** [DDP+00]. **Micro-phytoplankton** [AMG+16, TLM+17]. **micro-planktonic** [AMEV07]. **microalgae** [Bon88, DLD+19, LCB18]. **microalgal** [YNTS22]. **microbes** [NRA+21, RCC+18]. **Microbial** [BTG+03, CJ92, FBR+13, GDM+20, MZF+08, VGM+23, VDP+01, VDDA+08, CDS90, DAU22, FBT+22, HSK+19, HMPZ11, KBC+22, LRW+15, LSD+15, MVN+15, MA12, NYL+17, PVG+20, ŠGM+18, SPH+15b, TR99, XYGJ23, XHW+20, XLL+20, dJSL+20]. **microbiology** [SMB88]. **microcephalus** [ON22]. **microcosms** [SvN04]. **Microeukaryotes** [LZF+24]. **microlayer** [Har82, SRG+19]. **microlayers** [CEF+13]. **Micromesistius** [MAFS+22]. **Micronekton** [ATC+19, PBS22, AGL+15, CDL+22, GBB+20, RDG+21, RSW+23, SFS+12]. **micronektonic** [BCLD+17, NHH+23]. **micronutrient** [GHG+24]. **Microorganisms** [Mae88, PCD+18, PAPL15, PPY87, SLG+12, SK91]. **microphytoplankton** [CCW+18, HLD+21, IPG+16]. **Microplankton**

[LWBD+17, FPS+09, GGQ07, GMAB07, PD15, WYT00]. **microplastics** [STG+18]. **microscopy** [LSM+22, LGL+18, PKA19]. **Microsetella** [KSKN21]. **Microstructure** [RLSF06, VBAC+21, RLSF07]. **Microzooplankton** [HPS+01, SDL+19, BFH01, CMC+16, FB01, LMS93, LHP+05, MY23, SSH+05, ZBY+22]. **Mid** [SBK+95, WLM+22, LMS10, Lie88, LS85, MHS+20a, MHS+20b, MBB+96, PS23, PHC+19, RGMPR23, SLPA+20, CSM+15, CB06, KVLA06, SF85, VMB+22a, ZAC+23]. **Mid-1980s** [SBK+95, MBB+96]. **Mid-Atlantic** [CSM+15, CB06, KVLA06, SF85, VMB+22a, ZAC+23]. **mid-east** [Lie88]. **mid-eastern** [SLPA+20]. **mid-latitude** [MHS+20a, MHS+20b, RGMPR23]. **mid-ocean** [LS85]. **mid-oceanic** [PS23]. **mid-shelf** [PHC+19]. **mid-trophic** [LMS10]. **Middle** [BHPC06, AF10, PVG+20]. **middle-out** [AF10]. **midnight** [PNF+21]. **Midwater** [BM76, BLI+99, HPC+20, HSL96, RBL90]. **might** [BW08]. **Migrant** [AGL+15]. **migrating** [KST03]. **migration** [ASC07, Ant09, AHRT90, BEP02, CDL+22, EBM+21, FGR+06, FFT+18, GA10, GBB+20, GiIKX22, HGD22, KAK+22a, LRJ+15, MPM+18, OACA20, OAWAN18, PHKS01, RS10, SK17, UCB+18, UPPS+21, VBVYT05, YKNO23, ZGB+20, dPGSHL23]. **migrations** [ACB+13, Ang84, Dom84, DAIS10, Pug84, RAB+84, Roe84a, Roe84b, RB84, RJT84, VLCCP14]. **migratory** [GHC+17, JOGM+10, SLBVRR+22, Sma10b]. **mikimotoi** [BTS+15a]. **millenium** [RSB+01]. **millennial** [KYS+17]. **millennium** [PAB+21]. **Min** [XLL+20]. **Mineralization** [ÁSÁB+14, ÁBMÁS14, MBCB88, LTSG13, TvG02, ÁBMÁS15]. **Mineralogical** [IPHW+23]. **minerals** [ORR+02]. **Minho** [DGGdR02, MSd+16]. **mini** [CVHM+18]. **mini-mounds** [CVHM+18]. **miniatuarisation** [PKA19]. **miniature** [BGM+99]. **minicosm** [LGG18]. **Minima** [SAM+10, Yu23]. **Minimum** [Ant09, DLD+19, GEO09, GLV12, HFW+98, KSV08, LGR+02, LQU07, MYH+22, PRP09, RS10, SGR+22, VSGC21, VJJ+22, WGG+08, dB94]. **mining** [JSLA+21, WFS+15]. **minke** [FGL+23]. **minus** [MJWK07]. **Mio** [GWGR+19]. **Mio-Pliocene** [GWGR+19]. **Miocene** [BW65]. **Miquelon** [BMG+21b]. **Mismatch** [DLD+19, LHC+21, MMD+16, SIB+06, WBF+21]. **mismatched** [AHC+13]. **mismatching** [AHW+15]. **missing** [KVNT20, VBA+18]. **mission** [DDJ+21]. **mix** [Bak01]. **mixed** [ATS01, Ano94c, BMK12, DHC+20, HTdM+15, LYS+22, MKM93, NF06, PFW15, YTNK00]. **mixed-layer** [Ano94c, MKM93]. **mixing** [AUE+14, BIST01, BH07, BCG+08, GvOS+08, GWS+23, HGH+19, HHP06, HLFL23, KY23, Kil76, LFI+13, LCZ+24, MMGL+07, Mar03, MWJ+08, MTK+22, NTU+14, NNM+21, OJB99, ÖÜT93, PTM+22, PIS13, PSGVS+14, PCBA+20, RBF+09, RCSA01, RPPM+23, SÖÜ94b, TYO+14, Tom81a, Tom81b, VMC+19, VBAC+21, WSH+22, XWL+22, XD95, XD96, YYT+14, ZLG17a, ZLG17b, vRGW10]. **mixoplankton** [LBP+21]. **mixotrophic** [Sie88]. **mixotrophic-cometabolism** [Sie88]. **mixotrophy**

[FEGA+14, GLF+17]. **mixture** [AdAK+18, SBFP21]. **mm** [Ang79a, Hof81]. **mobile** [Bak01, FBD18, HF10]. **mobility** [HHK+02]. **MOCI** [STGR+14]. **MOCNESS** [JF13]. **modal** [Dav85]. **Mode** [Kat18, ZHD+20, HM08, SW22, SASH08, vFB82]. **Model** [CCH+12, FPJ+15, KFM15, RSG06, TSJ+12, ABM+05, AKAL20, AGS10, AHC+13, BDP+06, BFPS06, BBC+22, BRB+01, BAARB05, BMGN15, BMB+16, BMC05, BDBJ01, BSH+20, BMG+21a, BLT+08, BCL+09, CDH+13, CMS+13, CLB+14, CHC+12, CJMI+91, Dav85, DJ92, DRE+08, DSBP15, DPF+20, DEW+97, FDHT05, FRCH15, FFA06, FACM+23, Fuk91, GKC+14, GLF+17, Gir15, GWS+23, GBH+20, GiIKX22, Has82, Hea12, HLS+14a, HSC09, HHH+12, HSH97, HMH07, HLFL23, HPW10, iIYO+10, Kag97, KKK04a, KHL12, KDL+01, KLP+17, KDF97, LCBN14, LBC+23, LL97, LSM08, LMS10, LC22, LFG10, LLX+21, LO85, MMGL+07, MHGGS19, MR06, MFS+07, MY92, MKHO96, MFS+16a, MFS+16b, MRW+14, Mor91, MSB+23, MVV+19, MEMC05, MST+23b, NDEG22, NGLL+22, OWH14, PVC+08, PCSMC12, PMC16, PM22, PDAM+15, PGS+22, PVA24, PST+15, PBN13, Pre86, PPD+12, RWD01]. **model** [RFC+15, RG94, RBS+09, SBMB18, Sak86, SGLF+13, SGWF+19, SGMVF14, SKWWGV18, SPSV+20, SS17, SBFP21, SZG06, SBLA10, SO91, SCLS10, SHC+06, SHC+07, SRM+10, Ste12, Ste91, SDJ14, SOA+23, Suk88, SMP07, TGJT09, TS10, TAH+11, VVV21, VMH+21, VMN08, VBM21, WCB20a, WSL20, WSO+13, WSS15, WLM+22, WPB05, WJPHB15, WWSJ07, XYL+22, XRC+15, XY21, YJS86, YWUK15, YFY05, YLY+14, ZCD08, ZCH+17, dJSL+20, vFB82, Mau10]. **model-based** [CHC+12, PCSMC12, SOA+23]. **model-data** [HHH+12]. **modeled** [REG+15, ZLZ+17]. **Modeling** [DPGC14, FY88, FUOG+16, JX18, KM08, LSM08, LPF+18, MFS+07, MSF+07, MAB+11c, MAB+11a, MAB+11b, PG13, RDD+18, SMPC+12, TMÁGC+21, VMH+21, ZMW+23, AUE+14, BFP+18, BRR+12, BhTW10, Bre82, BCG+08, CBB+19, CSBL+15, CLX+20, CNBD21, CRiI+15a, DFC+21, DGH+20, FPJ+15, FFA06, FTG+11, GRS08, JAC+12, KSK+15, LL21, LGD+20, MPM+18, MPB+23, PKP14, RCÁS+15, RKC+10, SJA+23, TTB+08a, TTB+08b, VPS09, WH89, YCP+12, ZDG+21, ZHF+24, GAF15]. **Modelling** [BECA22, BS02, BTJ+17, Den03, DFM+15, DTKvH15, EAB+23, Fly03, GGJ+10, Ham90, HF10, LWY07, MMIB10, OH94, Peñ03a, PWZ+16, RTBR+22, SVL+23, SE16, SW01, TTMM+17, WBH15, APN+15, AK97, BFPS06, BMM97, BMG+19, CFM+18, CPHR98, CAA+07, CAB+18, CTA16, CTMV+14, CKL+14, DLL+23, Den87, EALF08, FRK+09, FVLC+23, Fly10, Fro93, FK99, FPS+13, GCP08, GAPM16, GMDS20, HPS+01, HM15, HT97, HLP+16, HAA+14, ILI+12, Leh01, LAHI10, LWL87, MRM+14, MPMA13, MR03, PBB+20, PRC+20, PPPdS20, SCPN15, SCHD23, SVIA14, SLY+15, TLH+15, THM+14, TGR05, VAEP24, VHK03, VHK04, WCB+20b, Yux88, dlGFM+23]. **Models** [DXH+02, KPSA17, AF10, AM10, Arb22, APHGC+22, BBE+15, BDP+06, BPA+21, BEP02, BMB+16, BBM+14, BB10, CP10, DHC+20, ECFT20, FCEZ10, Gir15, GBT+19, GAS+22, GL23, HVS10,

HMRA+03, HGB+21, HHDS02, Hof10, HLSX22, JB15, KKO10, LI10, LMS10, LAGM+23, LIH+12, LPF23, LM97, MMG+13, MV10, MD10, MR03, MPC12, MCH+12, NBHM01, OWH14, ORVES17, PRC+20, PTF10, PYKF15, PPdS21, RRLS22, SSL08, STM10, SBLA10, SA97, SHG12, SAB+22, TR99, TSL10, TMR+21, TSJC07, WFJ+15, WLM+22, WBB+01, XD95]. **modern** [GSPP+20, NF87, PRP09, WMWR08]. **modes** [DAF+22a, DAF+22b, Hut87, LG22, OAM00, RFFL21]. **modestus** [BB65]. **modification** [DJW+18]. **modified** [Iwa23]. **MODIS** [LHE+13, SNS+22, WM13]. **MODIS-Aqua** [WM13]. **Modular** [ZNR+24, BFPS06]. **modulate** [TDL+17]. **modulated** [CZW+22, MH14]. **modulates** [BAM+09, CTI+19, WLL+23]. **modulating** [HYM+12, JJL+19, TSAM+22]. **Modulation** [ABS+20, ZLC+15, CSW96, KZD+19, MM99, RCSA01, RR01, VTGC19, Wu13]. **Molecular** [HCV+20, LAGM+23, JZZY24, KHJ+10, LCB18, WPA+24]. **molecular-scale** [LCB18]. **molecules** [SGL+17]. **Mollusca** [BHB+19, RVC+13]. **mollusks** [CES+19, Kam19]. **Molokai** [SM65]. **molt** [Joh04]. **molting** [YHRT22]. **momentum** [CR97]. **Monica** [CJ92, Hic92, LPA92, SE92, VK92, WRS+92, WJE+92, Gor92]. **monitor** [RKK+21]. **Monitoring** [DPH+18, BHLU+07, CAO+20, CDB+24, DPR+18, EGP+18, FC05, GFB+15b, GFB+15a, HWB+18, JLS+22, KNS+03, Man69, MBdM+18, MHA+11, Reb02, TFY02, VMB+22a, WPH+10]. **Monod** [Fly10]. **monodon** [GRB+08, YCP+12]. **Monsoon** [Sch83, WHBK05, ABS+20, CBM+21, DL17, HFW+98, LWBD+17, MJA+07, PVV23, RGE22, RVS+21, SM01, SVU02, gWjNfLyD20, JJA+17]. **Monsoon-driven** [WHBK05, CBM+21]. **Monterey** [Bre06, BhTW10, HCC02, MCG+02]. **monthly** [GAM98a, GAM98b, OÁT+05, SS69, VGLCS06]. **Moon** [Kag97]. **Moored** [Kvi69, BBL+09, CNSHT15, LPS+19, MZZ+23]. **mooring** [HFO+22, HHZ+22, LPF+20, PTZ+23, SSM+18, Woo18, YHZ+22]. **moorings** [KMOM88, LS20]. **morhua** [AHP19, FKH+13, LSY+14, LNB13, SLY+15]. **Moroccan** [ST65]. **morpho** [CFM+18]. **morpho-stratigraphic** [CFM+18]. **Morphological** [GA01, KBE+22, FTC+16, GBG05, RK20, Zez90]. **morphology** [Nie07, RGPB+23, SW92, USH15a, Sma10a]. **mortality** [GHVG19, KSKN21, LSY+14, MRM+14, MPD+22, TS10]. **Morus** [SWP+13a]. **MOSSFA** [BCD+20]. **Motility** [Sma10b]. **motion** [GCD97, UGY+22]. **motionally** [Szu12]. **motionally-induced** [Szu12]. **motions** [Ham87, SSL07]. **motorway** [CMS+13]. **Mound** [CLG+22]. **mounds** [CVHM+18, vHMDL14]. **mouth** [Ken88]. **movement** [DXH+02, PGS+22, WSS15]. **Movements** [BMC+10, BGM+10, BHPC06, Par86, SKH+23, WLKM10, YSS14]. **Moving** [BMGN15, KKK04a]. **moving-boundary** [KKK04a]. **Mozambique** [KM10]. **much** [GCCY+14, NGLSSG14, Nof00]. **mucilage** [KS15]. **mucronata** [RBPGJ+20]. **Mud** [JJA+17, ZMCD11, LCJ+07]. **muddled** [KV18].

**Muggiaea** [BLCL14]. **Mullin** [CNT03]. **Multi** [AK97, ALM+23, HHH+12, KC02, LYM12, MVC+11, SLPA+20, BDB+04, BRR+12, CSS+21, Fly03, GRDS10, KSB+22, LSB+17, LSD+18, ROBRB+22, RF17, iSIS02, SSW+09, Tom81b, VVV21, WCX+21, WZC20, ZSW+22]. **Multi-decadal** [HHH+12, LYM12, CSS+21]. **multi-fleet** [GRDS10]. **multi-layer** [ZSW+22]. **multi-model** [VVV21]. **multi-nutrient** [Fly03]. **multi-parameter** [Tom81b]. **Multi-platform** [KC02, WZC20]. **Multi-satellite** [AK97]. **Multi-scale** [SLPA+20, WCX+21]. **Multi-sensor** [MVC+11, BRR+12, iSIS02]. **multi-systems** [LSB+17, LSD+18]. **Multi-taxa** [ALM+23]. **multi-trophic** [KSB+22, SSW+09]. **multi-use** [ROBRB+22]. **multi-year** [BDB+04, RF17]. **multicontaminated** [CGD+18]. **Multidecadal** [BGMP03, KYS+17, XYK+22, YS15]. **Multidecadal-scale** [BGMP03]. **multidimensional** [RGB+17]. **Multidisciplinary** [PV18, DVL+99]. **multifleet** [HSC09]. **multifrequency** [BOG20, ON22]. **multiparameter** [ÁBMÁS14, ÁBMÁS15]. **Multiple** [Kno04, LFCSV+13, BRR+22, BGB+08, CBB+22b, DIM09, FSVL10, GCP08, KWI20, ORVES17, ZCV+19]. **multiple-inertial** [KWI20]. **multiple-scale** [DIM09]. **multiscale** [DDJ+21, LM18, Zav99]. **multispecies** [HSC09, TMR+21]. **Multivariate** [PTG95, STGR+14, Dom84, PJH+15, RGB+17, YPGE+10]. **multiyear** [Lav09, PFW15]. **munida** [GRB+08, ACK+13, CSMGS19]. **Munidopsidae** [Mar20]. **Munidopsis** [Mar20]. **Munnopsidae** [MB20]. **murphyi** [BHH+16]. **mussel** [VMB+22a]. **mussels** [MCB+90]. **mutabilis** [RMB+01, WDK+01]. **Myctophidae** [EBM+21]. **myctophids** [BM76, SCS+18]. **mykiss** [WBF+21]. **Myriotrochidae** [MMK19]. **Mysids** [Roe84a, VDGGD+22]. **mystery** [LVGH+15].

**N** [AAM+14, BPP+98, CBB+02, HM98, RKFD07, WBH15, BC19, Ang79b, BM76, BHC+18, BDBJ01, CBB+02, CGC+20, CSC+12, CFG07, CF12, CMF15, DVB+18, FC07, FMSBW13, GMAGH+17, GBC+00, GLS08, JJA+08, MSJ+15, MM80, OMK+22, PHK+17, SKH+23, SAA+15, WNNI21, WRS+92, ZCD08, vWHdS+98, SWT+17]. **N-50**$^{o}$ [CBB+02]. **N.E.** [CLG+00, FC05]. **N.W** [vWHdS+98]. **N.W.** [BHE+98, BPP+98, FLdST98, HM98, LDB+02, LHEB98, OB98, PS98, TvW98, dWDB+98]. **Name** [Ano63b, Ano64c]. **Namibian** [BCP09]. **nannofossil** [Gal17]. **nannoniscid** [JGB20]. **nano** [AMEV07, BAM+09, BTS+15b, CCW+18, DDP+00]. **nano-** [AMEV07, BAM+09, CCW+18, DDP+00]. **nano-phytoplankton** [BTS+15b]. **nanophytoplankton** [LGL+18]. **Nanoplankton** [TB15, FEGA+14]. **Nanoplanktonic** [BM07]. **nanotechnologies** [Moh15]. **NANSEN** [vAB96, EFC+23, JMSB+23, SBK+95]. **Nargis** [MMR+12]. **natal** [BCL+09]. **National** [VDGGD+22]. **Natural** [Iwa23, MKSW+15, Tit20, BM01, BhTW10, LSW+21, RLDC+13, RPG+18, RLSF06, RLSF07]. **naturally** [TCDPP+23]. **Nature** [KAH+16, HMWM00, LPF+21, LPBM17, MJ88, MB01, Pra97, SRAV19, TJ90].

**naupliar** [IMHL07]. **Navigating** [Bak06]. **Nazaré** [EvdZSH02]. **Nd** [GSPP+20, YAI+14]. **neap** [Car97a, JS90, TDL+17]. **neap-spring** [JS90, TDL+17]. **Near** [DSC+21, HHK+02, KWI20, Lie88, PTM+22, SSL07, VK90, BDBJ01, Bri83, CHSB+21, DXH+02, DW02, FWL+15, GL06, Hut81, ICB+19, LW85, LZL+22, LCZ+24, LS12, PS23, Pra91, RDL+91, RCSA01, Tho77, TBW00, TDL+17, VSC01, WAH+20, WLCG23, XWL+22, YMI88, YMK+04, ZQWP23, vHVAT22]. **Near-bed** [HHK+02, DXH+02, WAH+20]. **Near-bottom** [VK90, VSC01, XWL+22, YMK+04]. **Near-inertial** [KWI20, Lie88, PTM+22, SSL07, LZL+22, LCZ+24, WLCG23]. **near-seafloor** [TDL+17]. **near-shore** [Pra91]. **Near-surface** [DSC+21, Bri83, GL06, ICB+19, TBW00]. **near-uniform** [FWL+15]. **nearby** [ORMR+19, WLP+21]. **nearly** [RPRCAG+21]. **Nearshore** [SOWS17, BEP02, BSA06, DWC06, GLH13, aHFS92, PAM+88, RL23, Sei63, ZCV+19]. **necrophagous** [Thu90]. **Need** [ALV+21, RAB+11]. **needs** [KA94]. **negative** [KWI20, KV13, KSK21]. **negentropy** [DFD23]. **neighboring** [KSS+23, YNMY23]. **nekton** [BMN+99, INI+17, Pea02]. **Nematode** [LdSH+15, FSVL10, HVTV22, IVR+13, MSFZ19, RLR+18, UAM05]. **nematodes** [GVKD+13]. **Nemerteans** [CP19]. **NEMURO** [iIYO+10]. **Neocalanus** [MFB+84, CSK+12, DOS+18, FMT15, Gif93, Kli10, LGK+93, MFB+84, Mil88]. **neodymium** [DDCE+23]. **Neoglacial** [KiL14]. **neon** [IIS+17]. **Nepheloid** [OVR+02, CLG+00, DL17, GRMB18, HLS+14b, PdMS+13]. **nephelometer** [GRMB18]. **nepholometer** [VK90]. **Nephrops** [LML+23]. **Neptunism** [AB65]. **NESSAS** [Dri11]. **nested** [BAARB05, CGZ+16, SZG06]. **nested-grid** [SZG06]. **Net** [BKD+20, Whe93, BCOL+19, CKT+13, JTQ+18, MST+23b, OKdA+19, SMP+22a, SWP+13b, TBS+19, VEM+21, WB03, dlGFM+23]. **nets** [JF13]. **network** [AHC+13, CGS23, HMRB+03, KLC+15, LPF23, MGC+18, MDR20, RZTD17, YPGE+10]. **networks** [KM22, TMKJ+09]. **neural** [HMRB+03, KM22, LPF23, YPGE+10]. **Neutral** [McD88, MJ88, SBC+16]. **Neutral-surface** [McD88]. **Newfoundland** [HMP+13, CGV13b, DM13, HBL+13, LNB13, PCM11]. **Newfoundland/Labrador** [CGV13b]. **newly** [GKS+13, LPW+23]. **newly-discovered** [GKS+13]. **newmani** [HLPL05, LPHL+05a, PLHLF05]. **Newport** [HWS+07]. **Niche** [BGA+21, PMH17, BMG13, DFM+15, DFH+16, EBM+20, GVBV+21, KBE+22, LAGM+23, NHE+13, RPRCAG+21, TMÁGC+21, WLP+21]. **niche-environment** [KBE+22]. **niches** [GRB+08, HLD+21, SBC+16, XWL+18, ZLX+20]. **night** [BRD+15]. **Nile** [CMF11, Ore69]. **Niña** [ABP15, BCM+02, FWBC02, HCC02, LJPGC02, LCGH07, LB02, MCG+02, PK02, PKF02, RKS01, SMdG02, TTB+08a, WW02, WDMC02]. **Nino** [Pea02, FWBC02, LB02, PK02, PKF02, ACN01, ABP15, BWMGCB08, BCM+02, CBB+02, CCW+02, CSW96, CPC+02, CCHM02, CCMS08,

CCA+02, CPNL07, CW02, DW02, FGGDF+04, GR17, GdRGL+01, HLK13, HMB+86, HCC02, HSF02, Kos02, KC02, LJPGC02, LBH+87, LGR+02, LO21, LCGH07, LPF+18, LPARF+20, MG02, MCG+02, MBH+01, NFMCS+22, PBBH+22, SMdG02, SPB+02, SJ02b, SJ02a, STR01, SKT01, TTB+08a, WW02, WLM07, WDMC02, YYK+12]. **Niño/La** [PKF02]. **Niños** [SHF01]. **Nitrate** [CKT+13, CCH+12, GGPG+19, LCR+93, RCSHW22, WCX+21, Whe93]. **nitrite** [MBP+11]. **Nitrogen** [BGS+04, WP91, WDMMK89, WFBN+13, BHE+98, BNC05, BAOC+07, DHDM22, FUOG+16, FFA09, HW02, HOY+21b, Kli10, KSS+23, KAAK+16, LFBR+18, MBP+11, MRAP22, NHH+23, PKV18, PLN+23, RDD+18, SIS+14, TFM03, VKGP+13, WMC+89, WNNI21, Whe93]. **nitrogenous** [KNI+05]. **Nitrous** [dlPHF+15]. **nitzschia** [PTPY+23, VSPP14]. **NL** [CLMR23]. **No** [IL20, ROBRB+22]. **no-take** [ROBRB+22]. **NOAH** [NF87]. **nocturnal** [LSIB23]. **nodule** [BJMP19, BJMP20]. **nodules** [Hey78, VCM04]. **NOI** [SMG02]. **noise** [Pie01, RFS10]. **noltei** [AR18]. **Non** [FCMCÁS19, GSC+20, MHGGS19, Ang79a, CPNL07, FVA+19, LPF+18, McD81a, MMF+12, PSM+22, PCR+22, RWD01, RGC+01, SL13, TMN+12, Tom81b, TIOM16, WLP+21]. **Non-carnivorous** [GSC+20]. **non-El** [CPNL07, LPF+18]. **non-indigenous** [SL13]. **non-invasive** [FVA+19]. **non-isopycnal** [Tom81b]. **non-large-meander** [TMN+12]. **non-linear** [McD81a]. **non-local** [PSM+22]. **non-normal** [TIOM16]. **Non-Redfieldian** [MHGGS19, FCMCÁS19]. **non-Russian** [Ang79a]. **non-stationary** [PCR+22]. **non-steady-state** [RWD01, RGC+01]. **non-upwelling** [MMF+12]. **non-vent** [WLP+21]. **Nonlinear** [Bre06, CSS11, GXX+22, GLPC23, Li14, McD81b, vHMDL14]. **NORCAN** [DP13]. **Nordic** [HØ00, AHSS22, BLP+20, BGV+23, FWL+15, HØH+03, JJA+08, MRO+08, MM01, NBHM01, SH09, SAH+21, YS15]. **normal** [LWBD+17, TIOM16]. **North** [ALT10, BLAM00, BBM+14, BMC+10, CSC+12, DGMM85, DMML88, FGSA97, GLF+17, GSF+15, GLLB22, HBL+13, HMP+13, HCV+20, LZCZ05, MHS+20a, PGC+96, SIR+07, Sei63, Tom81a, AAMB+24, BFH01, BAOM+12, CGC+20, GL06, GdRGC+14, HPB+09, HFO90, LG22, LSIC12, MNS+24, MTC12, PLK14, RBR+23, RWOA01, STC10, SAA+15, SVU02, SKCP23, WDC+11, ZGB+20, vAB96, ABD+17, AHP19, APC+12, Ang84, ABSDC07, AFH+11, ALM+23, BM76, BRB+01, BZD+21, BDTC15, BGMP03, Bea04, BLHB07, BLAM98, BGM+99, BBL+18, BDBJ01, BHLU+07, BMG+21a, BMN+99, BKB85, CRGA17, CPG+18, CMJPH+18, CBB+02, CBB+22c, CCHM02, CAT+08, CSK+12, CHSB+21, CF07, DHC+20, DN07, DML+16, DL69, DLM+96, Dom84, DLC+08, Dri06, DK07, ECGP01, ED82, FCMCÁS19, dCFK17, FKZ+15, FvBA+17, FMP19, FJH10, FW91, FMW91, GHF+21, GMDD+22b, GTB07]. **North** [GKR20, GdRGL+01, GPC+03, GC09, GLS08, HSS+12, HPC+20, HVRR15, HØ00, HM00a, HMWM00, HFNG00, HDZY15, HRSM08, Hea12, HBR11, HMPZ11, HKPV12, HGBG20,

His22, HAA+14, HHSR07, HHP10, HBH+17, HMH07, HPNDC15, HMA18, HWS+07, IIS+17, IHT+21, IMM+22, iIRM+15, IU14, JAS+20, JST+24, JJS03, KRL08, KST+10, Kat18, KKNT23, KY15, KDL+01, KJH+22, Kos93, KAH+16, KDB95, KFM15, KTW+22, KYS+17, LS20, LYM12, LBSP01, LLH+21, LG23, LSMG01, LM14, LGZL22, LOC95, LBF+22, MMG+13, MRM+14, MHS+20b, Man04, MEMP15, MMF+17, MHR+10, McC92, MS17, MSI17, MRH+14, MBF+14, MS00, MM99, Min00, Min02, MTK+22, Mol04, Mol22, MR03, MNFY21, MW96, NEI+22, NHH+23, NCH+07, NJCD01, NMO+21, NGNV12, NRA17, OTNI20, Ola65b, OOTA15, ORMR+19, OMS+15, OAD22, OAM00, ORMB08, PMG15, PVC+08, PL01, PBB+12a]. **North** [PDV12, PBB+12b, PMDR06, PJH+15, Pie01, Pug84, Qiu15, RWD01, RSB+01, RM93, Rei94, RCD+94, Ric85, Ric93, RDC+21, RAB+84, Roe84a, Roe84b, RB84, RJT84, RM89, RHM+19, SGL+18, SCLG+11, SVHM+13, SHK+14, STPHM+23, SAM+04, SBH+14, Sek99, Sme93, SLGI+21, SIS+14, SBD01, SJD10, STR01, SKH00, SASH08, SKT01, SD07, TOKLC08, TŠT+17, Tom81a, THM+06, THM+14, TRMV15, UKM+14, UBB+23, UB10, VBL+21, VHV+12, VFS+15, VR03, WLD+15, WHS17, WFD+07, WSO+13, WO85, WNNI21, WFBN+13, WBB+01, WJPHB15, WZ04, WWSJ07, Wu13, WG82, YYT+14, YMA+17, YTB+21, Yas07a, YSD15, YAK+08, YBPS08, YYK+12, YFY05, YSN20, YMK+04, ZLZ+17, ZBLF23, vAB96]. **North-East** [ALT10, CSC+12, CPG+18, PMG15, ABSDC07]. **north-eastern** [HPB+09, vAB96]. **north-west** [RWOA01, GKR20, Tom81a]. **north-western** [AAMB+24, LSIC12, MTC12, ZGB+20, SGL+18, SAM+04]. **Northeast** [FKH+13, HHW22, KFM+17, VSC01, AGL+15, BP02, BKD+20, CZG+21, CGS23, CR20, DCKB13, DMBB02, DAKV99, KJZ+12, KT04, KRHS14, LFG10, PFHM16, PB07, PP85, RTN90, SMdG02, SMG02, SJ02a, Thu90, dPCS23, ARG11, BMNW01, BSH+20, CTKF+23, CPHR98, CBOP15, DBC+18, DSC+21, DP13, FMSBW13, HBD+21, Has06, Hau18, HHW01, JSdSS+21, JLB+08, KYT+16, KSR+01, KRL+22, LBK+01, LMP22, MBT07, MMMWZ23, MFB+84, MHCS+23, NXT+17, RGC+01, Rea00, RSK+23, RFKC16, RGM01, SLOP+22, SBFP21, SLY+15, SBE+20, TWBC+13, Tit20, WHBW03, WDK+01, WXH07, XNT+17]. **Northeastern** [GD85, BDG+17, HLM+16, PCD+18, SDP+22, VKJ+23, WLP+21, JG07, SSVP00, VPW01]. **northeastward** [FZ88]. **Northern** [DMF+09, FAAV+15, Mar20, MBD+09, WO85, ABE+15, AOMZ+23, AJV+02, ABP15, BLT+08, CIL+23, CWZ+20, CSM+15, CSMGS19, CVBG21, CBGC+08, CCM+14, CCH+12, CBT07, CS04, DCD+23, DML+16, DBR03, DWNN04, DJG+02, DSR21, DFC+21, EFC+23, EBvdL+09, FJA+21, FUOG+16, FMC+20, FVLC+23, GIHJ23, GC14, HBV+10, HSC09, HW02, HOY+21a, HPZC21, HMH07, HHZ+22, HSF02, IHY+01, JCM+21, JMSB+23, Kli10, KLP+17, Kos02, KS15, LDAM+07, LBP15, McC92, MZZ+23, MMD+16, MFM15, NEI+22, ON05, OVR+02, PS23, PK02, PBS22, PCH08a, PVA24, PST+15, PCH+08b, QLW10, RCS+11, RGE22, RDC+21, RB20, SE16, SSTL16, SR15, SPB19, SD07, SYN+21, TVT+23, TMÁGC+21, VOG+08, VBM21, VKJ+23,

VOJD02a, VOJD02b, WD94, WST+21, WHS+23, WL16, WZC20, XLX+20, YBS+01, YPGE+10, YGC+21, YHZ+22, ZHD+20, ZDG+21, ASFB+13].
**Northern** [BH85, BPSN+21, CBB+19, CBB+22b, CRT+22, DMML88, DLJ+21, FWO15, FFA06, GCED22, GCFS06, HMRB+03, HWF+21, JBB+14, MPC+17, OBD+20, PL09, RBE+12, SMG02, TTB+08a, TTB+08b].
**Northern-Boundary** [WO85]. **Northward** [KAK+22a, Nof03, SE08, SE09].
**northwest** [AS20, HHK+22, HWLT10, HHH+12, HG04, LPARF+20, MMIB10, MCGR07, MM80, Mit91, SHS+05, TLH+15, TLP+16, YJS86, BIST01, BHB+19, BAB+19, BHMS09, CGV13a, DP13, GM19, JS21, JM19, JLRB20, JCIG18, Kam19, KKS+19, KHP+18, LFC+15, MH02, Mit83, NB87, OMK+22, ORR+02, QPR03, SPK+22, VNMS91, WMB+21, WAH+20].
**northwestern**
[ANH21, AJHC19, BRG+23, BGA+21, Car98, CLL+18, CBD+24, DZ04, FVA+19, FEGA+14, FMWW14, GCC+24, GIPG17, KCL+12, KiL14, KMS+24, LYZ16, lLdZQ+22, LSMG01, Mar20, MGA+23, MZZ+23, MMG+11, OT19, OACB+15, Owe91, PGLG+05, PAG+18, RLP+18, SGL+13, SHP+23, San73, SM21, SvWRvB02, SCC14, STS+12, WCS+23, ZZPL18, dlGFM+23, CGM+02, CNBD21, CFC+18, CdMS+18, HLM+13, JMG+13, LGL+18, SGA+19, TMPM+16b, TMPM+16a, Tol85a, TCL+15, WH20, ZFSV+09].
**Northwind** [RCB+20]. **norvegica** [CNT+19, KSKN21, MPSD15, SIR+07].
**Norway** [FGL+23, Mid69, MPN09, SST+17]. **Norwegian**
[HBL+13, BMK12, BPNB90, BS95, DCL+13a, DBM17, EBD+20, FDE+22, FAH+13, HBG+21, HMP+13, Leg91, Mos69, NF06, SBK+95, Ste91, SBS90].
**notably** [dSSDS+20]. **Note** [Ano03h, Ano03i, Ano19o, Ano07s, Ano08x, Ano10a, BSA06, FZ88, Sud86, Swa76]. **notes** [BM76]. **notice** [Swa77]. **nov** [AM19]. **Novel** [CCM+13, SPH+15b]. **November**
[Ano04g, Ano11h, Ano12o, Ano14o, Ano15p, Ano16s, Ano18n, Ano19j, Ano20s, Ano21s, Ano22z, Ano22-33, Ano23s, FBB+21]. **NPP** [VEM+21].
**NSCS** [XLX+20]. **NSCS-RiOMar** [XLX+20]. **Numerical**
[AR18, AEPW93, GLPC23, GRS08, HT97, Leg91, Li14, MGKW19, SZG06, TCN20, YN03a, YN03b, Yux88, ASFB+13, Ano94c, BFPS06, BCG+08, CDH+13, CCMS08, FDHT05, HSH97, KRL08, MKM93, PTF10, Pre86, RDL+91, SGMVF14, Ste91, WDMMK89, WD94, vFB82]. **nurseries** [DFM+15]. **nursery** [CDTM+21, HvDL+17, RASVB+22]. **Nutriclines** [SGS+23]. **Nutrient**
[CCW+02, FGL+23, HNR+17, LGZL22, LGD+20, PMDR06, SMP+22b, ZLR+07, AJA+22, AFBT+22, CHC+12, CW02, DHL+21, FCMCÁS19, Fly03, FYYC05, HLR17, HAH+22, ILA21, iIYO+10, JJL+19, JX18, JRW01, JCF+23, KTN14, KMS+24, KSPK99, KNI+05, KZD+19, LDD+22, LFBR+18, LZCZ05, MRA+19, MHGGS19, MHCR+12, NHN+21, NKK+05, PV07, PKV18, ST03, SGS+23, SKP99, SM16, TDGY22, TAM+15, TSP+13, WW02].
**nutrient-conserving** [HAH+22]. **Nutrients** [CDH+13, TWAL+11, BMK12, FAH+13, KFC+23, KSC10, LMC+20, LGG18, LDMH09, RBR+23, RDD+18, SK18, SK21, TZP+00, WGZZ19, WDMC02, WXH07, ZGZ19]. **nutrition**

[GLV12]. **Nutritional** [LDH90, DMC+18, KTN14]. **NW** [AAM+14, ABT+04, BAOC+09, BMG+21b, CLD22, CQZ+18, EMU+23, KFC+13, LRGV+18, PGT+13, SCAA07, STG+18, VFCC+22, VGM+23, ACB+13, ACL+18, ÁSDB+01, ÁSFP+03, AUE+14, BAM+09, BGM+01, BCOL+19, BBPHG+11, BBRM20, CJRÁ+13, CCHV+21, CHSB+21, CVHM+18, DAU22, DCRR+22, DCL+13b, FBR+13, FARRL+13, FB01, GMAMB04, GASV+09, GHL15, GBB+20, HHB+01, HDM19, HBV+99, HHB+22, IVR+13, JW01a, LSM+22, LB20, LFBP+13, LMP22, MAFS+22, ORW+01, POS+07, PPHM18, PPSVC+13, PGGG17, PRL+18, RCC+18, RCF+13, RÁSG+13, RAE+05, SOS+07, SSB19, SSB20a, SCMAR+99, SVHM+13, SCB+09, VSPP14, vWM02a, vWdSBdH02].

**O** [BSF95, CFG07, CF12, CMF15, FC07, LCJ+17]. **oak** [FBR+13]. **obesus** [HHP10, MRAP22]. **objective** [HRA00, RGB+17, VBL04, WSO+13]. **Objectives** [PV18]. **Observation** [ILI+12, KGL22, LLH+21, MAB+11b, VBVYT05, DDJ+21, SCY+23, UGY+22]. **Observation-based** [KGL22, LLH+21]. **Observational** [BCG+08, DFC+21, QYF+24, Sch03, FRK+09, Kag97]. **Observations** [BhTW10, LRS+03, LCZ+24, MM80, MKMF+89, PL18, Tho77, WSH+22, XHC+20, APN+15, ABM+05, ALBP87, BIST01, BDBJ01, BPC+05, BRR+12, CSS11, CLY22, CPSM20, CCH+12, CRiI+15a, DHC+20, DOS+18, DLC+08, FRV+19, FGR+06, GBM+01, GTNK21, HTdM+15, HHZ+22, KHD22, LaC08, LS20, LHE+13, LC16, MBS20, MZZ+23, MS00, MKM86, PC87, Pra91, RM97, RR03, Rud15, RKC+10, SJA+23, ŠGM+18, Ste04, SOA+23, SNS+22, TBS+19, TSAM+22, VBL+21, VNMS91, WLM+22, WZC20, XYWY23, YHZ+22, YN20, YLY+14, vHMDL14, vHCY+20]. **observatories** [RAB+11]. **Observatory** [CLMR23, HBD+21, VGM+23, CNSHT15, DOS+18, TAW+15, VGJ+19, SAW+15]. **Observed** [CGD+22, KSK21, MZH+23, MVS08, PTZ+23, ZLZ+17, CS04, HMRA+03, HZD+23, HBD+18, JJA+08, Kos02, KRHS14, LO85, Man69, McG64, MSS+02, Ric93, TYO+14, VK90, YYK88, ZZPL18, ZBLF23]. **observing** [HBD+21, MJC+17, SFK+99, VSA+21, Whi95]. **obtained** [PHC+19]. **occidental** [MEMC05]. **Occurrence** [CJG88, GLY23, PAG+18, STG+18, SCCJ+18, DWNN04, IMM+22, MB01, RSW+23, SCB+09, SOWS17, SWP+13a]. **occurrences** [KT04, MRW+14]. **Ocean** [AC85, Ang79a, APSC11, BMG+21a, Bre82, DDJ+21, FTG+11, HMRA+03, HBV+10, HHB+22, Ike88, JJA+13, JCM+21, Kra82, KPSB17, KMF+20a, MCL+15, MYH+22, MAB+11c, MAB+11a, MAB+11b, OHH+22, RHB23, SCS+18, SAA+15, SPK+19, SJM+19, UGY+22, ASJ+23, AFBT+22, AASJ23, AK97, AGS10, Ang89, AG22, Arb22, AB65, BBE+15, BHK+16, BHHR15, BGM+99, BPGD+14, Bro82, BB10, BCG+08, Cai95, CKP+20, CTKF+23, CVBG21, CBB+22c, CSS+19, CP83, CWS+21, CGB07, CEF+13, Dea85, Dur09, ERBV21, EHSI12, EGPM+15, FPD+01, FDHT05, FBS22, FACM+23,

FWH+17, FGS+23, Fuk91, FWL+15, GPEV20, GSPP+20, Gar06, GR17, GLAHH+22, GCD+13, GBC+16, GCED22, GCD97, GZCL23, HWPLvW20, HKL+15, HHK+22, Has82, HS07, HDZY15, HMX+23, HM15, HLGA07, HHMB+09, HAA+14, HMKF08, HTdM+15, HLFL23, HWB+18, HDB13]. **ocean** [Hut87, Hut92, Hut95, HSF02, IGG+19, IPF23, IG19, JB15, JvdLL+15, JSKM02, JST+24, JCF+23, KM08, KC15, KBHML17, KFM+17, KY14, KA85, KMS+24, KLIRK17, Kru19, KRL+22, LVGH+15, LK13, LL97, LRW+15, LMS10, LGZW22, LL21, LM97, LB14, LH89, LS85, MLL+22, Mac98, MBT07, MGE+12, MHS+20a, MHS+20b, MB20, MMR+12, MPM+17, MBS20, MFS+16a, MFS+16b, MJ88, McK15, MFDH22, MLHE23, MWS+10, MFB+84, Mit91, MK12, MJC+17, MZGA+20, NHS+14, NNM+21, NH88b, NBG+05, OWH14, PRP09, PCK+06, PM22, PSK96, Pie01, PZA+15, PAVB+21, PLK14, RM97, RSMIS03, RGI05, RG09, RFKC16, Roo82, RLC85, RA15, RAB+11, SMFM+21, SGLF+13, SOB+08, SSB+20b, SMN+14, SF15, SZG06, SE08, SE09, SBLA10, SON+20, SA97, SHF01, SBB+22, SV97, SMKK21, Ste04, SJD10, Ste91, SK91, SBBV04]. **ocean** [SW65, SSW+09, STGR+14, Szu12, TMH+16, TAM+13, TAH+11, Tur15, VBL+21, Val99b, VGJ+19, VDS+18, WD94, War06, WGCS13, WSO01, WMB+18, Whi94, Whi95, WLM07, WHI+02, WLM+22, WBH15, Wun24, XLX+20, XYWY23, YFK21, YS15, YZX+23, YSS14, YN03a, Yu23, ZCD08, ZKT88, ZL01, ZNR+24, ZHF+24, ZHBW01, ZBLF23, dMM69, dHA+04, dPCS23, vHCY+20, AMFY20, AMY+23, AdAK+18, ÁSÁB+14, ÁBMÁS14, ÁBMÁS15, AKAL20, ATC+19, Ano94c, AFH+11, AGL+15, AvD15, APHGC+22, AT07, ARG11, ABP+23, BBE+15, BSC+19, BLR+23a, BGMP03, BP02, BSF95, BvdLA+11, BGM+10, BLHB07, BEH19, BMdMS+21, BKC15, BHS+15, BHC+18, BC16, BS95, BS02, BLES16, BTJ+17, BGWP+17, BTV+17, CSR90, CKM+21, CPC+15, CVBG21, CSLJ03, CGZ+16, CGS23, CKT+13, CDP14, CRPS+15, Dag93, DAvD+21, DYO+10, DML+16, DPB06, DCKB13, DMC+18, Don65]. **Ocean** [Don87, Don94, DS65, DMBB02, DBRK17, FPD+01, Fai65, FGS+15, dCFK17, FPJ+15, FACM+23, Fre07, Fro93, FWL+15, GLY23, GWB14, GMAGH+17, GTB07, GCV+24, GBC+00, Gif93, GLAHH+22, GGAA+23, GWGR+19, GTNK21, GBH+20, GCS91, GSF+15, GLV12, GVKD+13, GMDS20, HLR17, HSK+19, HPB+09, HVTV22, Hay65, HBR11, HGPFN+14, HGTP+19, HMO+13, HSLG11, HKE+10, HBW17, HCV+20, HFK03, HLTB+17, HHP10, HK65, HPH+08, IMM+22, iIRM+15, ISH+04, JS21, JAC+12, JHM+22, JG07, JCM+21, JPIP22, Kam19, KRL08, KPM+23, KSR+01, Kiv97, KAK+22a, KS06, KH09, KAH+16, KB65, KTW+22, KMF+20b, LJ65, Leh01, Let87, Lev88, LMH+13, LMT+19, LdSH+15, LM14, LSW+21, LLX+21, LS15, LB14, MMR+09, MNS+24, MGWZ20, Mar20, MRO+08, MR06, MRAP22, MOS+13, MST+23a, MMF+17, MKM93, MFS+16a, MFS+16b, MBKS08]. **Ocean** [McG64, MRH+14, MKSvA+22, MPSS91, MHH+15, MN88, Mil88, MC88, MS00, MFA+15, MTK+22, MFM85, MGK+86, MKOLA20, MJD+21, MCMT+17, MVS08, MCH+12, MW96, NJCD01, NXT+17, NMY+14,

NYH+22, Nof03, NKK+05, NRA+21, NST+23, OMK+22, OWR+07, OPG+10, OT19, OKdA+19, ORMR+19, PMG15, PFHM16, PTP+22, PPVG12, PPKR14, PAPL15, PMH17, PLEF+23, PS91, PYKF15, PGS+22, PP85, PHCA17, PFE10, PAF+11, RWD01, RSB+01, RJO+19, RFFL21, Rei86, Rei89, Rei94, Rei97, Rei03, RCB+20, RKFD07, RTN90, RGE22, RM89, RFPG15, Rud15, RKS+15, RHM+19, SSB19, Sai65, SCLG+11, STPHM+23, SBC+16, SLOP+22, SJA+23, SBK+95, SM01, SDS02, SDS22a, SKWWGV18, SVU02, SAM+10, SWT+17, SW22, SSN23, SR15, SEW11, SO91, SQJ+17, SPB93, SMP07, SW21, SKCP23, TFY02, TKSI08, Thu90, TLM+17]. **Ocean** [TWBC+13, TAM+15, TTF+22, TBW00, TSJ+12, Tsu86, TRMV15, UB10, VSA+21, VDP+01, VDDA+08, VKGP+13, VMA+24, WMC+89, WHS17, WH20, WWW+23, WMWR08, WTT14, WKS+15, Was15, WSC+21, WLM+13, WSG+93, Whe93, WCN+05, Wil65, WC15, Wis65, WHS+23, WG82, XC14, XWW+21, YGMR+23, ZSI+05, ZPY+20, ZBY+22, ZQWP23, ZJZ+21, dZTG05, dPGSHL23, vAB96, vWMH98, PS23]. **ocean-climate** [STGR+14]. **ocean-color** [McK15]. **Ocean-facing** [TTF+22]. **ocean-shelf** [Hut92]. **Oceanic** [BM86, CR97, HFO+22, LM10, PMG15, RG03b, RK03b, RR03, BH07, BCLD+17, BT07, CLV+19, CTI+19, DFC+21, Emi65, FELMGM+22, FK86, Fra69, Gif93, HTG15, Hol00, HRA00, Jac10, Joh04, Kaz17, Kun03, LDHW20, MSMR93, MM99, MTH+10, MCMT+17, OCH+18, PS23, PELAA18, PTZ+23, PK02, PFE10, RMK+21, RL85, SMdG02, SJ02a, TBS+19, UBB+23, XHW+20, YT06, dlHRA+18, RG03a]. **Oceanogr** [ÁBMÁS15, BJMP20, FDH20, GFB+15b, JLP+20a, KN11, KMF+20a, MHS+20a, MFS+16a, RBS+20, SE09, VH09a, WF07, Yas07b, dMGS+11b]. **oceanographer** [CNT03, YRKC08]. **Oceanographic** [BPF06, BECR+22, GAM98b, IPD14, MVBC+21, Ore69, QCdS+07, RAG+19, VKDS+18, AKAL20, BL02, BASS+20, BPSN+21, CBB+02, CGC+20, CdTH+16, DMBHG10, DMF+09, DCL+13a, DB02, EKB06, EBR+14, Gar03, HGBG20, ICB+19, JST+24, KJZ+12, Kvi69, LJM+16, MNT14, MLL+15, MMES16, MIH06, Mit91, MWFH02, MGH+07, MBD+09, MKSW+15, MMN+24, NRS+19, NM17, NBLI20, PMM+23, PGY+22, PC87, PRC+20, REG+15, RNBP+19, RBPGJ+20, RHB23, SSS+11, SF02, SMR+20, STC10, SWP+13a, TKC+22, WC15, XYL+22, Yas07a]. **oceanographical** [Coo69, VKGP+13]. **oceanographically** [DIQJ21]. **Oceanography** [Ano94c, BDB+22, BLAM00, Fei04, HHW22, Kru19, RLSF07, RG03a, SDS22a, SAA+15, SHC+07, VHK04, BC91, BTK+99, BMGN15, BD85, Dav99, FF83, FJhT+14, FÁFL06, FL06, Gou85, Jac10, LFA+06, OEL+14, Pai20, PIS13, PFHM10, RBD+07, RSW+23, SGPdM18, SFK+99, SENS13, SMB88, TDH+95, TAO05, Tol85a, Tol85b, WB03, Wüs64, YSD15, Hof81, Ang88, WR03]. **Oceanologica** [Ang86]. **oceanological** [AVG+19]. **oceans** [BPGD+14, DP18, FC05, KF11, KKNT23, LRAE23, LCR+93, McK15, OP18, SvN04, SBM91, VBC+20, CRF+10, GPA+11, HGT16, ICB+19, KSV08, KMWF11, MMF+07, Ang79a]. **OCLE** [dlHRA+18]. **October** [Ano21t, Ano22-34, Ano23t, CBB+22b, Ano98e, Ano00c, Ano00h, Ano02c,

Ano03b, Ano04e, Ano05b, Ano06b, Ano07l, Ano08q, Ano11g, Ano11j, Ano12l, Ano18l, Ano20t, CBB+19, SLBVRR+22]. **octocoral** [SW21]. **octopus** [LAGM+23, OÁSG+16]. **ODAS** [CPB+15]. **Oden** [NBR+08]. **Off** [ÁSDB+01, ÁSFP+03, AMEV07, AAM+14, AMG+16, Ang79b, AYH+23, ACN01, ASB+08, ACHSH08, BW08, BBLD+11, BSMC15, BGM+01, BIST01, BFH01, BGM+10, BBSN04, BSC+07, BAOC+09, BM07, BM86, BASS+20, CPG08, CMF+09, CCW+02, CMS+13, CGG08, CCMS08, CPNL07, CFG07, CF12, CW02, Cra09, DM13, DSC+21, DB02, Dur09, ES07, EHG+07, EM12, EHFD12, FZ88, FC07, FP03, FB01, FGL+23, GMBU12, GEO09, GGQ07, GMAB07, GDI+09, GRB+08, HHB+01, HPS+01, HFW+98, HEF+12, Hob10, HFO90, aHFS92, HWF+21, HSF02, HWS+07, IVT+12, JE92, JW01a, JIT+01, JJS03, JGO+98, KKB00, KP03, Ken88, KC15, Kos02, KPSB22, LC12, LOG+09, LAA12, LQU07, Lie88, LZG20, LPF+18, LS13, LABD+24, Man69, MERB12, MLD+03, MMMWZ23, MB01, MM80, Mid69, Mit83, MMF+12, MDC+07, MGH+07, MTH+10]. **off** [MHCR+12, MA12, MSL+07, MDL+12, MCGS+16, NEI+22, NIF+15, OLH+18, ORW+01, OÁSG+16, PMM+23, PCSMC12, PELAA18, Pea02, PAM+88, PK02, PKF02, PD15, RBNJ+12, RBPGJ+20, RWOA01, RB20, RZW+23, RASVB+22, SLM+16, SSQ19, SLG+12, SDGVE17, SS69, SYB+15, SAY+16, SHF01, SBD+07, SSL07, SMPC+12, Tom81a, VNMS91, VSGD21, Ven12, WOW+14, WCC+20, WLM07, YPGE+10, ZCH+17]. **Off-shelf** [ÁSDB+01]. **off-shore** [JIT+01]. **offs** [KSY+19]. **offset** [DWFP+19]. **Offshore** [FRK+09, SFMA20, BDG+17, CTF07, CTA16, CSG+15, FvBA+17, GDN+18, Hau84, HW02, KSD84, KLC+15, LYZ16, MKSW+15, PMMN+22, SOWS17, SDK84, Sim84, SKHD84, WH89]. **offshore-estuarine** [PMMN+22]. **offspring** [DWFP+19]. **oil** [BCD+20]. **Okhotsk** [KKS+19, AVG+19, FJ19, FMWW14, HKN+14, INT14, Iwa23, KTN14, KON14, KCBS20, MMN+24, NTU+14, NO14, NNM+21, NMY+14, NNO+14, ONR+14, Rog00, RCSA01, SM21, SBH+14, SMN+14, SOO+14, SIS+14, SPB19, TII+14, UNN+14, WNNI21, YYT+14, YNTS22, YAI+14]. **Okinawa** [DYL+15, ZLC+15]. **old** [CBB+22c]. **oligotrophic** [DDP+00, DLC+08, DTW+00, EGPM+15, JHM+22, KGB+23, KAAK+16, LRAE23, LL21, LEDR+22, PTI00, QPR03, TWAL+11, WYT00, WQ08, YFY+22, ZLR+07]. **oligotrophy** [VDS+18]. **olivacea** [CdTH+16]. **olive** [CdTH+16]. **Oman** [HFW+98]. **OMEX** [vWMH98]. **Ommastrephes** [IIS+17]. **Ommastrephid** [RASVB+22]. **omorii** [SJJ+03]. **OMP** [PPVG12]. **OMZs** [PRP09]. **onboard** [CTP+18]. **Oncaea** [KSKN21]. **Once** [Mun97]. **Oncorhynchus** [AHC+13, KBF+08, SKSK06, WBF+21, YWUK15]. **One** [MSFZ19, DSAB20, PMG15, RCD+94, RZW+23, YFY05]. **one-dimensional** [YFY05]. **Oneirophanta** [RMB+01, WDK+01]. **Ongoing** [CHG+18, IG19]. **only** [SHF01]. **onset** [KHBA+24, VEM+21]. **onshore** [YYC+18]. **Ontogenetic** [CSMGS19, RK20, SKH+23]. **ontogeny** [IS19]. **opal** [RGC+01]. **Open** [PBH+10, BPGD+14, CMPNC+22, CSC+12, FBR+13, FBD18, Fro93, KKS+18, KFC+13, KRL+22, LSM+22, LFCSV+13,

MPCNC+19, MCKS17, PPdM+12, PAVB+21, RFKC16, SGL+17, SK91, SPB93, TCDPP+22, Whi94, ZGB+20, dlHRA+18]. **open-ocean** [RFKC16, Whi94]. **open-sea** [PPdM+12]. **open-slope** [PPdM+12]. **operated** [CAO+20]. **Operational** [NHS+14, SGLF+13]. **opheliid** [VCSG+01]. **opilio** [MGKW19]. **opportunities** [FDH20, HSH+19, MLHM09]. **opportunity** [SPH+15b]. **oppositely** [LBH+21]. **Optical** [BGR+15, BDB+04, BTNK13, BMB+16, CDB+22, CTMV+14, FRV+19, GNH19, HHMB+09, JZZY24, KTH+21, LCB18, LGL+18, LC10, MVC+11, MCT03, PTP+22, SHP+23, SRG+19, TII+14, WMB+18, XC14]. **optics** [Jer65]. **optima** [TOKLC08]. **Optimal** [SF15, SCY+23, MPSS91]. **optimisation** [TIOM16]. **Optimization** [MV10, HLS+14a, RG94]. **Optimizing** [SPC+23]. **optimum** [ÁBMÁS14, ÁBMÁS15]. **options** [HSC09]. **order** [CES+19]. **Oregon** [BASS+20, CW02, FP03, HSF02, HWS+07, KP03, Kos02, Pea02, PK02, PKF02, PD15, SHF01]. **Organic** [CMPNC+22, GBM+01, HW02, LB14, RSD+90, TPM+00, VBA+18, AYK+05, ASC92, BHHR15, BFJ18, BS02, BMG+21b, CDS90, CKP+20, CGM+02, CGC+20, CJ92, DDE+95, DDP+00, DMD+00, DDD+00, DBW+22, DOS+18, DHDM22, DVB+18, EvdZSH02, FPD+01, FZY+23, FUOG+16, FK86, GMAMB04, GvOS+08, GLAHH+22, GF19, HM98, HOY+21a, HSLG11, HOY+21b, HPZC21, HMKF08, JZZY24, JW01a, JMG+13, KNSN+09, KSR+01, Kit03, KGdS+08, LSV14, LSB+17, LSD+18, LSD+15, LHEB98, LvIKB07, LFBP+13, MPCNC+19, MBCB88, MMKS+21, MDC+07, NRA+21, OB98, Par63, PGT+13, PPSVC+13, PRL+18, RFSCF19, RGE22, SVHM+13, SFMA20, SHd13, SRF+19, SMN+14, SIS+14, TPPG10, TZP+00, TDK+16, VFCC+22, VK92, WMC+89, WRS+92, XYGJ23, YTB+21, ZMW+23, ZKK+16, ZZWL06, ZHBW01]. **organic-walled** [ZHBW01]. **organism** [VFS+15]. **organisms** [BCLD+17, Bri79, KFC+13, PNF+21]. **organization** [JFG+90]. **organizing** [RRS03]. **organochlorine** [SGL+13]. **orientale** [Ber65b, Bou65]. **orientalis** [BMC+10, FFT+18, KKKY10, KTIT22]. **orientated** [STM10]. **oriented** [ŠPM+22, VMN08]. **Origin** [BvdLA+11, PRL+18, AS96, AGD+18, BPNB90, IOGS13, LCJ+07, LPBM17, MM01, NBHM01, PL18, SA97, VKT15, Wil87]. **original** [MJD+21, SDS22a]. **originating** [NTU+14]. **Origination** [BLC23, LGH+21]. **Origins** [SG91, BhTW10, NMK+03]. **Orkney** [TSFA22]. **orthogonal** [TCL20]. **Oscillation** [BGMP03, FJH10, GPC+03, HHSR07, SMG02, Wu13, LYM12]. **oscillations** [BhTW10, CDDF11, CMF+09, Hen73, IAN13, KWI20, Lie88, ŠVL+15]. **OSCOM** [DDJ+21]. **OSMOSE** [MSB+23]. **OSSE** [HKL+15, KAH+16]. **ostracod** [ABSDC07, BHK+19]. **Ostracoda** [BHK+19]. **ostracods** [Ang79b, Ang84, YTL+19]. **Osumi** [Ike88]. **other** [DDE+95, EBvdL+09, FMC+15, HHY03, HM15, HVEF09, RZW+23, Sma10a, Sma10b, WXH07]. **otolith** [EiIT+22]. **our** [SRM+10]. **out-flows** [Mil14]. **outbreak** [BBB+14]. **Outer** [FCN+19]. **Outflow**

[BF12, APN+15, GPE+17, JX18, MHH+15, Mil09, Sek88, TVD+99].
**Outflows** [PB94]. **outlining** [IGG+19]. **output** [RKM+07]. **ovata** [RK20].
**over-generality** [AF10]. **Overarching** [Was15]. **overbanking** [CFM+18].
**overcapacity** [FBM+08]. **overfishing** [BWMGCB08, BMB06]. **Overflow**
[LBF+22, Men21, ZLZ+17, HØ07, JJR+08]. **Overlap**
[LMP22, GRB+08, NHE+13]. **overlying** [LPA92]. **Overrunning** [KVLA06].
**Overturning** [MSJ+15, APHGC+22, GWB14, HGPFN+14, HGT16,
HGTP+19, KJH+22, MR06, MFS+16a, MFS+16b, MLS+15, Ric08, SFMT12,
SFMT14, SDS02, SDS22a, SSM+18, Tal08]. **Overview**
[CTL+04, ZSW+22, ARH+00, BIL03, BR01, BRH+05, KNS+03, KY14,
MP13, Mau10, MAB+11c, SPF+23, WMB+18]. **Overwintering**
[GHF+21, DOS+18, DBM17, HPNDC15, SRK15, SK17]. **OVIDE** [MLS+15].
**oxic** [GGQ07]. **oxidation** [EvdZSH02, STW+15]. **oxide** [dlPHF+15]. **oxides**
[FC07]. **oxoacids** [SCCJ+18]. **oxycline** [WGG+08]. **Oxygen**
[Ant09, KSV08, KSPK99, PRP09, RCÁS+15, SE16, SGR+22, VSGC21,
VJJ+22, AYH+23, BKD+20, CLL+18, EiIT+22, GEO09, GLV12, HFW+98,
LGR+02, LQU07, MYH+22, McG64, MSB+23, NAH+21, PAVB+21, RS10,
SGF+19, SM05, SKP99, SK21, WAH+20, WFR07, WGG+08, XYGJ23].
**Oxygenation** [GEP+08, FC07]. **oxymeter** [Føy65]. **Oyashio**
[iIYO+10, KTW+22, NNM+21, OTNI20, ST03, TKSI08].

**P** [Ang80, Hof81, CGB07, CR20, DVB+18, Fre07, GGQ07, GLS08, JJA+08,
MG02, PHK+17, PV07]. **P.** [vPRT90]. **P06** [KMWF11]. **Pa** [DTKvH15].
**Pachygrapsus** [PPPdS20]. **Pacific**
[AYK+05, AFH+11, ARG11, BJMP20, CLSD18, CSR90, CF07, GLV12,
Hau18, HHW22, HHP10, IMM+22, iIRM+15, JS21, Kam19, KSV08,
KTW+22, KMF+20a, KMF+20b, LM14, LLX+21, MS00, MTK+22, MW96,
NXT+17, OMK+22, PYKF15, Rei86, RM89, SJ02c, SJ02b, SKH00, SW21,
TWBC+13, WF07, WH20, WSC+21, WWN+99, AS20, AALM06, ALM+23,
APHGC+22, AT07, BPF06, BE99, BLR+23a, BP02, BGM+10, BLI+99,
BHB+19, BHH+16, BJMP19, BLP93, BMC+10, BAB+19, BBRM20, Bri79,
BMN+99, BPM+14, BH85, BPSN+21, CARBML+22, CBB+22a, CES+19,
CSLJ03, CBOP15, CAT+08, CSK+12, CMF15, CRPS+15, CR20, Dag93,
DYO+10, DN07, DWH+14, DCKB13, DOS+18, DRE+08, Don65, Don87,
Don94, DLC+08, DMBB02, DBRK17, DLM91, ED82, Emi65, FELMGM+22,
FJhT+14, FMM+20, FÁFL06, FT06, FL06, FGGDF+04, FC05, FMCG15].
**Pacific** [FLUC08, Fro93, FK99, FMT15, FFT+18, FB05, GLY23, GR17,
GCC+24, GKR20, GDM+20, Gif93, GBT+19, GW91, GdRGL+01, GM19,
GCFS06, GBC+15, GC09, Gri22, GRdSS+22, HSS+12, HKK12, HPC+20,
HM00a, HMWM00, HBV+99, HSK+19, HFNG00, HRSM08, HZCZ16,
HGT16, HGBG20, HKY+11, His22, HM08, HHW01, HFO90, HLTB+17,
HBH+17, HWS+07, IIS+17, IHT+21, IHY+01, IAFD02, iIRM+15, IU14,
JM19, JLRB20, JSKM02, JSLA+21, KST+10, Kat18, KYT+16, Kes06,
KHD22, KKNT23, KiL14, KKKY10, KIS+05, KAK+22a, KST03, KTIT22,

KKS+19, KNI+05, KRHS14, KYS+17, KRL+22, LMPB+16, LJ65, LGK+93, LMS93, LFA+06, LYM12, LMW+12, LW85, LBH+87, Leh01, LSS+10, LBSP01, LMH+13, lLdZQ+22, LG23, LSMG01, LB20, LCGH07, LLS01, LGZL22, Luk86, MMR+09, MSMR93, MT99, MBT07, MRRC73, MCD+14, Man04, MTC12, Mar20]. **Pacific** [MRAP22, MMF+07, McI10, MS17, MSI17, MNM06, MPSS91, MZZ+23, MFB+84, MN88, Mil88, MC88, Mil93b, MSA+22, MM99, Min00, Min02, MS15, MNFY21, MCGS+16, NEI+22, Nag01, NHH+23, NMLBCM+01, NMO+21, NMY+14, NYH+22, Nof96, Nof00, NKK+05, NRA+21, ORPRGIS22, OTNI20, OPG+10, OOTA15, OT19, OAM00, ORMB08, PGY+22, Peñ03a, PV07, PB07, PMK+06, PLEF+23, PS08, PGS+22, Phl65, PLB+23, Pie01, PVA24, PLK14, Qiu15, RTF+05, Rei97, RMG90, RvBD+22, RDC+21, RHBS13, Rog00, RGM01, RPSC22, SSB19, SSB20a, Sai65, SSH+05, SCLG+11, SF02, SDGVE17, STF+13, SMdG02, SMG02, SBH+14, Sek99, SCC14, SBFP21, STS+12, SO91, SIS+14, SPS+99, SPB93, SJ02a, SASH08, SKT01, SHS+05, TJ73, TFY02, TKSI08, TOKLC08, TT05, Tan99, TMÁGC+21, TSJ+12, TLF+89, TSNO05, TKK+05, Tur65]. **Pacific** [UKM+14, UBB+23, VCM04, VMH+21, VMN08, WFH+22, WF06, WO85, WNNI21, WCS+23, WLM+13, WSG+93, Whe93, Whi94, WCN+05, WFBN+13, WFR07, Wil65, WLL06, WHK23, WXH07, WBD+15, Woo18, WJPHB15, WZ04, Wu13, XYL+22, XC14, XNT+17, YYT+14, YMA+17, YTB+21, YAK+08, YBPS08, YYK+12, YFY05, ZSI+05, vHVAT22, HHW22, Wu13]. **Pacific-Asian** [FJhT+14]. **Pacific-influenced** [GCFS06]. **pacifica** [DSBP15, FMC+20, HL05, OTNI20, RB20, SBFP21]. **pacificus** [JC04, KSK+15, LPHL+05b, PHLL05, PLHLF05]. **pack** [SLGI+21]. **paedomorphosis** [GM19]. **PAEs** [PAG+18]. **Page** [Ano17i, Ano17j, Ano17k, Ano17e, Ano17f, Ano17g, Ano17h]. **Page/Cover** [Ano17i, Ano17j, Ano17k]. **Pages** [Ano63c, Ano64d, Ano65h, Ano65i, Ano69c, Ano73d, Ano76b, Ano76c, Ano77b, Ano77a, Ano78, Ano79b, Ano79c, Ano79d, Ano80c, Ano80f, Ano80d, Ano80e, Ano81b, Ano81e, Ano81c, Ano81d, Ano82c, Ano82f, Ano82d, Ano82e, Ano83b, Ano83c, Ano83d, Ano83e, Ano84b, Ano84c, Ano84d, Ano85f, Ano85g, Ano85j, Ano85h, Ano85i, Ano86j, Ano86e, Ano86i, Ano86f, Ano86h, Ano86d, Ano86g, Ano87e, Ano87f, Ano87h, Ano87g, Ano88d, Ano88i, Ano88f, Ano88g, Ano88c, Ano88e, Ano88h, Ano89d, Ano89f, Ano89h, Ano89j, Ano89e, Ano89k, Ano89g, Ano89i, Ano90c, Ano91d, Ano91g, Ano91j, Ano91l, Ano91f, Ano91i, Ano91e, Ano91h, Ano91k, Ano92i, Ano92d, Ano92f, Ano92g, Ano92h, Ano92e, Ano93c, Ano93d, Ano93e, Ano93f, Ano94j, Ano94e, Ano94i, Ano94f, Ano94d, Ano94h, Ano94g, Ano95d]. **Pages** [Ano95j, Ano95f, Ano95h, Ano95c, Ano95i, Ano95e, Ano95g, Ano96c, Ano96e, Ano96f, Ano96d, Ano96i, Ano96g, Ano96h, Ano97c, Ano97f, Ano97d, Ano97e, Ano98c, Ano98b, Ano98a, Ano98d, Ano98e, Ano99c, Ano99e, Ano99b, Ano99d, Ano00f, Ano00e, Ano00g, Ano00d, Ano00a, Ano00b, Ano00c, Ano00h, Ano01b, Ano01c, Ano02a, Ano02b, Ano02c, Ano03f, Ano03e, Ano03c, Ano03a, Ano03d, Ano03b, Ano04b, Ano04f, Ano04c, Ano04d, Ano04g, Ano04e, Ano05a, Ano05d,

Ano05c, Ano05b, Ano06c, Ano06a, Ano06d, Ano06b, Ano07n, Ano07q, Ano07k, Ano07m, Ano07o, Ano07r, Ano07l, Ano07p, Ano08p, Ano08r, Ano08s, Ano08o, Ano08n, Ano08u, Ano08w, Ano08q, Ano08t, Ano08v, Ano09m, Ano09i, Ano09j, Ano09k, Ano09l, Ano10j, Ano10k, Ano10l, Ano10m, Ano11i, Ano11h, Ano11g]. **Pages** [Ano11j, Ano12m, Ano12n, Ano12p, Ano12o, Ano12l, Ano12k, Ano13n, Ano13l, Ano13p, Ano13m, Ano13o, Ano14m, Ano14p, Ano14q, Ano14n, Ano14r, Ano14o, Ano14l, Ano15n, Ano15o, Ano15m, Ano15r, Ano15p, Ano15q, Ano16t, Ano16o, Ano16n, Ano16p, Ano16m, Ano16q, Ano16k, Ano16l, Ano16s, Ano16r, Ano17r, Ano17n, Ano17o, Ano17m, Ano17q, Ano17s, Ano17l, Ano17p, Ano18j, Ano18k, Ano18m, Ano18n, Ano18l, Ano19n, Ano19m, Ano19k, Ano19l, Ano22-29, Ano22-30, Ano22-27, Ano22-28, Ano22-31, Ano22-32, Ano22-33, SW81]. **Pagophilus** [FJH10]. **Palaeo** [DVL+99]. **Palaeo-environmental** [DVL+99]. **palaeoceanography** [Gal17]. **palaeoclimate** [Gal17]. **Palamós** [CHSB+21, PGLG+05]. **palatability** [PMS+15]. **Paleoceanographic** [LXC+22]. **paleoceanography** [SBH+14]. **paleoclimate** [SOH21]. **paleoenvironment** [YSY+19]. **paleogeography** [Sai65]. **paleooceanographical** [Ola65a]. **paleoproductivity** [MDL+12]. **paleotemperature** [Ola65b]. **paleothermometry** [SBH+14]. **paleoxygenation** [MDL+12]. **Palk** [JJA+13]. **pallasi** [GBT+19, Nag01, STF+13]. **Palmas** [Ano09h]. **PAMS** [FJhT+14, LMW+12]. **pan** [CW06, PFW15, WCB+20b, CSK+12, HRSM08, MVN+15, VMB+22b]. **pan-Arctic** [CW06, PFW15, WCB+20b, MVN+15, VMB+22b]. **Pan-North** [CSK+12]. **Pan-Pacific** [HRSM08]. **Panama** [BSW86]. **panarctic** [CBC+06, CWW15, HKGH+06]. **Panulirus** [SS69, WOW+14]. **PAP** [HBD+21, BEI+20, BKD+20, KVNT20]. **PAP-SO** [HBD+21, BEI+20]. **Papa** [AEPW93, Fre07]. **papers** [BPW10]. **PAR-light** [JTD+14]. **Paradigm** [Fro05]. **paradox** [Fro05, LIH+12]. **paralarvae** [OÁSG+16, RAG+19, RASVB+22]. **Parallel** [SPMVP05]. **parallels** [GA01]. **paralytic** [CAH+22]. **Paramesochridae** [PMG15]. **Parameter** [HLS+14a, SSL08, SO91, Tom81b]. **parameterisation** [BMM97, SRM+10]. **parameterisations** [GLS08]. **parameterization** [BBS21, BBS23, HLFL23, SCLS10]. **parameterizations** [ZCD08]. **parameterizing** [Den03]. **Parameters** [Bri79, CÁM06, KPSA17, SSVP00, SW22, SCHD23, SMPC+12, WXH07, XDG+23]. **Paramunnidae** [GM19]. **Parapenaeus** [PPdS21]. **parasitism** [LZF+24]. **Paratethyan** [Gal17]. **parcels** [RLC85]. **Park** [VDGGD+22]. **part** [AVG+19, Igu04, IMW+14, INT14, KFKO03, KNS+03, KSD84, Sim84, BBS21, BBS23, GAM98a, GAM98b, Hau84, MFS+07, MSF+07, McD81a, McD81b, MR03, MAB+11c, MAB+11a, MAB+11b, RANS65, SFMT12, SFMT14, SDK84, SJ02c, SJ02b, TTB+08a, TTB+08b, VOJD02a, VOJD02b]. **Partial** [LGZ+20, BF01, LM00, YCP+12]. **Particle** [DL17, KKS+18, NMK+03, NKK03, RCSVGP+16, TCDPP+22, ZFSV+09, BS02, DTKvH15, FLdST98, GIPG17, HPC+20, JvdLL+15, KNSN+09, KHC+99, LFCSV+13, MBdM+18, MMG+11, NFMCS+22, NIF+15,

ORMR+19, SG91, SMM+90, SRG+19, TFY02, VK90, VSC01, ZDM+20].
**particles**
[AH15, BPNB90, Bla63, BGR+15, BT07, FRK+09, FAAV+15, FK86, FDE+22, HM15, KSR+01, LTJ+15, MPM+17, MLD+03, MLL+15, NMK+03, Pas22, PPCWJ18, RTF+05, SPB+02, SCT+00, TSBS18, VDP+01, WGZZ19].
**particular** [KDB95, TR99]. **Particulate**
[BSW86, HMKF08, LPA92, AYK+05, CGM+02, CGC+20, CLG+00, CS89, CE84, DDDT99, DDP+00, DOS+18, DCS+22, FUOG+16, FRV+19, HSLG11, HOY+21b, HPZC21, IU14, KLB+21, KBC+22, KSP+23, LSB+17, LSD+18, LSD+15, LFBP+13, MFDH22, PL87, PLP99, PBP+99, SMN+14, SK18, TvW98, TZP+00, TDK+16, TRMV15, USH15a, Whe93, WRS+92, ZZWL06].
**particulates** [VKJ+23]. **partition** [BEH19, FP15]. **Partitioning**
[FDM+13, BGA+21, EBM+20, ERBV21, GVBV+21, IS19, KPSB17, MSMR93, NHE+13, PPKR14, SPB+12, SM16]. **partnership** [KY15]. **Pass** [STGR+23]. **Passage** [CLV+19, CP07, GWGR+19, Spr08, VKDS+18]. **Past** [BCD+20, DPB06, WH89, BDLW14, Den87, HDZY15, HPHW21, KKK04a, LWY07, LDMH09, NW87, PM13, SLG+12, SBB+14, SKRM+95, XNT+17].
**Patagonia** [SPF+23, BPSN+21, CSMGS19, CCM+14, CTI+19, FCN+19, IPD14, JTD+14, LSV14, MVBC+21, MSV+14, SSQ19, SPSR+14, TRP+23].
**Patagonian** [CMC+16, CM18a, CCM+14, CBPS+22, GHVG19, GF97, GCD+13, IPF23, MPMFL+23, MTC14, PMA+14, PSGVS+14, PWZ+16, QOS+22, RPSVLS14, SV14, TSRF14, VMV+23]. **patagonicus**
[STC10, STEB16]. **patch** [PSL87, TNS+05]. **patchiness** [Mar03]. **path** [Cia14, ORCH+19, TMN+12, TSS+12]. **paths** [IMW+14]. **pathway** [BLC23, NBHM01, QLY+22]. **Pathways**
[YKWF21, ZSI+05, BNCC15, BGV+23, CRT+22, KSS+23, LGH+21, LBF+22, MRMD+97, Men21, MJD+21, NMO+21, PGG+22, RBL90, RBE+12, SPG+06, STM10, THM+06, WHS17, ZLZ+17].
**pathways-orientated** [STM10]. **pattern** [FPIJ85, GKS+13, HMRB+03, SMFM+21, SIR+07, UAM05, XLX+20, XLL+20, ZGB+20]. **Patterns**
[BDL08, BL02, CMM+04, CLD22, CB09, CRF+10, KPSB22, QPR03, RKCH15, SM05, SBB+22, Ant09, ABP+23, BGMP03, BMO12, BWB+09, BHC+18, BRG+23, BD18, BAP+22, BFV+17, CGG08, CRHM12, CCW+18, DGGdR02, FWO15, FWH+17, FPY+16, FMCG15, GSV+01, GHF+21, GL06, GCC+24, GNH19, GBC+16, HLR17, HDZY15, HEF+12, HLP+16, HHW01, HHW22, HVEF09, IGG+19, JYK+14, KKKS14, KFH+15, LJM+16, LDAM+07, LRAE23, LW85, LFC+15, LC16, LW13, MHGGS19, MB20, MDB+20, MVN+15, MEMP15, MMF+17, MHS+09, MCMT+17, NDEG22, OMK+22, OHC+17, OPG+10, OACB+15, PGLG+05, PCM11, PK02, PSA+19, Phl65, PG10, QOS+22, Rei86, Rei89, Rei94, Rei97, Rei03, RRS03, SSB20a, SLM+16, SGA+19, SPG+06, ŠVL+15, SEG22a, SK17, SPH+15b, SI97, SBS90, TSC03, WTT14, WPH+10, YHRT22, YKNO23, ZLX+20]. **Paul** [Bak83]. **Paz** [LM10]. **Pb** [KKS+03, MSL+07, SCMAR+99, ZNR+24].
**PBDEs** [FDM+13, RNL+13]. **PCBs** [FDM+13, RNL+13]. **PCDEs**

[RNL+13]. **PCNs** [RNL+13]. **pCO**
[AEPW93, CVBG21, GCB+22, HSS+12, VSA+21, ZKK+16]. **PCR** [AIA+15].
**PDO** [Wu13]. **peaks** [CC23]. **Pearl** [LYZ16, LZG20, WL16]. **Pedro**
[Gor92, Hic92, WJE+92]. **Pelagic**
[BPNB90, FvBA+17, Mil93b, Sou94a, WWW+23, ARD+03, AAMB+24,
Ang89, AE09, BDP+06, BN03, BAOC+07, Bol94, BCL+09, BAP+22,
BFV+17, CKB+17, CSMGS19, CBOP15, CRF+10, CAB+99, DYO+10,
DPH+18, DPR+18, DHHP18, DTW+00, EKB06, ESGP17, FFS+20,
GRD+23, HKGH+06, Hob10, HFPS+06, IMM+22, JYK+14, JLP+20a,
JLP+20b, KHS+14, KLC+15, KFH+15, KAAK+16, LR07, LSY+14, Law04,
Leh01, LLAPG+22, Lon95, LSIB23, LSH+22, MRA+19, MHR+10, MMN12,
OMR+22, OMK+22, OH94, OPG+10, OvdSN94, POS+07, PRTC13, PAB+21,
PLEF+23, PSA+19, PBBH+22, PNF+21, PGG+22, RSW+23, RLGC10,
RFC+15, RG94, SGF+19, SCD+07, SSL08, SHC+06, SHC+07, SPK+22,
Tan99, TCF+18, THM+14, VFS+15, WPH+10, YBS+01, vdS94a, vdS94b].
**pelagics** [RFS10]. **pelagicus** [SWP+13a]. **PELAGOS** [BC99]. **pelamis**
[KAK+22a, PGS+22]. **PELGAS** [DPR+18]. **pellets**
[RWOA01, Tur15, WYT00]. **pen** [PRA+18]. **penguin** [STEB16]. **Penguins**
[STC10]. **Peninsula**
[FDH20, SVL+23, Peñ24, RK03a, BHA+14, BAOC+07, DCD+23, DSR21,
DHDM22, HWPLvW20, HSH+19, HGH+19, IIM+23, KKB00, LS12, LS13,
LWT+20, MWS+10, RZW+23, TNGP22, WCC+20, YN20, ZHD+20].
**peninsular** [MK12]. **pentadal** [Lev88]. **pentadecadal** [Min00]. **perception**
[JSdSS+21]. **Perciformes** [SM21]. **Performance**
[BTNK13, MAB+11a, HCGK11, RSG06, SHT+01]. **Pergamon**
[Ang79a, Ang80, Ang88, Bak83, Hof81, SW81]. **period** [BM01, FGGDF+04,
GFGGD+23, GIHJ23, GCD97, Hen73, HGBG20, KGB+23, LAA12, NF06,
OEL+14, PPdM+12, Rud15, TFM03, WHIH97, YYhT+17]. **periods**
[CQC15, EMU+23, FMM+20]. **periphyton** [VPM+19]. **permanent**
[MTL05]. **permitting** [KDL+01, WBB+01]. **Persian** [BD85]. **Persistent**
[LNB13, PGY+22, FELJ16, GBC+15, RNL+13]. **Persistently** [WFR07].
**perspective** [BCB+05, BKC15, BBFS19, CEF+13, DLC+08, KPSB22, PL18,
PL01, Pow06, WCB+20b, WPW+14, Zav99]. **Perspectives**
[SM16, CW06, JVJ+17, MHH+15, PHCA17, Was15]. **Perth** [EVM+15].
**pertinent** [BGR+15]. **perturbations** [WWZ19]. **Peru** [TWMY08, ASB+08,
ACHSH08, BW08, BBLD+11, BDT+08, CGG08, CCMS08, CRHM12,
FBM+08, GGPG+19, GRB+08, GEP+08, LGR+02, LPF+18, MS02].
**peruanus** [BWMGCB08]. **Peruvian** [ATT+08, BWMGCB08, BDL08,
BHHS83, EALF08, EB08, FFA09, FVLC+23, GHG+24, GCP08, HLS+14a,
JBB+14, SGO+08, SBG+08, TMÁGC+21, XRC+15]. **Peterson**
[BDB+22, SSB+20b]. **Petrace** [GCLD19]. **petrel** [FDB+21, SWP+13a].
**Petrology** [Nay65]. **Pettersson** [Ano65e, Ano65f]. **PFT** [TSL10]. **pH**
[CVBG21, Rot65, SSTL16]. **Phaeocystis** [SDL+19]. **phase**
[GRS08, HHSR07, IIS+17, MP04, WP91, MRMD+97, NF87]. **phaseoliformis**

[AB90]. **phases** [Kil76]. **phasic** [RNBP+19]. **Phelliactis** [vPRT90]. **Phenological** [WBF+21]. **Phenology** [MI21, MCKS17, AHW+15, CAT+08, DAIS10, KPSB22, LBC+23, LMA+15, MGE+12, NSE+24, OIC+23, THP21]. **phenols** [SMN+14]. **phenomena** [ANMP15, Mit83]. **phenomenon** [DFD23, RV17]. **phenomics** [HHAR23]. **phenoregion** [KPSB22]. **phenotypic** [ACK+13]. **Pheronema** [RTN90, VBJ+20]. **Philinidae** [CES+19]. **Philippine** [lLdZQ+22]. **Philippines** [ZSH+24]. **Phoca** [LAP10, RNL+13]. **Phocoena** [RPRCAG+21]. **Phosichthyidae** [CSM+15]. **phosphatase** [IPG+16, SAM+04]. **phosphate** [CKT+13, LCR+93, MHGGS19, NNM+21]. **Phosphorus** [DBRK17, PKV18, HSK+19, IPG+16, KEV10, McG64, PDD+22, RDD+18, SAM+04, VBA+18]. **photic** [TR99]. **Photoadaptation** [SPH83]. **photographically** [BBMR19]. **photographs** [DHB+21]. **Photoheterotrophy** [EGPM+15]. **photophysiology** [FDE+22]. **Photoreactivity** [BFJ18]. **photosynthesis** [BK19, Epp92, KPSA17, Mor91, SPH83, TŠT+17, TLM+17]. **Photosynthetic** [NHG19, HHMB+09, LCB18]. **phthalate** [PAG+18]. **phycotoxins** [MPTMK22]. **phyllosoma** [WOW+14]. **phylogenetic** [GMBU12]. **phylogenetics** [HCV+20]. **phylogeny** [MSFZ19]. **phylogeography** [MMN12, YTL+19]. **Physical** [ACE+07, BP02, CMF15, FDE+22, Gou85, HVRR15, HFPS+06, KAK+22b, RBD+07, SOS+07, SCD+07, TNS+05, UBB+23, USH15b, WC15, BBE+15, BC91, BHM+15, BKC15, BL02, BHHS83, CBC+06, CW06, CM11, CFM+18, CAB+99, DBC+23, DRVMC+22, DPM+09, DMBHG10, DMF+09, EBW+23, FF83, GL23, HKPV12, Hut95, ILA21, JHM+22, LBSP01, LHC+19, MMGL+07, MHS+20a, MHS+20b, MJA+07, MST+23b, NM17, NMY+14, NYH+22, O'B83, OEL+14, PIS13, PMA+14, PKP14, PMC16, PFHM10, REG+15, RBHLA04, RA15, RCSHW22, SWP+13a, SFK+99, SRAV19, SW22, SNMW10, SDJ14, TAO05, TCF+18, VOJD02a, XC14, ZHD+20, ZDM+20]. **physical-biological** [DRVMC+22]. **physically** [BCB+05]. **physicochemical** [CEF+13]. **Physics** [HAA+14, BDT+08, OELP04, PCK+06, SSI13, SBM+23]. **physiognomies** [HFO90]. **physiological** [GNH19, MSB+23]. **physiologically** [BEP02, Mau10]. **physiology** [BLP+20, LBP+21, MLB+20, RS10, ST03]. **phyto** [GRLS14]. **phyto-** [GRLS14]. **phytodetritus** [BMNW01, NKK03, TAW+15, Tur15, ZCLS20, dWDB+98]. **phytopigments** [FPD+01, WDK+01]. **Phytoplankton** [ÁLC22, CRGA17, CKM+21, DGP+13, HBL+13, JHM+22, LBH+21, Mar03, MIW91, MA12, PWMIM91, RHM+19, VHV+12, Ven12, ZLG17a, ZLG17b, ZLX+20, AJA+22, AW13, AMG+16, AJHC19, BSC+19, BDP+06, BFPS06, BE99, BTS+15b, BGMP03, BPGD+14, BLMR+20, CKB+17, CMC+16, CSS+21, CBM+21, CRPS+15, CBT07, CTI+19, Dag93, DAvD+20, DN07, DLM+12, DNNNN16, DLC+08, ERBV21, FHP83, FEGA+14, Fly03, FPY+16, FDE+22, GBC+00, GdRGC+14, GHL15, GGAA+23, GSPMAI99, GF19, GBB+19, HBV+99, HMX+23, HCAFD+20, HWL+20, HPHL+05,

HBH+17, iIYO+10, JX18, KTH+21, KMMC09, KMS+24, KPSB22, LMS93, LOG+09, LSM+22, LRAE23, LHP+05, LMT+19, LLX+21, MY23, MHGGS19, MCKS17, MHCR+12, NEI+22, NHSP23, NSE+24, NGNV12, NKK+05, OBD+20, PFHM16, PVM+20, PV07, PPY87, PPD+12, RM93, RSMIS03, RBPGJ+20, RGMPR23, RSM+23, RPSC22, iSIS02]. **phytoplankton** [SVL+23, SiSI+02, SSN23, STW+15, SPWH21, SHS+05, TŠT+17, TLM+17, TSFA22, TRMV15, VGM+23, VMN08, VBM21, VMC+19, WFH+22, Wal83, WCC+20, WLL+23, WCS+23, WLM+13, WSH+22, XWL+18, ZWM+15, ZHD+20, ZJZ+21]. **phytoplanktonic** [BFJ18]. **PIC** [LCGH07]. **PICES** [BK08, HMWM00]. **PICES/GLOBEC** [BK08]. **pico** [DDP+00]. **pico-** [DDP+00]. **picoeukaryotic** [CGS23]. **picophytoplankton** [CLX+20, PBD+88]. **Picoplankton** [ZSBL00, BAM+09, TB15, WSC+21]. **picture** [MVV+19]. **pie** [RSB+13]. **piece** [KVNT20, VBA+18]. **Pierre** [BMG+21b]. **Pigment** [MKMF+89, GBC+00, LSM+22, SHS+05]. **pigmented** [FEGA+14]. **pigments** [CMC+16, DN07]. **PII** [SDS22a]. **pilchardus** [BCGN+18, CCHV+21, SNV+18]. **pilot** [HPB+09]. **Pink** [KBF+08, Kli10]. **Pisces** [CSM+15]. **Piscicolidae** [UKK+19]. **piscivorous** [EKB06]. **pit}** [Bak06]. **pitfall** [AM10]. **Pitzer** [FM07]. **Placopecten** [GGJ+10]. **Plain** [BBR+01, HBD+21, HCV+20, IBW+01, VSC01, VPW01, CES+19, SSKA19, BKD+20, BGS+04, RBL90, VDP+01, WDK+01]. **plains** [BHB+19]. **planet** [Bak83]. **planktivorous** [RG94, dSSDS+20]. **Plankton** [AFBT+22, BPA+21, BGMP03, BDE03, FGGDF+04, GMDD+22b, Hau84, Hof10, HFK03, JJS03, LJPGC02, MGC+18, NGLL+22, Peñ03b, AV23, ABT+04, AKH+23, AUE+14, BTNK13, BAOC+09, CDH+13, CWB+22, CNT03, CGS23, Col69, CFML22, CNSHT15, FWH+17, Fra69, Fro93, FDM+13, FG16, GMAGH+17, GMDD+22a, GCD+13, HPB+09, IVT+12, JSHB90, KZD+19, LGK+93, LLGS21, Lon85, LH89, MSMH19, Moh15, MPC12, MCT03, OMR+22, PVC+08, PTF12, PMC16, RMC+15, RWJ+06, SHL13, STF+13, SPSV+20, SS17, TSAM+22, TSL10, TS10, TSBS18, VDDA+08, VR03, WMWR08, WH94, Woo05, WPB05, dB94]. **Planktonic** [CQZ+18, GRdSS+22, HNL14, NYL+17, NFMCS+22, TCF+18, AMEV07, AAM+14, ABSDC07, AOMZ+23, AT07, AHW+15, Bri79, Den03, FTG+11, GMBU12, GGJ+10, GHC+17, JE92, MVN+15, MPM+18, MCGR07, MMF+12, MGH+07, Par65, PAPL15, Peñ03a, RAG+19, SBMB18, STS+12, SJJ+03, SDJ14, SPB93, TFM03, UB10, Wil65, Ang84]. **planning** [LRGV+18]. **Plans** [Mos69]. **plant** [SMM+90]. **plasticity** [KSB+22]. **Plateau** [FMC+15, GIHJ23, MFA+15, PWZ+16]. **plateformes** [Ber65c]. **platform** [KC02, WZC20]. **platforms** [RLP+18]. **platypterus** [RLL+09]. **plausible** [CMF11]. **played** [OKdA+19]. **Pleistocene** [Ban65, BW65, Don65, Emi65, MBP65, Sel65, ST65, Wil65]. **plenary** [Sie88]. **Pleuromamma** [HTG15]. **Pleuroncodes** [GRB+08, YCP+12]. **Pliocene** [BW65, GWGR+19, MBP65, Sel65]. **plumchrus** [MFB+84, FMT15, LGK+93, Mil88]. **plume** [EKB06, HW02, HLS+14b, JX18, Wen88, MSd+16]. **plumes**

[DJW+18, MSd+16, SLM+16, WF17]. **plutonium** [HKY+11]. **Plymouth** [USH15b]. **POC** [LCGH07, LHC+19]. **POEM** [MRMD+97, ÖHÜ89]. **POEM-Phase** [MRMD+97]. **point** [CNBD21, DW02, FWO15]. **poisoning** [CAH+22]. **polaires** [Rou65]. **Polar** [MHA+11, Rud15, BRD+15, BF11, BGL+17, GCD97, HDA+16, KTH+21, KSG+17, Rou65, Rud89, SBH+14, VMH+21, WMB+21, WBA+22, NBR+08, STC10]. **Polcevera** [CLD22, DSC+19, GBB+20]. **Pole** [SLGI+21]. **poleward** [Kos02, SDGVE17]. **Policy** [HSC09, SSB+20b, Val99a, Val99b]. **pollen** [GGE+65, YSY+19]. **Pollock** [PDAM+15, BCB+05, GTS+21, MLPN06, YNM+02]. **pollutants** [LB14, PAF+11]. **pollution** [CC88]. **polychaete** [JP90, LMPB+16, VCSG+01]. **polycyclic** [FTG+18, SGL+17]. **Polycystina** [BC16]. **polymetallic** [BJMP19, BJMP20]. **polymorphism** [Sma10a]. **Polynya** [SDL+19, THM+06, BvdLA+11, Hol00, YLL19, HFO+22]. **polyunsaturated** [KO19, WPB+08, WL16]. **polyxystra** [LDAM+07]. **pompejana** [JP90]. **pool** [GTS+21, HHB+00]. **pools** [ELW06, FGL+23]. **poor** [EAB+23, GAS+22]. **Population** [KSKN21, LS12, AEP+23, AH10, BCGN+18, BAP+22, BB10, DLL+23, DBM17, FRCH15, GGA+16, HMP+13, JLP+20a, JLP+20b, LMS10, LSS+10, LAHI10, MAH+15, Mau10, Reb02, RA15, SIR+07, SSL08, SBFP21, STS+12, SDH+14, SAB+21, SJD10, UB10, WBF+21]. **populations** [ABSDC07, APC+21, ALT10, Bak01, Bak06, BBLD+11, BCT+09, BEP02, CNSHT15, GRLS14, GPC+03, HRSM08, HFW+98, hHRW+05, KQP+17, LSM08, Mau17, MM90, PRTC13, PCR+22, YAK+08]. **Porcupine** [VPW01, BBR+01, BKD+20, BGS+04, HBD+21, HCV+20, IBW+01, RTN90, VSC01, VDP+01, VBJ+20, WDK+01]. **pore** [KGdS+08, PRL+18, Wil65]. **porewater** [SSTL16]. **porpoises** [JHW+14, NHE+13]. **portion** [MG02]. **Portland** [MB07]. **Portugal** [ÁSFP+03, EAL+07, JGO+98, KGdS+08, MLS+15]. **Portuguese** [AJV+02, OVR+02, VOJD02a, VOJD02b]. **POSEIDON** [DEW+97]. **position** [GWM+22, HLTB+17]. **positive** [BBLD+11, HHSR07]. **possibility** [SW65]. **Possible** [AB90, IIS+17, Ber65a, Car98, CS03, Coo65, Cra09, CS04, KMF+20a, KMF+20b, RTN90, RVS+21, SNZ+20, SA97, TKWI08]. **possibly** [ZBY+22]. **Post** [OTNI20, DCL+13b, WMWR08]. **post-glacial** [DCL+13b]. **Post-spring-bloom** [OTNI20]. **postlarval** [VDGGD+22]. **posts** [PMG15]. **Potential** [CALS+23, DVB+18, HSC+16, LRW+15, MLK+09, MMF+12, VMV+23, YZX+23, YWUK15, BM07, CPO+19, DRVMC+22, FH95, Fei03, Fei04, FGL+23, GGT+15, GGQ07, GCG+14, HWLT10, HSN+18, JLRB20, JSLA+21, KV13, LYS+22, LPF+18, MVN+15, MPMFL+23, McD88, MDR20, RASVB+22, RDP+21, Sak86, SBL+23, SJD10, SPB93, TLM+17, WAH+20, WWW+23, ZCA21]. **potentially** [VBJ+20]. **poutassou** [MAFS+22]. **power** [Iwa23, YYhT+17]. **pp** [Ang79a, Ang80, Hof81]. **Pre** [OMS+09, CMS+13, PCSMC12]. **Pre-conditions** [OMS+09]. **pre-recruitment** [CMS+13, PCSMC12]. **precipitation** [MJWK07]. **precision** [MLHE23, TIOM16]. **precursor** [STW+15]. **predation**

[AHSS22, AIA+15, DWFP+19, HSL96, LZF+24, OMR+22, TS10, WBC+22]. **Predator** [PTF10, PTF12, AGD+18, AUE+14, Bak06, DAF+22a, DAF+22b, GPEV20, KM10, LAD+18, LMP22, NBLI20, STEB16, SDO+14, SIB+06]. **predator-driven** [SDO+14]. **Predators** [LM10, Mau10, AHP19, DYO+10, GCG+14, HF10, Jac10, LMS10, SFS+12, SSL08, TSS+12]. **predatory** [SCS+18]. **predict** [QSC+15, SWP+13a]. **Predictability** [BBL+18, JAS+20, OLH+18, TBS+19, WPB05]. **predictable** [KCPM09, STC10]. **predicted** [WST+16]. **Predicting** [CLB+13, LRGV+18, MCD+14, MDB+20, SAY+16, RSMIS03, VSPP14]. **Prediction** [Ste12, FY88, HSS+12, HKK12, JAS+20, NHS+14, PBH+10, RL85, SPV+15, VBL+09, VVV21]. **predictions** [GRLS14, SCHD23]. **Predictive** [BFP+18, BMGN15, PRC+20, PYKF15]. **predictor** [CARBML+22, LPARF+20]. **Preface** [Ano03g, CH07a, RW97, Sea63, SGPdM18, Wyr06, SKHD84, War73]. **preference** [CdD+15]. **preferences** [ARD+03, LAD+18, LSIC12]. **preferred** [RVC+13]. **prehistoric** [DVL+99]. **Preindustrial** [ZCD08, LHW+20]. **prejudice** [MRH+18]. **Preliminary** [LSS+10, ZHSMM14, Ken88, WO85]. **premier** [STGR+23]. **prerecruit** [LLS01]. **Presence** [LAP10, ANMP15, BPSN+21, CSLJ03, DHD+23, LML+23, SPW22]. **Present** [DJG+02, BCD+20, Cai95, CBGC+08, KKK04a, NW87, SBB+14]. **present-day** [Cai95]. **Preservation** [SLG+12, LvIKB07]. **Press** [Ang79a, Ang80, Ang88, Bak83, Hof81, SW81]. **pressure** [BF01, ERT+22, FWL+15, HWB+18, KSK21, LM00, LGZ+20, RPG+18, SV97, ZZPL18]. **pressure-recording** [ZZPL18]. **pressures** [BVJE19, KSE+09]. **prevailing** [TZP+00]. **previous** [Ano65c, Ano65d, Ano69b, Ano73b, Ano85c, Ano86a, Ano87a, Ano89a, Ano92a]. **Prey** [HWL+20, SRT+18, AHGRAL23, AGD+18, AUE+14, BFB+20, BJ90, CCHV+21, Cra09, DRVMC+22, DAF+22a, DAF+22b, GCG+14, HBG+21, HF10, LOBG+10, LPF+18, LRJ+15, PTF10, PTF12, VWDF14, YGL+10]. **prey-predator** [DAF+22a, DAF+22b]. **prey-switching** [VWDF14]. **prey/predator** [AUE+14]. **Priceless** [PG10]. **prices** [PG10]. **pride** [MRH+18]. **Primary** [CCB+20, FFA09, IVT+12, JRW01, KNI+05, MB05, PMK+06, PS08, PTI00, SMM+90, WFH+22, WSG+93, AHGRAL23, AvD15, BBE+15, BTS+15b, BCOL+19, BTJ+17, CKT+13, DAvD+21, Dem09, FEGA+14, GSPMAI99, GF19, HMO+13, HSC+16, JTD+14, JJL+19, KFKO03, KLB+21, KM08, LSH+11, MBP+11, MOS+13, MC15, MZK+23, MSL+07, MST+23b, NHH+23, PAM+88, STS+12, SSN23, SR15, SEW11, SKCP23, TBS+19, TLM+17, TAM+15, VEM+21, WFS+15, XLX+20, ZGZ19, dlGFM+23, vRGW10]. **primer** [Gar03]. **Principal** [YKWF21, KDF97]. **principles** [AV23, LMA+15]. **prior** [FGGDF+04, Rud15, SSM+90b, TSFA22]. **priorities** [FDH20, HSH+19, IPF23]. **priority** [JAS+20]. **prism** [JFG+90, OSH+96]. **pristine** [GHL15, MPN09]. **pro** [CFC+18]. **pro-delta** [CFC+18]. **probabilistic** [AHC+13]. **probability** [HLP+16]. **probe**

[SPH+15b]. **problem** [Cox63, CPC88, KN10, KN11, MFH86]. **problems** [Ang80, Pir87, Sei63, Sva65]. **procedures** [RAB+84]. **process** [QSC+15, ŠPM+22, VMN08]. **process-oriented** [ŠPM+22, VMN08]. **Processes** [IPD14, TvG02, XD96, AHA+16, Ano94c, BP02, BRD+15, BVB88, BPGC+20, BCR+13, CB09, CLA+00, CVHM+18, DJG+02, ESTM+12, FFA09, Fro93, GBC+15, GTS+21, GLS08, HGBG20, HKE+10, HPNDC15, Hut95, IGG+19, JGS90, JST+24, KSK+15, KNS+03, Kit03, KZD+19, LCB18, LGR+02, LC22, LHC+19, LFBP+13, MLL+22, MY23, MHS+20a, MHS+20b, MVN+15, MKM93, MZZ+23, MIH06, ML09, MJA+07, MST+23b, NGLSSG14, NMY+14, NNO+14, OOTA15, ORB+18, PKP14, QCdS+07, RKS01, RGC+01, RLDC+13, RGI05, RHB23, RBHLA04, RAG+19, Rud15, SOS+07, SRAV19, SW22, SSM90a, Soh03, SÖÜ94b, Tho95, TCL+15, UBB+23, USH15b, VPW01, VOJD02a, VPH+12, WHBK05, WH89, XC14, XCH+16, YAI+14, YFY+22, vWMH98, vWM02a]. **processing** [BCLD+17, ZCLS20]. **Prochlorococcus** [RA15]. **prodelta** [PRL+18]. **produced** [KSG+17, KMWF11]. **producers** [LSH+11]. **product** [STW+15, dPCS23]. **Production** [RWOA01, STHM02, AAMB+24, AvD15, BBE+15, BTS+15b, BCOL+19, BLP+20, BD20, BKD+20, BD18, BTJ+17, BPTT19, CKT+13, CRPS+15, CCH+12, CCB+20, Dag93, DAvD+21, Dem09, Epp92, FJA+21, FFA09, FEGA+14, FLDF22, Fro93, GdRGL+01, GGPG+19, GGQ07, GWK17, GSSWK20, GSPMAI99, GF19, HL05, HBL+13, HSG+15, HMO+13, HWL+20, HGH+19, HHW01, HHW22, HSC+16, HVEF09, IVT+12, JTD+14, JSdSS+21, JJL+19, JW01a, JRW01, KFKO03, KLB+21, KON14, KV13, KM08, KPSA17, KC02, LQU07, LCGH07, LLS01, LH89, Lon95, MOS+13, MLK+09, MC15, MZK+23, Mil93b, MIW91, MTK+22, MSL+07, MST+23b, NYL+17, OMR+22, OWR+07, OJB99, OACB+15, PMK+06, PAM+88, PD15, PB94, QLW10, RM93, SCAA07, SMP+22a, STS+12, SJJ+03, SSN23, SR15, SDH+14, SEW11, SMM+90, SE92, SYN+21, TBS+19, TGJT09, TLM+17, TRP+23, TAM+15]. **production** [VCB+00, Ver91, VEM+21, WSG+93, Whe93, WFS+15, XLX+20, YMA+17, YHRT22, YHM+18, ZGZ19, ZHD+20, dlGFM+23]. **production/export** [HGH+19]. **Productive** [MIN+20, CSS+21, CHC+12, DMC+18, LHP+05]. **Productivity** [BHA+14, MDC+07, AHGRAL23, BW08, CMHM18, CQC15, DGP+13, GCV+24, HBV+99, JTQ+18, KTH+21, KNI+05, LT06, LNB13, LdSH+15, MCD+14, MB05, McK08, MMN+24, MJA+07, NHH+23, NGNV12, PS08, PCH+08b, PTI00, RCS+11, RFKC16, RGM01, SGF+19, STF+13, SGO+08, SKCP23, SIB+06, STGR+23, TDGY22, WFH+22, vRGW10]. **products** [YN20, ZD17]. **productus** [FB05]. **PROFAN** [MPTMK22]. **professor** [Bru88, JW01b, SMB88, Sie88]. **profile** [BMGN15]. **Profiles** [LH89, Ang89, ASR+20, Gam14, HKY+11, KPSA17, MMF+17, NKK03, PAF+11, RSMIS03, RMB+01, WOW+14, YYK88]. **profiling** [BOG20, KSK21, KHM+88, TDH+95]. **profondes** [Rot65]. **Prog** [ÁBMÁS15, GFB+15b, KN11, MFS+16a, SE09, VH09a, WF07, Yas07b, dMGS+11b].

**Progr** [BJMP20, FDH20, JLP+20a, KMF+20a, MHS+20a, RBS+20]. **Program** [BK08, AH15, EBD+20, PDV12, Reb02, RG09]. **programme** [Ano17a, BPW10, BR01, RNP+17, ALV+21, AB00, PHCA17]. **programmes** [HM15, OELP04]. **programs** [HMKF08]. **Progress** [Ano94c, BDB+22, BLAM00, CGL+20, Fei04, HHW22, Kru19, LGH+21, OEL+14, RLSF07, RG03a, SDS22a, SHC+07, VHK04, CAT+08, vdS94b, WR03]. **progression** [KMS+24, STW+15]. **Progressive** [RMC+15]. **Project** [WSG+93, APSC11, BN03, Kit03, SJA+23, SGPdM18, TP00, VBL+21, VYGMM+17, vAB96, BC99, Dri11, DP13, NF87]. **Projected** [WO15, ABP+23, SJD10]. **Projecting** [CBOP15, SBM+23, TNGP22, MST+23b]. **projections** [TLH+15, TLP+16]. **projects** [SPK+19]. **prokaryote** [CQZ+18, LQU07]. **prokaryotes** [GLAHH+22, RCC+18]. **prokaryotic** [CRC+19, GASV+09, ORMR+19, RPG+18]. **prolonged** [HZD+23]. **promotes** [WCC+20]. **promoting** [ZJZ+21]. **promotion** [KSC10]. **pronounced** [RS10]. **propagating** [UKM+14]. **Propagation** [KAG+19, ZKT88, BPSGP+23, His22, Oll15, RKS01]. **Proper** [Sud86]. **Properties** [BNCC15, Kat18, AGS10, BDB+04, BCR+13, CTMV+14, CR20, GCS91, HGD22, HMX+23, JZZY24, JSKM02, KF11, KMU+12, LF12, LC10, McD81a, MVC+11, Mit91, NF06, NBLI20, NIF+15, PM22, PFW15, SHP+23, SW92, SRG+19, TII+14, TTL+04, WMB+18, WST+16, YNM+02]. **property** [GJ00, HHMB+09, McK08]. **Proportion** [WLL+23]. **proposed** [WGCS13]. **prospect** [CLdPHL23]. **Prospects** [CSS+19, ALG+21]. **protected** [EAB+23, JSLA+21]. **protection** [BDE03]. **proteins** [YT06]. **protist** [CQZ+18, GRdSS+22, MGA+23, ZPC+16]. **Protista** [BC16]. **protobranch** [AS96]. **Protozoa** [Gif93, Mae88, TSFA22]. **protozooplankton** [SSV+11]. **provenance** [GGE+65, PGT+13, YSY+19]. **provide** [ALM+23, GBT+19]. **provides** [EB08]. **Providing** [dLLdAWL+23]. **Province** [CLG+22, SQJ+17, MPTMK22]. **provinces** [HRA00, LJM+16, MRW+14, SW21]. **provisioning** [KGJ+10]. **proxies** [CLV+19, MDL+12]. **proxy** [FPJ+15, GEPC15, SOH21]. **Pseudo** [PTPY+23, VSPP14]. **Pseudo-nitzschia** [PTPY+23, VSPP14]. **Pseudocalanus** [HLPL05, LPHL+05a, PLHLF05]. **Pseudoikedella** [GS19]. **Pseudostichopus** [RMB+01]. **Pseudotanaidae** [JPB20]. **PSP** [CAH+22]. **Psychropotes** [GKR20, RMB+01]. **Psychropotidae** [GKR20]. **pteropod** [JMZ23, MLB+20]. **Pteropods** [BHK+16, HPH+08, KCBS20, LS13, AOMZ+23, BGWP+17]. **Pu** [GPA+11]. **publication** [Ano13h, Ano13i, Ano13j, Ano13k, Ano14a, Ano14b, Ano14c, Ano14d, Ano14e, Ano14f, Ano14g, Ano14h, Ano14i, Ano14j, Ano14k, Ano15a, Ano15b, Ano15c, Ano15d, Ano15e, Ano15f, Ano15g, Ano15h, Ano15i, Ano15j, Ano15k, Ano15l, Ano16a, Ano16b, Ano16c, Ano16d, Ano16e, Ano16f, Ano16g, Ano16h, Ano16i, Ano16j, Ano17b, Ano17c, Ano17d]. **Publisher** [Ano07s, Ano08x, Ano19o]. **Publisher's** [Ano03i, Ano03h]. **Puffinus** [SSB14]. **Puget** [CCS+21, SKGS20]. **Pulley** [KAK+22b]. **Pulmo**

[VDGGD+22]. **pump** [CLCBB19, FZY+23, GDI+09, HMKF08, HKE+10, HAH+22, LRW+15, LH89, RGI05, RGE22, Tur15, XYGJ23, SHK+14]. **pumping** [HZCZ16, HNR+17]. **purposeful** [HHP06]. **Puyuhuapi** [SPSR+14]. **pycnocline** [SASH08]. **pyramid** [XYK+22]. **pyrenees** [Bou65]. **Pyrosoma** [OBD+20].

**quadrangularis** [PRA+18]. **qualitative** [WHBW03]. **quality** [BMG+21b, CLSP17, CLSD18, KS06, LSH+11, MFDH22, NRA+21, SJJ+03, ZD17]. **quantification** [dCFK17]. **Quantifying** [IHR18, NRA17, SL13, BCG+08]. **Quantitative** [NNO+14, BTNK13, FAAV+15, KHS+14, RSMIS03]. **quantities** [Nee85]. **quantity** [CLSD18, LSH+11]. **Quasi** [SGMP15, Mol22, dSPF+23]. **quasi-decadal** [Mol22]. **quasi-stationary** [dSPF+23]. **Quasi-synoptic** [SGMP15]. **Quaternary** [Hay65, HK65, Sai65, Con87]. **Questioning** [AHW+15]. **questions** [FAB+09]. **quick** [RKS01]. **quiescent** [VBAC+21]. **quiscent** [WP91]. **quotas** [BPA+21].

**R** [Ang88, SKF20]. **R/V** [SKF20]. **Ra** [IHT+21, LvBS+24]. **Radar** [VOT+99, BBM+14, Ric94, Pra91]. **RADIALES** [VBL+21]. **radiated** [CGW+22]. **radiation** [HYM+12]. **radiocarbon** [KMWF11]. **Radiolaria** [BC16]. **Radiolarians** [Coo65]. **Radionuclide** [WJE+92]. **radiotracers** [LPA+11]. **radium** [LCJ+17, WST+21]. **RADMED** [VYGMM+17]. **Radon** [CB06, OP18]. **Radon-222** [CB06]. **raised** [SCS87]. **Random** [RCGC+16]. **range** [ABSDC07, ALT10, BK19, DOP87, DEW+97, ESTM+12, HTG15, NRA+21, OBD+20, VDS+18]. **Rapid** [Bel09, EFC+23, KRHS14, ORPRGIS22, RCC+18, SCHBC+22, MHVS19, Was11, ZWM+15, ZCLS20]. **rapidly** [BHM+15]. **Rare** [GSPP+20, EAB+23]. **raschii** [MPSD15]. **rate** [Hey78, HTdM+15, PPSV+18, Tur65]. **Rates** [KB65, ÁSÁB+14, ARDP14, BS95, CBHL07, CRC+19, FCEZ10, GvOS+08, HL05, HHMB+09, HF10, KKS+03, KBF+08, Kli10, KSY+19, KSKN21, LS12, OTNI20, PTF10, PTF12, PD15, PZA+15, SCMAR+99, SIR+07, SKSK06, STHM02, VEM+21, Whe93]. **ratio** [SS03, Soh03]. **rationale** [KNS+03]. **ratios** [ÁSÁB+14, BPA+21, CPPPEAG22, DAF+22a, DAF+22b, IVR+13, KSS+23, KG65, KAAK+16, LDD+22, NKK+05, NAH+21, YAI+14]. **ray** [RHB23]. **Re** [YYT+14, MB01, McK08, PMG15, VPH+12, ZLR+07]. **re-** [PMG15]. **re-analysis** [McK08]. **Re-evaluation** [YYT+14, VPH+12, ZLR+07]. **re-occurrence** [MB01]. **reach** [CFM+18]. **real** [AIA+15, CP83, QSC+15, TGR05]. **real-time** [AIA+15, CP83]. **realism** [Fly03]. **realities** [Val99a]. **Realized** [XWL+18, ZLX+20]. **really** [UAM05]. **reanalyses** [AASJ23, CTKF+23]. **Reanalysis** [HNL14, ASJ+23, BBC+22, CMG15, SOB+08, SCC14, SKCP23, TMH+16, WLM+22, YN20]. **rebuilding** [KN10, KN11]. **Recirculating** [McC92]. **recirculation** [Hog85]. **recognition** [CM11, HMRB+03, Kaw98]. **recognize** [KV18]. **REcoM2** [SKWWGV18]. **Recommendations** [HM15, RRLS22, SPK+19]. **reconciliation** [GCP08].

**Reconciling** [OMS+15, Ste04]. **reconstruct** [RCD+94]. **reconstructing** [RD11]. **reconstruction** [FAAV+15]. **reconstructions** [VBL04, WM13]. **Record** [PVG+20, BDB+04, Bol94, BC19, BHK+19, DLD+19, Emi65, GHSC19, LHE+13, RN02, Sha82, SGO+08, VOG+08]. **Record-breaking** [PVG+20]. **recorded** [UKK+19]. **Recorder** [BGMP03, BDE03, HFK03, JJS03, BTNK13, RWJ+06, WH94]. **recorders** [RCM+03]. **recording** [Dah69, PMFNGQ21, ZZPL18]. **records** [ALG+21, BB65, CGG08, HHWW20, MDL+12, RvBD+22, TAF+22, UGY+22, UCB+18, WMWR08]. **recoverability** [Dol09]. **recovery** [MMD+16, NMC+09, PBBH+22, dJSL+20]. **recreational** [JOGM+10]. **recruit** [IFC+07]. **Recruitment** [BCB+05, CGV13b, HSGJ23, SEG+22b, VPH+12, ZK06, BGL+17, CDTM+21, CMS+13, FARRL+13, GSM+17, GEPC15, HMRB+03, HLS+14a, HCGK11, IIM+23, KKKY10, MHTG10, MHS+09, MKSvA+22, MAFS+22, NGPH10, OACB+15, OAWAN18, PCSMC12, RKC+10, Tit20, TIOM16, VCSG+01, WHI+02, XRC+15, ZL01]. **recruits** [OACB+15]. **rectified** [YYhT+17]. **recurrence** [ATS01]. **Recurrent** [VKT15]. **Recycling** [LHEB98, CRC+19, RWD01]. **red** [AHRT90, WWL+22, BF12, KAAK+16, KZD+19, Men21]. **redefinition** [SCLS10]. **redescription** [Mil88]. **Redfield** [Fly10]. **Redfieldian** [MHGGS19, FCMCÁS19]. **redistribution** [SAH+21]. **redox** [DYL+15, KGdS+08, SGO+08]. **reduce** [RSK+23]. **reduced** [DWFP+19, MSV+14]. **reducing** [CDB+24]. **reductase** [GGPG+19]. **reduction** [ONR+14, WSO+13]. **Reef** [BMM97, BECR+22, CPPPEAG22, CALS+23, CLG+22, CKL+14, NYL+17, ROBRB+22, RHB23, VGJ+19, YW22, BECR+22]. **reefed** [RLP+18]. **reefs** [FSAO22, KAK+22b, MP04, WFJ+15, WLP+21]. **Reevaluation** [RK20]. **reference** [Dol09, KDB95, MWFH02, NMN08, SYN+21, TR99, Ver91, WFH+22]. **refinements** [MCKS17]. **reflect** [CLV+19, GLAHH+22, KBF+08, PGY+22]. **reflected** [PG10]. **reflection** [LCZ+24]. **refs** [Bak83]. **refuge** [BF11]. **regeneration** [FUOG+16, FFA09]. **Regime** [AN04, BHAJ12, CRS04, CS04, RS04, Ste04, WZ04, ANH21, AAMB+24, Bea04, BDC+08, CAT+08, CHB02, Dri06, FC07, FAH+13, FPS+13, HM00a, HMWM00, INI+17, IIM+23, iIRM+15, KFKO03, KJZ+12, KFG+03, Law04, LM14, LHF+16, Man04, MS00, MFY+86, ORMB08, PM13, Qiu15, SvN04, SKH00, SKT01, TOKLC08, TKW06, TKWI08, VBL04, WXH07, YTNK00, ZLKO00, dHA+04]. **Regime-shifts** [BHAJ12]. **Regimes** [BBSN04, AIHB+07, AVS23, BDTC15, FJA+21, HSK+19, LdSH+15, MB01, Pow06, ZHF+24]. **Region** [INI+17, Ang79b, BHA+14, BAT+98, Ber65b, BB14, BHAJ12, CLV+19, CGMP14, Dav85, DL69, DIQJ21, FPIJ85, GMAMB04, GDSCU09, HSMLDC+22, HE07, hHRW+05, IMM+22, iIYO+10, LJPGC02, LvBS+24, LMC+20, LSW02, MPV12, MSA+22, MTK+22, NNM+21, OTNI20, PMC21, PHC+19, RCGC+16, RBR+23, ST03, SOB+08, SDGVE17, SGMP15, SBH+14, SJM+19, TKSI08, TKW06, VVV21, WBD+15, ZHD+20, ZBRJ23,

ZHBW01, FMCG15]. **Regional** [DMBB02, GZCL23, HVTV22, KJZ+12, LHC+21, MZGA+20, RLR+18, SIR+07, ABÁS+09, BGV+23, CB17, DBC+23, DRE+08, FP15, HHDS02, Hof81, HSC+16, HDB13, LPF23, Mac98, MB20, MEMC05, NGPH10, RCS+11, SOA+23, TAM+15, WSL20, YRKC08, MAB+11c, MAB+11a, MAB+11b]. **Regional-scale** [HVTV22]. **Regionalisation** [AIA+18]. **regionalism** [KPM+23]. **Regions** [ALV+21, AP20, BEP02, BBL+18, BBRM20, DMF+09, DBRK17, ESTM13, FYYC05, Lav09, MKOLA20, O'B83, RGB+17, Rou65, RAG+19, SCB+16, VBAC+21, WMC+89, WWL+22]. **regularities** [PMA+14]. **regularly** [Nof96]. **regulate** [Mau17]. **Regulating** [NF87, Fro93]. **Regulation** [SC23, BM01, HBL+13, HCGK11, KSC10, MC15, OWR+07, Tit20]. **regulations** [HLSX22]. **regulators** [Law04]. **related** [AQVB+10, AHRT90, BLES16, CMF+09, CW02, CP02, FTC+16, GSV+01, GdRGL+01, IPG+16, Mit83, MR03, Nag01, OELP04, PCH08a, Pir87, RR01, SSTL16, UAM05, WXH07]. **relatedness** [BLES16]. **relates** [DBC+23, LLAPG+22]. **Relating** [DBR03, HMRB+03, Bri79, Leg91]. **Relation** [MNT14, ARG11, AE09, BCOL+19, BGB+08, BDBJ01, BMG+19, BDC+08, DDE+95, FMH02, HPC+20, HGD22, HHY03, KON14, MIW91, NMLBCM+01, NM17, PC87, PD15, PLHLF05, RBPGJ+20, STC10, SKSK06, TZP+00, VDGGD+22, YSS14, YN03a]. **relations** [Don94, HFW+98]. **Relationship** [EKB06, SCB+09, WLKM10, YFK21, BCGN+18, CPG08, DBC+18, hHCK01, IL20, LSF+17, MSC+15, RD03, SAM+04, Sel65, SBG+08, XYGJ23, ZHBW01]. **Relationships** [MM90, PCC+19, RFFL21, DTOD00, EHG+12, JJA+08, LOG+09, LOBG+10, MHTG10, MDAW+19, PPHM18, PGGG17, SPC+23, Wai21, WZFW16, ZL01]. **Relative** [EBR+14, ADV+18, DCM16, JF13, KSE+09, MLB+20, MWFH02, NCC+15]. **relaxation** [DRVMC+22, TFM03]. **Release** [OB98, IOGS13, JOGM+10, TNS+05]. **released** [MK86]. **relevance** [Dav99, SCPN15]. **relevant** [FACM+23, FEGA+14, MCMT+17]. **Reliability** [Kvi69]. **Remarks** [Koc65a, OE65, SCLS10, Car97b, GM19, Kam19, Ola65b]. **remediate** [GGT+15]. **remineralisation** [BHHR15]. **remineralization** [FCMCÁS19, SLOP+22]. **remineralized** [PRL+18]. **remobilization** [PPSVC+13]. **RemoTe** [JST+24, GEP+08, SMGL01, ARD+03, BBE+15, BPGD+14, BGR+15, BTJ+17, KY14, KPSB17, KC02, McK15, RHB23, iSIS02, Tho87, WMB+18, dlGFM+23]. **remote-sensing** [McK15]. **Remotely** [UKM+14, CTMV+14, HMO+13, XLX+20]. **remotely-sensed** [CTMV+14]. **removal** [SGL+18]. **renewal** [APC+21, LEDR+22, Tit20]. **Reorganization** [KLC+15, CHB02, RMC+15]. **reorganizations** [BDT+08]. **repeat** [CNBD21, MDR22]. **replanting** [AR18]. **replete** [AIHB+07]. **report** [Ano94k, KMOM88]. **representation** [FW91, MST+23b]. **representative** [AM19, SS69]. **representativeness** [Web69]. **representativity** [Kvi69].

**representing** [GLH13]. **Reprint** [DAF+22b, PBB+12b]. **reproducibility** [ŠGM+18]. **Reproduction** [HLPL05, IMHL07, vPRT90, BFB+20, DWFP+19, HGBG20, PMH17, PCH08a, SIB+06, WPB+08]. **Reproductive** [FARRL+13, PHLL05, BWMGCB08, BCL+09, CÁM06, HWBT03, LS12, Nie07, SS03, SHT+01, YFY+22]. **requirements** [AHGRAL23, BMG13]. **Research** [FDH20, HSH+19, MP13, MS15, ACHSH08, BPW10, CL03, EAL+07, MRH+18, MDGC+12, Moh15, PAB+21, PHKS17, Val99a, Wüs64, ALV+21, Ang88]. **reserve** [ROBRB+22]. **reserves** [CNT+19]. **reservoir** [SLBR18]. **reshape** [ZCA21]. **residence** [CSMGS19, WST+21, WJE+92]. **residual** [PL89, Yux88]. **residuals** [SL13]. **resilience** [CARBML+22, HSMLDC+22, MDGC+12, ROBRB+22]. **resilient** [MCB+10]. **Resistance** [JP90, CARBML+22]. **resistant** [PCD+18]. **Resolution** [SPC+23, APC13, APN+15, ASJ+23, AASJ23, BMC05, CN22, CGZ+16, Ché14, CNBD21, DRE+08, DPF+20, FACM+23, FAAV+15, GWS+23, KM08, MFDH22, MRW+14, RMK+21, SKWWGV18, SMP+22a, SCC14, SVIA14, dPCS23, vHMDL14]. **resolved** [PO15]. **Resolving** [CMS+13, SOB+08]. **resonant** [SMFM+21]. **resource** [IS19, LFG10, LIH+12, OMR+22, VMC+19]. **resources** [CWS+21, GMR+23, PHKS01, Ric01, SKT01, TSH+17, ZLKO00, ZLS+04, SAB+22]. **respiration** [AE09, GMAGH+17, GMDD+22b, GMDD+22a, HLCdP19, PG13, YHLA+04, ZKK+16]. **respiratory** [AGL+15]. **respond** [LG23]. **Responding** [JBH20]. **Response** [BBB+14, CPC+15, HVRR15, LFI+13, ANMP15, ABD+17, AC85, BVJE19, BLR+23a, BSW86, BDE03, CGC+20, CMHM18, CAB+99, DDDT99, DMD+00, ESA+13, GCCY+14, GFGGD+23, GEP+08, iIRM+15, JHM+22, KJZ+12, LJPGC02, Let87, LO21, LH08, MMES16, MOSN+13, MH14, MSB+23, MPC12, Peñ03a, PTZ+23, PSM+22, RCC+18, RKM+07, RN02, SDP+22, SFMT12, Sch83, SS17, VWDF14, VMV+23, WWW+23, WHI+02, WDK+01]. **Responses** [FB05, MST+23a, QLW10, RK03a, SSH+05, SHS+05, TKK+05, gWjNfLyD20, YAK13, AJA+22, AFBT+22, BTS22, BAP+22, CLMR23, CNBD21, DFC+21, DCL+13a, EHFD12, FMM+20, FDB+21, Fro05, FYYC05, GLY23, GPC+03, HMX+23, HGB+21, HWF+21, JSA+08, JYK+14, LG22, MCB+10, MBD+09, PCR+22, dSSDS+20, SSW+09, TAW+15, TSNO05, VSGD21, YAK+08, YYK+12, dMGS+11b, dMGS+11a]. **result** [KCPM09]. **resulting** [NP00, VTGC19]. **Results** [AUE+14, BBM+14, CGZ+16, FRK+09, HHP06, LFCSV+13, LGG18, MGF+13, RDL+91, RF17, SWP+13b, ZHF+24, ABM+05, ÁBMÁS14, ÁBMÁS15, CCM+13, CMG15, GAM98a, GA00, HNL14, JLS+22, Kag97, KNS+03, KY14, MR03, WO85, NCH+07, ÖHÜ89, SGLF+13]. **resuspension** [KYT+16, VSC01]. **retention** [BEP02, CKL+14, MMIB10, MCMT+17, RKCH15, RWOA01, YCP+12]. **retentive** [SMR+20]. **Rethinking** [CLSP17]. **retreat** [MOSN+13, WC15]. **retrieving** [WMB+18]. **Retrospective** [CHB02, CAT+08, PZA+15]. **retroversa** [MLB+20]. **returning** [CCS+21]. **reveal** [BD18, CNBD21, DOS+18, GIC20, HLP+16, HCV+20, LAGM+23, OMK+22,

SGF+19, SDO+14, TSAM+22, VGJ+19]. **revealed** [BLP+20, BDL08, BMC+10, FFT+18, HLK13, HFO+22, HHZ+22, JM19, LSM+22, MMF+17, MZZ+23, OYKK+23, PHD+18, SHC+06, SHC+07, SKCP23, TM13, TMH+16, VOT+99, WST+21, XLX+20, YHZ+22, YAI+14]. **reveals** [AGD+18, KSB+22, MFDH22, MDR20, MJD+21, PMM+23, SRT+18, VMB+22a]. **reversal** [Emi65, gWjNfLyD20]. **Review** [AMFY20, Ang79a, Ang80, Ang88, Bak83, BHK+19, Dri11, Hof81, LCANAS+07, MR03, SW81, UBB+23, AALM06, Arb22, ACHSH08, BPF06, BRD+15, BPGD+14, CTL+04, Cow05, DPB06, DMF+09, FÁFL06, FT06, FL06, FK99, GCV+24, Gri22, GC14, Igu04, Kes06, KDB95, KPSB17, Kun03, LR07, LRNK99, LFA+06, LCB18, LNB13, LB14, Man04, MPMA13, McK15, MNM06, MHH+15, MB07, MMN+24, NXY15, POS+07, PMK+06, RBF+09, RMHL09, SJA+23, Sim81, SPH+15a, Sol00, TDH+95, VH09a, VH09b, VNH+23, WF06, WF07, WBA+22, WLL06]. **Reviewer** [Ano08y]. **Revised** [MC88]. **revisited** [BMM01, Fei93, HLP+16, HNL14]. **Revisiting** [CSC+12, EB08, ORCH+19]. **Revisits** [KMWF11]. **reworking** [SvWRvB02]. **Rhône** [CFC+18, MBdM+18]. **Rhone** [PAG+18, PRL+18, SCCJ+18]. **Ria** [BLT+15]. **rias** [VSPP14]. **Rica** [SDS+22b]. **Rice** [Bil01]. **rich** [IG19, SRT+18, TRLA+13]. **richness** [BJMP19, BJMP20, CC23, JM19, JPBB20, MB20]. **Ricker** [McK08]. **Ridge** [RCB+20, LvBS+24, CSR90, CSM+15, KAK+22b, MPM+18, SF85, VMB+22a]. **ridley** [CdTH+16]. **Right** [CPO+19, BMG+21a, GC09, LBC+23]. **ring** [Ban96]. **ringed** [CQC15]. **ringens** [BDL08, CGC+20, EB08, FVLC+23, GRB+08, PCSMC12, PVA24, SAY+16, YPGE+10]. **rings** [Nof96, PM22]. **Rio** [FBT+22]. **RiOMar** [XLX+20]. **Rise** [BDC+08, FBT+22, Har05a, BHE+98, EFC+23, HHWW20, KY23, Let87, MVS08, NF87, Tho87, HKE+10]. **risk** [KFC+13, MPMFL+23, MCL+15]. **Risso** [SCB+09]. **River** [BJ90, Ham90, JS90, JGS90, JSHB90, LSV14, LZG20, LDMH09, SJH+90, SC90, SSM90a, SMM+90, WL16, ZLR+07, ZDG+21, AJHC19, CPPPEAG22, HVRR15, HW02, HLS+14b, IVT+12, LCJ+17, Pra04, SLM+16, WF17, XLX+20, EKB06, FMWW14, GdRGC+14, Ken88, LYZ16, McK08, MI21, MSd+16, PAG+18, PRL+18, SMN+14, SCCJ+18, SSM+90b, SEO13, YAI+14]. **River-dominated** [ZDG+21, XLX+20]. **river-influenced** [IVT+12]. **Riverine** [OAD22, SVHM+13, BFJ18, SLBR18, CWW15]. **rivers** [PBB+20]. **Rn** [Gam14]. **Robert** [WR03]. **Roberts** [SEO13]. **robusta** [vPRT90]. **rochei** [KTIT22]. **rock** [LDAM+07, WOW+14]. **Rockall** [DDCE+23, GD85]. **rockwalls** [CHG+18]. **rocky** [BWB+09, Con87, FSAO22, WLP+21]. **ROFI** [MBdM+18]. **Roland** [JW01b, vWM02b]. **Role** [CPG+18, FK86, Iwa23, JJL+19, LZL+22, SRAV19, AFBT+22, ABC+99, AHW+15, Ber65a, CRT+22, CNSHT15, DP18, DTKvH15, FRCH15, GCG+14, GCD+99, HZCZ16, HGH+19, Hut95, IAN13, KYT+16, KSC10, LDHW20, Mar03, MTC14, NJCD01, OOTA15, OKdA+19, PHK+17, RBE+12, SGF+19, SBD01, SBBV04, SDS+22b, TCN20, TSAM+22, TR99,

TWAL+11, TSH+17, TCF+18, TPTM23, TCL+15, Val99b, VMN08, VMC+19, WSS15, XDG+23, YS15, Yos80]. **Roles** [MY23, NNM+21, EBM+20, KST03, NCC+15, Sie88]. **ROMS** [MAB+11c, MAB+11a, MAB+11b, NDEG22, ZCH+17]. **ROMS-CoSiNE** [ZCH+17]. **ropes** [IST+88]. **rose** [SCB+09]. **Ross** [PHC+19, SK18, SAT+22, ZPC+16]. **Rossby** [ABS+20, CSLJ03, Ham09, Tho77]. **rotating** [FHL+24, Sak86]. **rotation** [CR97]. **round** [DHD+23, LFCSV+13, LPARF+20, MGF+13, Woo18]. **route** [AG22, TSL10]. **rule** [JPM+08]. **rule-based** [JPM+08]. **Run** [KAH+16, HMX+23]. **runoff** [HVRR15, SGO+08]. **Russian** [Ang79a, EBD+20, Mar20, OT19]. **Ryukyu** [KKKS14, TMH+16].

**S** [Ang80, Dea85, PSP+21, APHGC+22, BHC+18, BM07, CPNL07, CFG07, CF12, EM12, FC07, GMAGH+17, GBC+00, GMAB07, GCD+13, HGT16, HGTP+19, HYM+12, JTD+14, MBKS08, MSL+07, MDL+12, MSV+14, MCGS+16, PMA+14, PTPY+23, QOS+22, RBL+19, RKFD07, SLG+12, SJM+19, TSRF14, VSGC21, ZHSMM14, dSPF+23]. **S-50**$^o$ [RKFD07]. **S-54**$^o$ [QOS+22]. **S.** [KLP+17]. **s.s** [GBG05]. **S.W.** [JGO+98]. **S0079** [SDS22a]. **S0079-6611** [SDS22a]. **Saanich** [TSC03]. **sablefish** [KMB01]. **sac** [SMPC+12]. **SADCP** [CGD+22]. **Sado** [JGO+98]. **safe** [SGL+18]. **saffron** [VMH+21]. **Sagami** [KFKO03, KKS+03, KNS+03, Kit03, MLD+03, NMK+03, NKK03, NMN08, SMN+13, SS03, Soh03, TMN+12]. **sagax** [DBR03, EBvdL+09, FELMGM+22, NMLBCM+01, ORPRGIS22, PVA24, YPGE+10]. **Sagitta** [FB05]. **Saharan** [LGG18]. **saida** [BF11, KSG+17, VMH+21]. **Sailfish** [RLL+09]. **sailing** [SSB14]. **Saint** [BMG+21b]. **Saint-Pierre-et-Miquelon** [BMG+21b]. **saira** [OOTA15, WCS+23, XYL+22]. **saison** [Ber65b]. **Sakhalin** [Nag01]. **saline** [NBHM01]. **salinities** [NPO+19, PVG+20]. **Salinity** [ANH21, BLAM98, BLAM00, DMML88, Leg91, USH15a, AR18, ATS01, APP21, Cox63, CGB07, Don94, ED82, FM07, Ham90, HHSR07, KKNT23, KC15, KSK21, Lav09, LSXT01, Mid69, MKS+22, MJWK07, NRA17, RCD+94, RKFD07, RG09, SDGVE17, SMKK21, SD07, Tom81b, UKM+14, VYGMM+17, Yao88, Yu23]. **salinity-depth** [ED82]. **Salish** [NHSP23, NHE+13, RNL+13, SOA+23, WHK23]. **Salmon** [DIQJ21, AHC+13, BM01, BL02, CCS+21, FMM+20, IOGS13, IHY+01, IAFD02, KBF+08, Kli10, McK08, MI21, SF02, SKSK06, Wai21, YWUK15]. **salmonids** [EKB06]. **Salpa** [GBH+20, LS12]. **salps** [IMM+22]. **salt** [EMK+17, Kun03, Sch03, SAH+21, YN03b]. **salt-finger** [YN03b]. **salt-fingering** [Kun03]. **salty** [War06]. **sampler** [SPH+15b]. **samplers** [Hop64]. **samples** [LB20, Soh03, TCL20]. **Sampling** [WH94, BCF+03, JJS03, JPBB20, LPA+11, MGF+13, MSA+22, Mol04, Reb02, RAB+84, SPC+23, SFAD+90, SWP+13b, SVIA14, TIOM16, VLUC+07, WZBK+21, ZNR+24]. **sampling-gear** [Reb02]. **San** [Hic92, WJE+92, Gor92]. **sand** [LTSG13, RHBS13, Sei63]. **sand-bank** [LTSG13]. **sand-transport** [Sei63].

**sandbank** [PC87]. **Sandy** [LC22]. **Santa** [AHW99, CJ92, Gor92, Hic92, LPA92, SPB+02, SC23, SE92, VK92, WRS+92, WJE+92]. **santolla** [BMN19]. **SAR** [VOT+99]. **Sardina** [BCGN+18, CCHV+21, SNV+18]. **Sardine** [BSC+07, SNV+18, BCT+09, BCGN+18, CCHV+21, CCM+14, DBR03, DPGC14, EBvdL+09, FELMGM+22, FRCH15, GSM+17, GCD+18, HMRB+03, HLS+14a, KYS+17, LLS01, MRBS+24, MPB+23, NMLBCM+01, ORPRGIS22, PVA24, Qiu15, RFC+15, SKH+23, SGWF+19, SYB+15, SBG+08, TOKLC08, VOG+08, VDB+20, YPGE+10]. **sardinella** [LPARF+20, DPGC14, SNR+10, TCF+18]. **sardines** [APC+12, MB01]. **Sardinops** [DBR03, EBvdL+09, FELMGM+22, NMLBCM+01, ORPRGIS22, PVA24, YPGE+10]. **Sargasso** [PPCWJ18]. **Sargassum** [JLP+20a, JLP+20b, PGG+22]. **Sarmatian** [Gal17]. **sars** [GS19]. **satelite** [iSIS02]. **Satellite** [HSS+12, SLM+16, SW12, AK97, CED09, CSS+19, FGR+06, GdRGL+01, GA00, HSMLDC+22, HMRA+03, HMRB+03, HZD+23, HMX+23, HHMB+09, KBSB18, LC16, LW13, LLX+21, MBdM+18, MVC+11, OMS+09, OP18, OÁT+05, PLK14, RRS03, RBS+09, SLH+19, SKCP23, SI97, TBS+19, TM13, Tho87, VNMS91, WCX+21, WLM07, WFS+15, WZC20, XYWY23, ZD17]. **Satellite-based** [HSS+12, HMX+23]. **satellite-derived** [HMRB+03, LLX+21, PLK14, SLH+19, ZD17]. **Satellite-measured** [SLM+16]. **satellite-observed** [HZD+23]. **satellite-tracked** [LC16]. **satellites** [KY14]. **saury** [OOTA15, WCS+23, XYL+22]. **SBE** [KSK21]. **scale** [AGD+18, ALM+23, ASB+08, BMK12, BGMP03, BRR+12, CNT+19, CMM+04, CTF07, CGC+20, CSS+19, CS03, CSC+12, CCS+21, CNBD21, DRVMC+22, DIM09, DIQJ21, DTKvH15, FBB+21, GRLS14, GBC+00, GGAA+23, GBC+16, GFB+15b, GFB+15a, GPC+03, GAS+22, HVTV22, HGBG20, HWB+18, IHT+21, IPD14, IMM+22, JLP+20a, JLP+20b, JHW+14, KLB+21, Kaz17, Kli10, LCB18, LMH+13, LSB+17, LSD+18, LBP15, LL21, MCB+90, MBH+23, MSA+22, MHCS+23, MZGA+20, MJA+07, MCH+12, NGLSSG14, NBLI20, OPL+21, PZA+15, RFFL21, RM89, RÁSG+13, RPSC22, SGWF+19, STEB16, SWP+13a, SPC+23, SSL08, SKSK06, SH09, SLPA+20, SDJ14, SJ02c, SJ02b, SMP07, TG05, UB10, VOG+08, VMB+22b, WCX+21, Whi95, YSY+19, YBPS08]. **scales** [BRR+22, BMO12, BMGN15, BGB+08, BBL+18, CIL+23, CMF11, EM12, FSVL10, GKC+14, GCED22, Kra82, MCD+07, MPSS91, OÁT+05, Ric01, SSW+09, Yos80]. **Scaling** [WZFW16, KHS+14, KSKN21]. **scallop** [CZG+21, GGJ+10]. **scanning** [PKA19]. **scarce** [BMN19]. **scattering** [GIC20, PMFNGQ21, PVB23, Peñ24, PO15, PNF+21, SLGI+21, SK91]. **scavenging** [CS89, GPA+11, HS22, HTV+20]. **scenario** [KKKY10, LSS+10, SPF+23, SYB+15, WAH+20]. **Scenarios** [BDT+08, BMG+21a, JBB+14, KHL12, NPO+19, SAd+17, Ste12, TMÁGC+21]. **scheduling** [HBD+18]. **schematic** [Ric08]. **scheme** [SBM91]. **schemes** [BMM97, YGC+21]. **Schoenefeldt** [SDS22a]. **School** [Bak01]. **School-mix** [Bak01]. **Schooling** [BGB+08, ANMP15, Mau17]. **Science**

[PBH+10, BCD+20, CSH+23, Car97b, HBD+21, MCB+10, RW97, SSB+20b, SJP10, CSH+23]. **sciences** [MCG+14]. **Scientific** [ALV+21, SPK+19, Ric01, Val99b, Zav99]. **scleractinian** [ALG+21]. **Sclerochronological** [RvBD+22]. **Scomber** [GiIKX22, TMÁGC+21]. **SCOR** [Ano94k]. **scorpaenid** [ORB+18]. **Scotia** [SCS+18, TSFA22]. **Scotian** [SPH+15a, SZG06]. **Scotland** [ZLZ+17]. **Scott** [GBG05]. **Scottish** [Fra69]. **Screening** [KHL12]. **SE** [GRDS10, LvIKB07, MCGS+16]. **Sea** [AQVB+10, BBM+14, BF12, CJMO87, CSV+07, CLD22, CÁM06, CQZ+18, CLG+22, CEF+13, Den87, Dev87, EMU+23, EHSI12, FGR+06, FCN+19, HBL+13, HMP+13, JYK+14, KK20, KGL22, KKK+04b, KKS+19, KS15, lLdZQ+22, LDHW20, Men21, NHN+21, Par86, PGT+13, PLN+23, Pre86, RCSA01, RN02, SCAA07, SIR+07, SCS+18, STG+18, SMP+22b, SNMW10, SDL+19, TCN20, TPP+00, WGZZ19, XLX+20, XCH+16, YSY+19, YHM+18, Yin88, ZLR+07, ZLC+15, ACB+13, AS20, AP20, ATS01, AS96, AAMB+24, Ano94k, AEPW93, BSC+19, Ban64, BRC+18, BTNK13, BCOL+19, BS90, BBB+21, Bil01, Bla63, BHC+18, BRG+23, BHPC06, BAB+19, BBRM20, Bre06, BGS+04, CDS90, CWZ+20, CKP+20, CDB+22, Car98, CGM+02, CMM+04, CPG08, CMF11, CF20, CJRÁ+13, CdTH+16, CAO+20, CMHM18, CGZ+16, CZG+21, CP19, CPSM20, Con87, CFML22, CFG07, CF12, DWH+14]. **sea** [DTOD00, DWFP+19, Dav85, DBW+22, DOS+18, Dem09, DLD+19, DPCS87, DLD15, DBJ+15, ECGP01, EAB+23, ESA+13, Eri65, FBD18, FARRL+13, FPJ+15, FACM+23, Fly10, FP15, FMCG15, FLUC08, FJH10, FJ19, FWL+15, GMDD+22a, GDL+15, GGJ+10, GBM+01, GDN+18, GMR+23, GM19, GvOSW11, GBB96, GD85, GF19, GVKD+13, GW89, GLLB22, HM90, HKN+14, HMRB+03, Har82, HS22, HJLLN07, HLCdP19, Her97, HT97, HHWW20, HPHW21, Hol00, hHCK01, HCV+20, HWBT03, HAH+22, IAN13, IHT+21, Iwa23, JM19, JP90, JKBH87, JSLA+21, KTN14, KON14, KKNT23, KDL+01, Koc65a, KFC+13, KMS+24, KSG+17, KGB+23, KG65, Kos93, LVGH+15, LSF+17, Let87, LSH+11, LGZ+20, LC22, LB20, LFBP+13, LRJ+15, MSC+15, MBP+11, MGS90, MKD90, MTC12, MGA+23, MEMP15, MST+23a, MHR+10, McK04, MM80, MOSN+13]. **sea** [Mit91, MMN12, MFM85, MM90, MKS+22, MSFZ19, MJD+21, MNFY21, MVS08, Mun69, NNFL21, NO14, NH88a, NF87, NAH+21, NST+23, ONR+14, Ola65b, OE65, OAB+16, OT19, OKdA+19, PPdM+12, PO00, Par63, PPHM18, PRA+18, Pir87, PDD+22, RGC+01, RCC+18, RD11, RCB+20, RBR+23, RSD+90, RCSHW22, SSB20a, SMFM+21, SDGVE17, SW92, ŠVL+15, ŠPM+22, Sha82, SAM+10, SENS13, SSI13, SC65, She65, SKF20, SFAD+90, SOO+14, SWP+13b, SEW11, SMGL01, Soh03, Sok90, SM16, SPN98, SPV+15, SRG+19, STR01, SCS87, TRY+04, TCS15, Tho87, Tho95, TSRF14, TSFA22, TTF+22, Tur65, TSP+13, VKGP+13, VBJ+20, VH09a, VH09b, VTGC19, Wal83, WO15, WLD+15, WGM+24, WBA+22, Web69, WHBW03, WC15, WPW+14, WST+16, Wüs64, XD95, XY20, YIY+04, YNTS22, YHRT22, YLL19, YHZ+22, YPM+10, YN20, YFY+22, YTL+19, YYK+12]. **sea** [YGMR+23, ZLG17a, ZLG17b, Zez90, ZPY+20, ZKK+16, dlPHF+15,

vHCY+20, vPRT90, AEP+23, ANH21, AIHB+07, ACB+13, AHP19, AJA+22, ACE+07, ACL+18, AAMB+24, ABS+20, ALG+21, AOMZ+23, AVS23, ADS+22, AVG+19, AT07, APC+21, BMK12, BSC+19, BPA+21, BTK+99, BNC05, BE99, BRC+18, BAARB05, BPNB90, Bea04, BBB+14, BMB+16, BSF+21, BSÖ+94, BGM+99, BD19, BTG+03, BDG+17, BFJ18, BBL+18, BRG+23, BPSGP+23, BHLU+07, BD18, BDC+08, BPM+14, BLC23, BBF+22, CGL+20, CDL19, CPB+15, CIL+23, CWZ+20, CDDF11, CGV13a, CGV13b, CGM+02, CFM+18, CMJPH+18, CMPNC+22, CBB+22b, CC88, CTL+04, CSW96, CLX+20, CCHV+21, CS03, Cho86, CBM+21, CLG+00, CLA+00, CS18, Cia22, CS16, CD65, CHSB+21, CFML22, CDP14, CHB02, CLL+18, CRC+19, Cow05, CP02, CGD+22, CJG88, DM13, DAvD+20, DSV99, DDE+95]. **Sea**
[DDDT99, DDP+00, DMD+00, DTOD00, DDD+00, DGP+13, DBC+23, DLD+19, DSC+19, DAU22, DVB+18, DZ04, Dol09, DFC+21, Dri11, DCL+13a, DFM+15, DL17, DGH+20, DHL+21, DCS+22, DTW+00, DWC06, DBM17, EMBS13, ERT+22, EBW+23, EFC+23, ESGP17, EGP+18, EBD+20, ESD+21, Eri65, FVA+19, FZY+23, FTC+16, FHP83, FDHT05, FvBA+17, FTG+18, FPY+16, FJ19, FMWW14, GCLD19, Gam14, GHF+21, GCCY+14, GMDD+22b, GSPP+20, GGT+15, GR85, GTB07, GDL+15, GPP22, GCZ+00, GCB+22, GLF+17, GWM+22, GCF+19, GMR+23, GSPMAI99, GBB+20, GFB+15b, GFB+15a, GRS08, GGA+16, GIPG17, GGG+18, GGSM+20, GTS+21, GCD+99, GC14, GLS08, GLLB22, HMTL05, HSG+15, HZD+23, HHY03, HMP+13, HRA+08, Hea12, HLM+13, HvDL+17, HKGH+06, HOY+21b, hHCK01, HPZC21, HHB+00, HTdM+15, HSH97, HLSX22, HHZ+22, HPNDC15, HWF+21, HS02, HMA18, ITM86, Igu04]. **Sea**
[ISM+02, IAFD02, IMW+14, INT14, Iwa23, JJL+19, JZZY24, JFUR20, JMZ23, JMG+13, JCF+23, JMSB+23, JVJ+17, KKK04a, KTN14, KON14, KWI20, KCL+12, KY15, KOT+21, KTIT22, KFC+23, KMS+24, KSB+22, KGB+23, KCBS20, KTB+99, KDB95, KBSB18, KAG+19, KHM+88, KAAK+16, KZD+19, LJM+16, LT06, LDAM+07, LTSG13, LRNK99, LSM+22, LML+23, Li14, LYZ16, LPS+19, LGZ+20, LBH+21, LZL+22, LYS+22, LRS+03, LNB13, LXC+22, LSXT01, LLH+20, LPF+21, LPW+23, LPBM17, LGH+21, LBC+15, LFBP+13, LWY07, LGD+20, LSW02, LDMH09, LBD11, LO85, MXC+21, MLL+22, MY23, MMG+13, MRM+14, MHGGS19, MRSS02, MGG22, MRMD+97, MGKW19, MMIB10, MGA+23, MB05, MZF+08, MPCNC+19, MEST13, MEMP15, MPD+22, MCD+07, MKHO96, MGC+18, MVC+11, Men21, MBB+96, MCGR07, MWJ+08, MZZ+23, MCKS17, MOSN+13, MSGGM18, MFY+86, Mil09, Mil14, Min02, MMG+11, MAFS+22]. **Sea**
[MSS+02, MKM86, MR03, MH14, MKS+22, MWFH02, Mos69, MEMC05, MLPN06, MKMF+89, MMN+24, MJWK07, NRS+19, NNFL21, NDEG22, NTU+14, NO14, NNM+21, NH88a, NXY15, NBG+05, NGLSSG14, NCC+15, NHSP23, NHE+13, NSE+24, NF06, NMY+14, NNO+14, Nof00, NRA17, ONR+14, OELP04, OEL+14, OÁT+05, ORMR+19, OPL+21, ÖÜT93, PIS13,

POS+07, PAG+18, PCD+18, PJS+22, PL18, PDV12, PPSVC+13, PPCWJ18, PDAM+15, PSM+22, PLB+23, PRA+18, PZA+15, PM85, PHC+19, PTG95, PST+02, PST+15, PDD+22, PKV18, PL09, PLP99, PBP+99, PTI00, PGG+22, QLW10, QLY+22, RM93, RKS01, RLDC+13, RCC+18, RDG+21, RCS+11, RBF+09, RGB+17, RKCH15, RDD+18, RTBR+22, RI86, RDC+21, RKM+07, Rog00, RNL+13, RDP+21, SLBR18, iSIS02, SGL+13, SCMAR+99, SVHM+13, SHP+23, SGA+19, SHd13, SN24, SDP+22, SM21, SPG+06]. **Sea** [SPB+12, Seg69, SMP+22a, SBH+14, SMN+14, SOH21, Sek86, Sek88, SCCJ+18, SGPdM18, SFK+99, SRAV19, SSTL16, SGS+23, SW12, SNZ+20, STHM02, SiSI+02, SOO+14, SBPGP+23, SDH+14, SAB+21, SEG+22b, SEG22a, Smi05, SM05, SK18, SAT+22, SIS+14, ŠGM+18, SKP99, SK21, SNMW10, SCT+00, SPB19, SDO+14, SOA+23, SGR+22, Sud86, Suk88, SÖÜ94b, SI97, TFY02, TM13, TII+14, TTL+04, TCDPP+22, TAF+22, TDGY22, TBK+99, TVT+23, TR99, TKW06, TKWI08, Tit20, Tol85a, Tol85b, TCF+18, TZP+00, TPM+00, TCL+15, Tur99, UNN+14, VGM+23, VHV+12, VCB+00, VKDS+18, VKT15, VR03, VJJ+22, VH09a, VH09b, VKJ+23, VBA+18, VBAC+21, VHK03, VHK04, WFH+22, WD94, gWjNfLyD20, WST+21, WLCG23, WFD+07, WYT00, WRH+06, WHT86, WNNI21, WHBK05, WHI+02, WHK23, WGG+08, WHS+23, WL16, WZC20, XWL+18, XDG+23, XHC+20, YYT+14, YIY+04]. **Sea** [YKS+12, YMI88, YNTS22, YNM+02, YLL19, YGC+21, Yao88, YJS86, YJ88, Yas07b, Yas07c, YAI+14, YYK88, YPM+10, Yux88, ZGB+20, Zav99, ZMCD11, ZLS+04, ZGZ19, ZZPL18, ZDG+21, ZK06, ZMW+23, ZDM+20, ZSY+22, ZZWL06, ZSW+22, ZPC+16, dPAJ07, dlGFM+23]. **sea-air** [OKdA+19]. **sea-going** [SWP+13b]. **sea-ice** [BRG+23, DWFP+19, Hol00, KGB+23, LSH+11, MGA+23, TRY+04, WC15, YGMR+23]. **sea-ice-free** [WO15]. **Sea-level** [CJMO87, Den87, Dev87, Con87, DPCS87, JKBH87, Let87, NF87, Pir87, SAM+10, SCS87, Tho87]. **sea-surface** [KKNT23, MFM85, SRG+19]. **sea-to-air** [ZPY+20]. **seabed** [BMNW01, CDB+24, DJW+18, DHB+21]. **Seabight** [RTN90, VBJ+20]. **seabird** [AH10, FDB+21, HGBG20, KFH+15, MCD+14, SWP+13a, SWZS+21, SIB+06, STGR+23]. **seabirds** [BPF06, DWNN04, UGY+22, WMB+21]. **seafloor** [LBK+01, RGPB+23, TDL+17, ZCA21, ZCLS20]. **seafood** [PG10]. **Seaglider** [BKD+20]. **seal** [CQC15, FGS+23, GPEV20, HBG+21]. **Seals** [BHMS09, CdD+15, DMBHG10, FJH10, LVGH+15, LSF+17, LAP10, MSC+15, NRS+19, NBLI20, PHC+19, RNL+13]. **Seamount** [CDL+22, HNSP+19, TDK+16, GPP22]. **seamounts** [ATC+19, HFNG00, PMG15, XWL+22, Gri22]. **SEAPODYM** [HLS+14a, LSM08]. **SEAPODYM-SP** [HLS+14a]. **search** [SF85]. **Seas** [KPM+23, LW13, PO00, BEH19, CAB+18, CTA16, CBOP15, CQC15, DPB06, DJ92, DRD+07, DCL+13a, EAL+07, FBS+18, FSVL10, HBL+13, HOY+21a, HSC+16, HHB+22, IU14, KJZ+12, Leg91, LBP+21, LSH+11, MTC12, MHVS19, NYH+22, Pra97, PB94, PCBA+20, SCC14, SVIA14,

SPWH21, TLH+15, TLP+16, WZFW16, WGZZ19, WTH12, YN20, ZKT88, AHSS22, APC+12, BS95, BGV+23, CM11, CBB+15, CCW+18, FJhT+14, FMCG15, FWL+15, GCFS06, HVRR15, HØ00, HØH+03, HKN+14, HKPV12, JJA+08, KK20, KFH+15, LMW+12, LCJ+17, LC16, LCJ+07, LLX+21, MSC+15, MRO+08, MM01, NBHM01, OMR+22, OACA20, PBB+12a, PBB+12b, RAB+11, SBK+95, Sei63, SH09, SK21, SAH+21, Ste91, SYN+21, SBS90, WMC+89, WDC+11, YS15]. **Seascape** [FG16, PVB23]. **Seascape-level** [FG16]. **seascapes** [KHS+14]. **season** [Ber65b, BF11, CTF07, Ken88, KMSTK23, LOO22, MHCR+12, MA12, SW01, TII+14, WO15]. **Seasonal** [ACB+13, ADS+22, AKH+23, BMK12, BSC+19, BCOL+19, BMC05, BRG+23, BDBJ01, BPM+14, CNT+19, CWZ+20, CDB+22, CGMP14, CÁM06, CVBG21, CLL+18, CFG07, DDD+00, DBW+22, DZ04, DK07, ESD+21, EHG+07, GMDD+22a, GSVB23, GWM+22, GA10, GDSCU09, GSPMAI99, GLLB22, HPC+20, HHB+00, HTdM+15, HDB13, JAS+20, Joh04, KFKO03, KLB+21, KC15, KFH+15, KZD+19, LC12, LC16, LW12, LvIKB07, Lon95, MLB+20, MGA+23, MCGR07, MC15, MH14, NHSP23, PV07, PCM11, PFW15, PDD+22, SMR+20, SCS+18, SvWRvB02, SAB+21, SHC+06, SHC+07, SPV+15, SOA+23, TBS+19, TOiF+12, TRLA+13, VGM+23, VAGMDRS22, VBC+20, WGZZ19, XWW+21, YIY+04, YKS+12, YGC+21, YN20, YBPS08, AC85, BAM+09, BRB+01, BMM01, BHLU+07, CIL+23, CGC+20, CSS+21, CMHM18, CLG+00, CLMR23, DMD+00, DTOD00, DOS+18, DRE+08, DAF+22a, DAF+22b, EALF08, EBW+23]. **seasonal** [EBR+14, FC07, FTSF21, FDHT05, FKZ+15, FCN+19, GR17, GBC+16, GCED22, KSVT00, KP03, KKNT23, KMS+24, KSP+23, KRL+22, LZL+22, LW13, LO85, MT99, MCD+07, MW96, PCSMC12, PJS+22, PD15, PLJR22, PTI00, SKH+23, SSQ19, SSVP00, Sek88, SNZ+20, SPB+02, SBD+07, STW+15, SM16, SJ02c, SJM+19, TSC03, TSH+17, TSP+13, UPPS+21, VAEP24, Ver92, WSL20, WZBK+21, WCN+05, WDK+01, Woo18, XWL+18, XLX+20, XDG+23, ZHF+24, NKK03]. **Seasonal-to-decadal** [KLB+21, MCD+07]. **Seasonal-to-interannual** [JAS+20]. **Seasonality** [AOMZ+23, AVS23, HHK+22, HWBT03, JCF+23, LGZW22, PFHM16, RDC+21, RCSHW22, SHP+23, SAd+17, Ban96, BE99, GGJ+10, JMSB+23, MGE+12, RGC+01, SLBVRR+22, SBE+20, TB15, TMPM+16a, TSS+12, ZBRJ23]. **seasonally** [CTA16, CBB+22c, HAH+22, MBP+11, WHS+23]. **seasons** [SM05, ZSBL00]. **Seawater** [Due77, AdAK+18, AYH+23, Fei93, FH95, Fei03, Fei04, FM07, GTR01, GLLB22, LGG18, SBBV04, TGR05, YNTS22, ZBY+22]. **seaweeds** [GNH19, NHG19]. **SeaWiFS** [HM00b, WM13, YKS+12]. **Sebastiano** [SMB88, Sie88, Bru88]. **second** [LSW02]. **secondary** [LSH+11, LQU07, MTK+22, PAM+88, SEW11, YHRT22]. **Secrets** [JPB20, BW08]. **section** [MLS+15]. **sections** [Man69, MDR22, STPHM+23, Sel65]. **sector** [AMY+23, Don65, MCL+15, MST+23a, NST+23, SSN23, VMA+24]. **sectors**

[LO07, TAF+22]. **Secular** [CR20]. **Sediment** [CS06, DGGdR02, DCL+13b, EMU+23, PPdM+12, RMB+01, Sai65, SCMAR+99, AS20, BEI+20, BPTT19, CDS90, CJMO87, CB17, DXH+02, FC07, FMH02, GSV+01, HMKF08, HHK+02, JGO+98, KCL+12, LJ65, LCJ+07, LvIKB07, MXC+21, ML09, MDL+12, NIF+15, PGLG+05, RF17, RLR+18, SLBR18, SvWRvB02, Sha82, SSTL16, SFAD+90, TCDPP+22, TWBC+13, VK90, VPW01, VOJD02b, VB14, WCB20a, Whe06, YYK88, dJSL+20, vWHdS+98, vWdSBdH02]. **sediment-starved** [TCDPP+22]. **sediment-water** [SvWRvB02]. **Sedimentary** [CVHM+18, KGdS+08, SC90, Bol94, DJG+02, Ike88, JGS90, JFG+90, JWD+02, KNS+03, Kit03, ORR+02, RWD01]. **sedimentation** [Ber65c, DOP87, HK65, JS87, JWD+02, KKS+03, KB65, PPSV+18]. **sedimentation-rate** [PPSV+18]. **sedimenting** [BPNB90]. **Sedimentological** [CLA+00]. **sediments** [AJV+02, BPP+98, BGS+04, CLV+19, CJRÁ+13, CPNL07, CFC+18, CBD+24, Cow05, CJ92, DMD+00, DTOD00, DVL+99, ECGP01, Emi65, EvdZSH02, Eri65, GMAB07, GGA+05, GGE+65, HVTV22, Hay65, KKS+03, KPM+23, Koc65a, KKS+19, LYZ16, LXC+22, MNFY21, MSL+07, Nay65, OE65, OB98, PCD+18, PPSVC+13, PRL+18, RSB+01, RGC+01, RBL+19, SPF+23, SGL+13, SGF+19, SLG+12, SOH21, She65, SGO+08, TPM+00, Wis65, YSY+19, YAI+14, ZHBW01, vWHdS+98]. **Seeding** [ST10]. **SEEDS** [AYK+05, NKK+05, SSH+05, TT05, TKK+05, TNS+05, YFY05]. **SEEDS2001** [KIS+05, TSNO05]. **seen** [KRL08, XYGJ23]. **seep** [GLV12, JFG+90, LZF+24, MCB+90, OSH+96]. **segregation** [PNF+21]. **SEIBM** [CMS+13]. **Selected** [BHM+15, BC01]. **selection** [BVJE19, BPW10, CCHV+21, Sma10a, Sma10b, WSO+13]. **selective** [GBM+01, WHBW03]. **selectivity** [CNT+19, HWBT03]. **Selensky** [UKK+19]. **self** [CDDF11, RRS03]. **self-organizing** [RRS03]. **self-oscillations** [CDDF11]. **selliformis** [VMV+23]. **semelparous** [BSF+21]. **semi** [BLT+15]. **semi-enclosed** [BLT+15]. **Semidiurnal** [RPSVLS14, WGM+24, JFUR20, ZQWP23]. **Senegalese** [TGJT09]. **Sense** [CSH+23]. **sensed** [CTMV+14, HMO+13, XLX+20]. **Sensing** [KPSB17, ARD+03, BBE+15, BPGD+14, BTJ+17, JST+24, KY14, KC02, McK15, iSIS02, SMGL01, Tho87, WMB+18, dlGFM+23]. **sensitive** [Tur99]. **Sensitivities** [LK13]. **Sensitivity** [HWPLvW20, KM08, MMG+13, OAB+16, SCHD23, BRG+15, BFPS06, BHHR15, HPS+01, MAB+11b, SBMB18]. **sensor** [BRR+12, MVC+11, iSIS02]. **sensors** [FRV+19, KSK21, KHM+88, MSMH19]. **sentinel** [DLJ+21, HGBG20]. **separation** [GWGR+19, LMM03, ORCH+19, PMH17, SRF+19, TG05]. **September** [Ano65i, Ano13g, Ano20b, GCZ+00, Ano07p, Ano08t, Ano08v, Ano09k, Ano09l, Ano10m, Ano12k, Ano13o, Ano14l, Ano15q, Ano16r, Ano17p, Ano19p, Ano21t, Ano22-34, Ano23t]. **sequential** [DTC+06, ORVES17]. **Sergei** [Ang79a]. **series** [AT07, BSFM+12, BAOM+12, Coo69, CNBD21, EHFD12, FTSF21, HFS+20, HLM+13, HFO+22, LQU07, MGE+12, MGF+13, MAH+15, MFDH22, MVC+11,

MMG+11, MA12, NCH+07, NIF+15, ORVES17, PB07, SS69, UPPS+21, VLUC+07, VBL+21, VDGGD+22, WSO+13, Whe06, XCH+16, dPAJ07].
**Serrano** [LSV14]. **set** [DHL+21, KMOM88]. **Seto** [YFY+22]. **setting** [DVL+99, Gor92, WC15]. **Settling** [TSC03, KHC+99, KSR+01, SCT+00]. **Setúbal** [KGdS+08]. **seven** [BHLU+07, YNMY23]. **seventies** [Leg91]. **several** [aHFS92]. **Severe** [MAFS+22]. **Sex** [SS03, PWZ+16]. **shadow** [SMR+20]. **Shallow** [PMG15, Tal08, ATC+19, DP18, GBB96, LAGM+23, MGG22, MSV+14, SCHBC+22, SDS02, SDS22a, SPN98, WLP+21, XD95]. **Shallow-water** [PMG15, GBB96, LAGM+23, WLP+21]. **shape** [JBB+14, RSW+23, RSMIS03, RAG+19, TKC+22, ZPC+16]. **shaped** [LdSH+15, PMA+14]. **shapes** [BMG+19]. **Shaping** [PVB23, GBT+19, JJA+17]. **shark** [HNSP+19, ON22]. **sharks** [Jac10]. **shear** [AR18, OC06, SS17, Zen08]. **sheared** [CSLJ03]. **shearing** [IST+88]. **Shearwater** [SSB14]. **shearwaters** [YSS14]. **shed** [Nof96]. **sheets** [Ber65a]. **Shelf** [GMDD+22b, JOBT05, WAH+20, XD96, ANH21, ÁSDB+01, AJV+02, BHA+14, BHAJ12, BAOC+07, BASS+20, BCP09, Bum73, CKP+20, CDB+22, CMC+16, CTA16, CZG+21, CBOP15, CSG+15, CM18a, CS06, CDP14, CFG07, CP02, CCH+12, DM13, DWH+14, DMD+00, DTOD00, DBW+22, DKRL22, DW02, DJG+02, DGGdR02, DCRR+22, DFC+21, DCL+13b, ESA+13, FZY+23, FJA+21, FMWW14, GMDD+22a, GMAB07, GRD+23, GGG+18, GHG+24, GEP+08, Ham87, HHK+22, HVTV22, HWLT10, HHH+12, HPZC21, HAH+22, Hut81, Hut87, Hut92, Hut95, HHK+02, HHB+22, IAN13, IG19, JCIG18, JMSB+23, JGO+98, JWD+02, KSVT00, KMS+24, KVLA06, KHM+88, KDF97, LM18, LLL+11, LCBN14, LSH+11, LFC+15, LBH+21, LCJ+07, LZG20, LGH+21, LHEB98, LMM03, MZ14, MIN+20, MB07, MR03, MH14, MWFH02, MLPN06, MSL+07, NSE+24, NAH+21, ON05, ONR+14, ORR+02, OVR+02, OC06]. **shelf** [PMC21, PJS+22, PL89, PHC+19, PDD+22, Pra97, PdMS+13, RCC+18, RWOA01, RGMPR23, RAE+05, RCSHW22, SHP+23, SENS13, SSI13, SMP+22b, SBD+07, SSL07, SNMW10, SVIA14, SPW22, SCB+16, SÖÜ94b, TCN20, TNC+09, TLH+15, TLP+16, TPM+00, TSP+13, UNN+14, VEM+21, VOJD02a, VOJD02b, WWL+22, WSL20, WGM+24, WYT00, Whe06, WC15, YMI88, YSY+19, YGC+21, YCP+12, YJS86, ZCA21, ZAC+23, ZMW+23, ZBRJ23, dPCS23, CTKF+23, FKH+13, GF97, HMP+13, Hic92, KFM+17, LNB13, LW12, LDHW20, MPD+22, PHK+17, PMC21, PCM11, PLN+23, SMP+22b, SZG06, SPH+15a, SBPGP+23, Tol85a, TPTM23, WGZZ19, ZLR+07]. **shelf-break** [CMC+16, LMM03, OC06]. **Shelf-slope** [JOBT05, LHEB98, MB07]. **shelf-water** [ZAC+23]. **shelfbreak** [HHP06, LPS+19]. **shell** [MLB+20, OE65]. **Shelled** [JMZ23, AOMZ+23]. **shellfish** [CAH+22]. **shells** [IPHW+23]. **shelves** [BD18, CBC+06, CW06, HBL+13, HKGH+06, MHH+15, MB07, Was06, WC15]. **Shift** [RF17, XYK+22, Bea04, CHB02, DRVMC+22, Dri06, FAH+13, INI+17, IIM+23, IIS+17, PM13, SSVP00, SE08, SE09, SKH00, SKT01, TCN20, TKW06, TKWI08]. **shifts** [AN04, AHW+15, BHAJ12, BMG+21a, BDC+08,

CALS+23, CAT+08, CRS04, CS04, EiIT+22, FPS+13, HM00a, HMWM00, HPB+09, HDZY15, iIRM+15, KJZ+12, KFM+17, Law04, LO21, LM14, LHF+16, Man04, MP04, OIC+23, ORMB08, Qiu15, RS04, SvN04, Ste04, SM16, TOKLC08, VBL04, WXH07, WZ04, YTNK00, ZLKO00, dHA+04]. **Ship** [DPR+18, GdRGL+01, SGR+22]. **Ship-based** [DPR+18]. **ship-borne** [SGR+22]. **shipboard** [WFS+15]. **shipping** [DN07]. **ships** [SPH+15b]. **shoaling** [PFW15]. **shore** [CCD+13, JIT+01, LMM03, Pra91]. **shoreface** [Let87]. **Short** [AVK91, BC91, BGM+01, BF01, CB91, CJMI+91, MIW91, PWMIM91, RÁSG+13, TMN+12, Ver91, WP91, CSMGS19, DLM+12, FB01, Fre07, JSA+08, SGL+18, Sie69]. **short-beaked** [SGL+18]. **Short-term** [AVK91, BC91, BGM+01, BF01, CB91, CJMI+91, MIW91, PWMIM91, RÁSG+13, TMN+12, Ver91, WP91, CSMGS19, DLM+12, FB01, JSA+08]. **short-time** [Sie69]. **SHOTS** [APSC11]. **show** [PCR+22]. **shrimp** [CPG08, CMF11, CHSB+21, PPdS21, SCB+09, TGJT09]. **Si** [PHK+17]. **Siberian** [DCS+22, KPM+23]. **Sicily** [BMC05, BFB+20, OAB+16]. **side** [CBL+19, RZW+23]. **sidescan** [SW92]. **signal** [Mol04, RKS01, SJ02a]. **signals** [BPSGP+23, FG16, SD07, Szu12]. **signature** [DCS+22, MVS08, VSGC21, YGL+10]. **Signatures** [KiL14, CZW+22, CSC+12, CDP14, OPH+24, PRL+18, QOS+22, RAG+19, VKGP+13, WRS+92]. **significance** [AS88, GDI+09, KSE+09, LRW+15, MGS90, Nie07, OB98]. **Significant** [WSC+21, DBR20, ZPY+20]. **significantly** [CBL+19, PBB+20]. **silica** [CWZ+20, GTR01, KYT+16, RGC+01, TRP+23, TGR05, WSC+21]. **silicate** [LCR+93]. **silicates** [Ros65]. **Siliceous** [SLG+12]. **Silicic** [TSRF14, TRP+23]. **Sill** [Zen08]. **Similar** [GGQ07, VPM+19]. **Similarities** [KTIT22]. **Similarity** [HMPZ11, RLP+18]. **Simple** [GLS08, KKK04a, KKO10, RLC85, Zez90]. **simplicity** [Fly03]. **simplify** [RSG06]. **Simulated** [FYYC05, TFM03, Hea12, RKCH15, SGWF+19, WWSJ07, YFY05]. **Simulating** [BSH+20, JB15, PST+15, PGG+22, VDS+18, HLK13, RM93, Woo05]. **Simulation** [UNN+14, APC13, AR18, Ché14, CJMI+91, DRE+08, Har05a, RDL+91, SEW11, TS10, VSA+21, WDC+11]. **Simulations** [MSF+07, LC22, MHGGS19, Men21, RMK+21, ZCD08]. **Simultaneous** [DDJ+21]. **Since** [ALV+21, DYL+15, HHWW20, HMKF08, TAF+22]. **single** [EGP+18, GASV+09]. **single-cell** [GASV+09]. **Sinica** [Ang86]. **sinicus** [NMN08]. **Sink** [GGT+15, CMF15, MHS+20a, MHS+20b, MKOLA20]. **sinking** [IL20, KSP+23, LFBP+13, MLD+03, MLL+15, NMK+03, SPB+02, VDP+01, VKJ+23, YYK88]. **sinks** [SE16]. **sinuosity** [MHR+10]. **sinus** [RPRCAG+21]. **siphonophores** [BLCL14, LSIC12, Pug84]. **sister** [GBG05]. **Site** [SIB+06, BEI+20, BTS+15b, BKD+20, CLL+18, GSV+01, GHL15, GBB96, HFO90, KVNT20, MMG+11, OAD22, RWD01, TAW+15, Tho77, XCH+16, ZHSMM14]. **Site-specific** [SIB+06]. **sites** [HG04, MHCS+23, WSO+13]. **situ**

[BGR+15, FRV+19, GA00, ORMR+19, PSP+21, SSH+05, SPK+19, SHS+05, SNS+22, TT05, WZFW16, WFS+15, dlGFM+23, ASR+20, CDS90, FGR+06, HMO+13, KPSA17, LKDL14, NIF+15, SFAD+90, SAT+22, TSAM+22].
**situation** [BTNK13]. **situations** [LSM+22]. **Six**
[YTL+19, BSFM+12, SEG+22b]. **Size**
[ATT+08, IL20, SSN23, SEG22a, WSS15, ARD+03, AJA+22, AV23, BM01, BTJ+17, CNT03, CTI+19, DAF+22a, DAF+22b, DFH+16, DHB+21, FEGA+14, FDE+22, GCCY+14, GDN+18, GGAA+23, GWK17, GSSWK20, GGA+16, HEF+12, HHMB+09, HVEF09, IOGS13, IAFD02, JTD+14, KRL+22, LC12, LBH+21, LHC+19, LLX+21, LLGS21, MBdM+18, MRAP22, MRBS+24, MFS+07, MSF+07, MPB+23, MMPG07, NGLL+22, PPSVC+13, Peñ03b, PS98, QPR03, RSW+23, RB20, SPSV+20, SE92, Sok90, TSBS18, UAM05, VFS+15, WSC+21, WJPHB15, XHW+20]. **size-**
[ARD+03, SPSV+20]. **size-abundance** [GGAA+23]. **Size-based**
[WSS15, WJPHB15]. **Size-fractionated**
[SSN23, BTJ+17, FEGA+14, JTD+14, LHC+19, XHW+20]. **Size-fractioned**
[SEG22a]. **size-sinking** [IL20]. **size-specific** [HHMB+09]. **size-structure**
[CTI+19]. **size-structured** [HEF+12, MFS+07, MSF+07, NGLL+22]. **sized**
[KT04, RLGC10]. **sizes** [MCT03]. **sizing** [CTP+18]. **Skagerrak** [Sva65].
**skate** [BECA22]. **skates** [ECFT20]. **skipjack** [KAK+22a, PGS+22, SSL08].
**sled** [JPBB20]. **sledge** [LB20]. **sliding** [KHM+88, XYWY23].
**sliding-window-threshold** [XYWY23]. **Slope**
[DCD+23, TPTM23, ACL+18, BHE+98, BHPC06, BPC+05, CB06, CGM+02, CMF+09, CS06, CFML22, CP17, DW02, FBR+13, FLdST98, GGG+18, HM98, HDM19, HFW+98, Hut87, Hut92, IVR+13, JOBT05, KSVT00, KFC+13, LPS+19, LHEB98, LFCSV+13, LSIB23, MB07, PPdM+12, PCD+18, PL89, RGPB+23, RCSVGP+16, SGO+08, SPB19, TCDPP+22, TRLA+13, dWDB+98, vHVAT22, RDP+21]. **slopes**
[CTR+19, FBD18, GD85, KKS+18]. **slurry** [SL13]. **Small**
[BCL+09, LLAPG+22, POS+07, PAB+21, PS98, BRR+12, BAP+22, BFV+17, CSS+19, DPH+18, DHHP18, FFS+20, GRD+23, IPD14, PRTC13, RFC+15, SGF+19, SCD+07, SLBVRR+22, SLOP+22, SPC+23, SPK+22, SSV+11, TCF+18, VCSG+01, ZJZ+21]. **small-scale** [BRR+12, CSS+19].
**smart** [NHS+14]. **Smith** [WR03]. **smolt** [IOGS13]. **snow**
[AS88, BCD+20, IL20, MGKW19, TSAM+22, Tur15]. **snowdrift** [Ber65a].
**snowmelt** [NNFL21]. **SNU** [HLK13]. **SOAR** [MS15]. **soaring**
[Ric15, Sac16]. **SOCCOM** [SJA+23]. **social** [Dav99, Jac10, PBO10, PM13].
**Societal** [RAB+11, KA94]. **Society** [CSH+23]. **socio** [GRDS10].
**socio-economic** [GRDS10]. **sockeye** [McK08, MI21]. **SOFAR**
[Owe91, Ric93]. **Soft** [GGSM+20, QOS+22]. **soft-bottoms** [QOS+22].
**software** [GPAB+16]. **Sognefjord** [SST+17]. **solar** [Ång65, HYM+12]. **sole**
[LDAM+07, TTMM+17]. **Solea** [TTMM+17]. **Solenogastres** [BHB+19].
**Solitary**
[PM85, GC14, HHZ+22, NP00, VB14, XDG+23, XHC+20, YHZ+22]. **soliton**

[BPSGP+23]. **Solomon** [CGD+22]. **soluble** [BJ17, DVB+18, WRS+92]. **solute** [LTSG13]. **solutions** [HHAR23, KN10, KN11, TDH+95]. **Somali** [Sch83]. **Some** [Car97a, Eme65, Eri65, Sva65, WO85, Ano86a, Ano87a, Ano89a, GBM+01, Mid69, Wil87, Wis65]. **Somniosus** [ON22]. **SONar** [GDN+18, SW92]. **Sonne** [SKF20]. **Sørfjord** [MPN09]. **Sound** [RN06, PNF+21, CCS+21, SKGS20, SCB+16, USH15b]. **sounders** [ZZPL18]. **soundscape** [EVM+15, PS23]. **Soundscapes** [MGG22]. **Source** [dCFK17, TLF+89, WMC+89, DJW+18, DBJ+15, HMS+22, KBF+08, MXC+21, SMN+14, SHC+06, SHC+07, UKM+14, WWL+22]. **sourced** [TCDPP+23]. **Sources** [BMG+21b, CdMS+18, CBD+24, FTG+18, JJR+08, JAJS08, BSF95, CFC+18, GLV12, KSS+23, SF85, SE16, TSC03, WRS+92, YAK13, ZGZ19]. **sous** [Bou65]. **sous-marins** [Bou65]. **South** [CAH+22, DRE+08, FBT+22, HWF+21, KMF+20a, PFE10, TSFA22, TPP+00, ATC+19, CWB+22, Hen85, Ike88, MAAS+00, SCLG+11, SDGVE17, SPW22, TMKJ+09, WGM+24, YHZ+22, YCP+12, ARD+03, ABD+17, ÁSÁB+14, ÁBMÁS14, ÁBMÁS15, AFH+11, APP21, BMdMS+21, BWB+09, BTS22, CGL+20, CWZ+20, CKM+21, CSW96, CLX+20, CMF15, Cra09, CKL+14, DFC+21, DGH+20, DHL+21, EMK+17, GDM+20, GC14, HMRA+03, HZD+23, HMPZ11, HKY+11, HPZC21, HLSX22, HHZ+22, IIM+23, JFG+90, KHD22, KMF+20b, LvBS+24, Li14, LYZ16, LGZ+20, LBH+21, LZL+22, LYS+22, LLH+20, LGD+20, MXC+21, MCD+14, MBH+23, MZZ+23, MSA+22, NXY15, OKdA+19, PJS+22, PS91, PG10, PAF+11, QLW10, QLY+22, RFFL21, Rei86, Rei89, RDC+21, STC10, SDGVE17, SJP10, SSTL16, SMP07, TBK+99, Tom81a, VCM04, WWL+22, gWjNfLyD20, WST+21, WMWR08, WL16, WZC20, XWL+18, XLX+20, XHC+20, YGC+21, Yao88, ZZPL18, ZDG+21]. **South** [ZMW+23, ZDM+20, ZSW+22, YJW88]. **south-central** [YCP+12]. **south-eastern** [SCLG+11, TMKJ+09]. **south-west** [CWB+22, SPW22, CKL+14]. **South-Western** [PFE10, ATC+19]. **southeast** [BPSN+21, DBRK17, JJA+13, LHF+16, SJ02a, FZ88, FHG03, FMM+20]. **southeastern** [AIHB+07, ABS+20, CP02, DBM17, FLUC08, GCB+22, HZCZ16, HS02, LDAM+07, Lie86, MWFH02, WD94, AG22, BHH+16, dFKdLZTT17]. **Southern** [CPO+19, DMBHG10, FTG+18, SCS+18, SC23, ZHD+20, ALG+21, AVK91, BC91, BHA+14, BTK+99, BMC17, BHAJ12, BCGN+18, BMN19, CFM+18, CB91, CLG+00, CLA+00, CJMI+91, CdD+15, CS04, DBC+18, DYL+15, ES07, EHG+07, EM12, FCN+19, GHVG19, GLPC23, HE07, HEF+12, HOY+21a, Igu04, JTQ+18, KTN14, KKS+18, KTIT22, KGdS+08, KVLA06, LVGH+15, LSF+17, LJPGC02, LO21, LMC+20, LGH+21, LFCSV+13, LB02, MERB12, MMES16, MB07, MIW91, MMF+12, MH14, MTH+10, MHCR+12, MA12, MMN+24, MSL+07, NRS+19, NMC+09, OSH+96, PMMN+22, PRA+18, PWMIM91, PVV23, RFSCF19, RBNJ+12, RSM+23, RBS+09,

SLM+16, SCMAR+99, SE08, SE09, SMPC+12, SAd+17, SKP99, SJM+19, SHT+01, TAF+22, TFM03, VAEP24, Ven12, Ver91, WP91, WHK23, YNTS22, ZLC+15, ZSY+22, AMY+23, AH80, APSC11, ASC92, ABP+23, Ban65].
**Southern** [BN03, BLES16, CBB+22a, CFML22, Don65, DIM09, DPF+20, Epp92, FPJ+15, FACM+23, GWB14, GPA+11, GCZ+00, GLF+17, GWGR+19, GBH+20, GVKD+13, GMDS20, GLLB22, HVTV22, HSLG11, HFK03, hHRW+05, HVEF09, HPH+08, JE92, KF11, KMMC09, KC15, KMWF11, LSV14, LOG+09, LPA+11, LdSH+15, LS15, LLS01, MR06, MST+23a, MFS+16a, MFS+16b, MKOLA20, MJD+21, MCMT+17, MVS08, MCH+12, Nof03, NST+23, PPVG12, PPKR14, PO15, PL09, RVS+21, SJA+23, SSN23, TTF+22, TAH+11, UCB+18, VKGP+13, VMA+24, WWW+23, WMWR08, WTT14, ZPY+20, ZBY+22]. **southward** [SOO+14].
**Southwest** [CBM+21, GCS91, GRdSS+22, HFW+98, JJA+17, MZ14, USH15a, WLM+13, BH85, HHR+19, HM08, JJA+17, WWN+99, ZQWP23].
**southwestern** [AVG+19, ASR+20, CTL+04, IMW+14, MFA+15, PTP+22, TTF+22, DMC+18, EBM+21, LMT+19]. **sp** [AM19, BC19, GA01, HLS+14a].
**Space** [MPSS91, Ang88, MKMF+89]. **Spain**
[BAOC+09, ÁSFP+03, Ano09h, BFH01, BAOM+12, EAL+07, HHB+01, LMP22, RWOA01, RÁSG+13, VSPP14]. **Spanish**
[DAKV99, JW01a, ORW+01, SGL+18, TIOM16, VBL+21]. **spanning**
[MJC+17]. **sparse** [SVIA14]. **Spatial**
[BMO12, BAOM+12, CRHM12, CCW+18, ESGP17, EM12, FJA+21, FFT+18, GXX+22, GMAB07, GBC+16, GHG+24, HRA+08, Igu04, IVR+13, IU14, JZZY24, JYK+14, KSP+23, KRL+22, LT06, LSY+14, LZL+22, LYS+22, LCGH07, LLX+21, MERB12, MPSD15, MTC14, OSH+96, PPSV+18, PCBA+20, RCF+13, SLM+16, SFS+12, SPB+12, SSTL16, SEG+22b, SEG22a, SBE+20, TvW98, TSBS18, TIOM16, VEM+21, WM13, WTT14, WL16, YMK+04, AMFY20, AGD+18, BRR+22, BSC+19, BBE+03, BDT+08, BDL08, BGB+08, CNT+19, CDH+13, CDB+22, CMM+04, CMF11, CDL+22, DAvD+20, DAvD+21, DCRR+22, DDCE+23, DAIS10, DK07, ESD+21, FBD18, FHP83, FPIJ85, FSVL10, FTG+18, GKC+14, GLH13, GTS+21, HHK+22, Her88, HEF+12, HKPV12, HPW10, ISM+02, IFC+07, IHR18, JFG+90, JBB+14, KM10, KFH+15, KMWF11, Leh01, LSM08, LO21, MRM+14, MZF+08, MHS+09, MCT03, NCC+15]. **spatial**
[NHSP23, OPG+10, OPH+24, ORB+18, OAM00, PWZ+16, PHD+18, PS98, RKC+10, iSIS02, STB+92, SK18, SMPC+12, TKK+05, WPH+10, XWL+18, XRC+15, XNT+17, YN20, dLLdAWL+23, BDB+04]. **Spatial/temporal**
[Igu04]. **spatialized** [Mau10]. **Spatially**
[LLS01, BDL08, CMS+13, RBNJ+12]. **Spatially-explicit** [LLS01, CMS+13].
**spatially-structured** [RBNJ+12]. **Spatio**
[BFV+17, GBT+19, GGA+05, HvDL+17, HLD+21, HVEF09, LFC+15, MDB+20, Min00, ŠGM+18, TS10, WHK23, YPVP+22, BBB+21, BSC+07, CGG08, CSC+12, ERT+22, GRD+23, GFB+15b, GFB+15a, JFUR20, JHW+14, LSB+17, LSD+18, MSC+15, SLH+19, SJLW23]. **Spatio-temporal**

[BFV+17, GBT+19, GGA+05, HvDL+17, HLD+21, LFC+15, MDB+20, Min00, ŠGM+18, TS10, WHK23, YPVP+22, BBB+21, BSC+07, CGG08, CSC+12, ERT+22, GFB+15b, GFB+15a, JFUR20, JHW+14, LSB+17, LSD+18, MSC+15, SLH+19, SJLW23]. **Spatiotemporal** [AHP19, AOMZ+23, CAH+22, HHP10, PTP+22, SDO+14, DIQJ21, LG22, LS15]. **Spawning** [BFB+20, HLP+16, MMD+16, dFKdLZTT17, AQVB+10, BSF+21, BSC+07, DPGC14, FP03, FCN+19, GGJ+10, HLS+14a, JSdSS+21, KKKY10, KMF+20a, KMF+20b, LC12, PDAM+15, PFE10, RLL+09, RDP+21, SMPC+12, TOKLC08]. **speaking** [Ang79a]. **Special** [FJhT+14, LM10, MSI17, SBB+14, BZD+21, Dol09, HWB+18, NMN08, RW97, SGPdM18, Ver91]. **speciation** [GWGR+19, LTJ+15]. **specie** [MIW91]. **Species** [Ant09, BJ90, FTHK19, Kam19, SM21, ARD+03, AP20, AQVB+10, ASB+08, BJMP19, BJMP20, BC19, CES+19, CC23, CBOP15, DAF+22a, DAF+22b, EGP+18, FKH+13, GTB07, GKR20, GS19, GPP22, GBG05, GM19, GA01, GMDS20, GAS+22, HSG+15, HCV+20, HLD+21, Igu04, IS19, JM19, JZ19, JGB20, JOGM+10, JLRB20, JG90, JPBB20, KSVT00, KFM+17, KT04, KGdS+08, KDB95, LMPB+16, LML+23, LAGM+23, LS15, Mar20, Mil88, MAFS+22, MSFZ19, NHG19, NKK+05, PMG15, PRC+20, PMH17, PD15, PTPY+23, PVA24, RLGC10, RK20, RVC+13, RF17, SSB19, SPF+23, SWP+13a, SEG+22b, Sma10a, Sma10b, SJD10, SBE+20, SL13, TPRS10, THM+14, TSFA22, UKK+19, VCSG+01, Wil65, WSH15, WJPHB15, YGL+10, ZMCD11, ZSY+22]. **species-based** [WJPHB15]. **species-level** [LMPB+16]. **Species-specific** [Ant09]. **specific** [Ant09, HHMB+09, SIB+06]. **spectra** [GCCY+14, GGAA+23, GWK17, GSSWK20, Kra69, KRL+22, QPR03, YYhT+17]. **Spectral** [STR01, KM08, Mor91]. **spectrum** [GWM+22, LBC+15]. **Spells** [Cia22, SOWS17, SDB+21, YW22]. **spiciness** [Fla02, Kat18]. **spinifer** [GBG05]. **spinifera** [FMC+20]. **spiny** [MPM+18]. **spiral** [QYF+24]. **spirals** [Wun24]. **Spiraphiline** [CES+19]. **Spit** [NW87]. **Spitsbergen** [KMSTK23, KGJ+10, SPW22]. **split** [ON22]. **sponge** [RTN90, VBJ+20]. **sponges** [KT04]. **sporadic** [SSB14]. **Spores** [GGE+65]. **spot** [HNSP+19]. **spots** [YSS14, ZMCD11]. **spp** [DOS+18, Gif93, HHY03, KSKN21, MMG+13, McK15, VSPP14]. **sprat** [CCM+14, HKPV12, MHTG10, SRK15, SK17, VPH+12]. **Sprattus** [CCM+14, PBB+12a, PBB+12b, SRK15, SK17]. **spreading** [BF12, Kil76, LRNK99]. **Spring** [DHHP18, GCS91, MSMR93, NSE+24, ZGB+20, AW13, CMC+16, Car97a, DBC+18, DBM17, EKB06, FHP83, FB05, GMDD+22b, GHL15, GKS+13, GDM+15, HHY03, HPHL+05, HBH+17, JS90, JMZ23, KHBA+24, KFM15, KTW+22, LBC+23, LPHL+05b, LPHL+05a, LMA+15, MERB12, MPD+22, MCKS17, Mil93a, MA12, MMD+16, NEI+22, OTNI20, RHM+19, iSIS02, STB+92, STF+13, SMP+22a, SPH83, THP21, TRP+23, TDL+17, VHV+12, VEM+21, YMA+17, ZLG17a, ZLG17b, ZWM+15, dFKdLZTT17, RAP95]. **spring-neap** [Car97a]. **spring/early** [EKB06]. **Springtime**

[APC+21, HJLLN07, JTD+14, DMBB02, GRD+23]. **Spur** [BHE+98, FLdST98, FMH02, LHEB98, OB98, TvW98, vWHdS+98]. **squat** [ACK+13, GRB+08]. **squid** [ATT+08, BGM+10, IIS+17, OMK+22, RS10, RASVB+22]. **Sr** [YAI+14]. **SST** [MS02, SNS+22, WWZ19]. **St** [LBC+23, MPSD15, MPN09, TFM03]. **St.** [HGD22, FHG03]. **Sta.** [LMPB+16]. **Stability** [MDGC+12, WPB05, Cai95, CGS23, Fla02, Gir15, HGH+19, JJL+19, LAD+18, Law04, NGNV12, VMB+22a]. **Stable** [BAOC+07, CGC+20, FMC+15, Kli10, SF02, Ang84, AYH+23, BGA+21, CSK+12, CSC+12, CDP14, ESTM13, EiIT+22, GDM+20, GWM+22, IBW+01, Kno04, KSS+23, KSG+17, KAAK+16, LSV14, MRAP22, OPG+10, PPHM18, PYKF15, QOS+22, SBC+16, SC65, SHC+06, SHC+07, SM16, VKGP+13]. **Stage** [NMN08, HCGK11, IVR+13, MMG+13]. **Stage-V** [NMN08]. **stages** [AHP19, CSMGS19, CGC+20, CCM+14, Eme65, Emi65, FVLC+23, FCN+19, HPW10, KSK+15, LSY+14, MVBC+21, NHG19, OCH+18, PWZ+16, PDAM+15, SLY+15, TCF+18, VMH+21, WFH+22]. **staging** [PMG15]. **Stainforthia** [GA01]. **stalagmites** [SCS87]. **standard** [MDR22]. **standing** [ADS+22, Fro93, GSPMAI99, IVR+13, JSHB90, MMKS+21, OBD+20, RLP+18, TRLA+13, WSC+21]. **stars** [MJD+21]. **starvation** [HCGK11]. **starvation-induced** [HCGK11]. **starved** [TCDPP+22]. **State** [MPC12, SBB+14, AdAK+18, CAA+07, Fla02, GTNK21, HLK13, JCM+21, MHA+11, McD81a, McD81b, RWD01, RGC+01, SRM+10, TAM+13]. **states** [Kno04, Bum73, Eme65]. **Station** [AEPW93, Fre07, AVK91, BC91, CB91, CJMI+91, HLM+13, MIW91, MA12, NCH+07, PWMIM91, Ver91, WP91, CR20, KLB+21, KBC+22, MDGC+12]. **stationary** [DCD+23, PCR+22, dSPF+23]. **stations** [BHLU+07, DLJ+21, Lev88, SS69, SH09, YNMY23]. **Statistical** [FPJ+15, SW92, WPH+10, BIL03, BPGD+14, GAM98a, HLSX22, MNT14, Owe91, SBM91, SDO+14, SLY+15, dMM69]. **Statistics** [LaC08, BBB+21]. **status** [CSBL+15, CAO+20, CBGC+08, FVA+19, Fai65, Joh04, JJS03, KTN14, KSE+09, LCANAS+07, SGL+18, SF02, VJJ+22]. **Stay** [CMS+13]. **STCC** [CMG15]. **steady** [RWD01, RGC+01]. **steelhead** [SKGS20, WBF+21]. **steep** [JOBT05, vHVAT22]. **Steering** [LMA+15]. **Stephos** [SSTD+95]. **Stepwise** [TSL10]. **Steric** [MZZ+23, RG09, SRFHDH22]. **Sternoptychidae** [CSM+15, EBM+20]. **stimulate** [CRC+19]. **stirring** [Mar03]. **Stock** [ZL01, ADS+22, BHMS09, Dol09, Fro93, IAFD02, JSdSS+21, JSHB90, KMB01, MHTG10, SEG22a, TRLA+13, WBC+22]. **stocks** [CGV13b, GSPMAI99, IVR+13, LNB13, MMKS+21, MHS+09, OBD+20, SEG+22b, TGJT09, WSC+21]. **Stoichiometric** [ÁSÁB+14]. **stoichiometry** [BPA+21, Fly10, FAH+13, HWL+20, PHK+17, SGS+23]. **stomach** [KSG+17]. **stomachs** [EBD+20]. **stomatopod** [MKD90]. **Stomiiformes** [CSM+15, EBM+20]. **Stomiiforms** [SLOP+22]. **Storage** [PPKR14, HTdM+15, lLdZQ+22, WCN+05]. **storm** [CBB+19, CBB+22b,

LFBP+13, MFH86, PFHM16, PPSVC+13, SWP+13a, SZG06].
**storm-induced** [PPSVC+13, SZG06]. **Strait**
[JJR+08, KHC+99, SNR+10, AHGRAL23, AW13, AHC+13, BFB+20,
BPGC+20, BCR+13, BCK94, BC88, CML+16, CGW+22, CGMP14, CZW+22,
DWH+14, Dea85, DL17, ESTM13, FY88, FAAF88, FDM+13, GIC20,
GXX+22, GLPC23, GWS+23, GSSWK20, GKS+13, GDM+15, HFPS+06,
HMH+15, Ike88, IOGS13, ITO+14, JC88, KAG+19, LBNBM13, LF12, LAP10,
LMH+13, LHC+19, LC10, MMGL+07, MGF+13, MGWZ20, MRO+08, MP13,
MK86, MH14, NGLSSG14, PMC16, PM13, PST+02, PBN13, Ric94, RHBS13,
Rud89, RKS+15, STF+13, SGMP15, SBPGP+23, SLH+19, SSV+11,
TYO+14, TSBS18, VGLCS06, VKDS+18, WDC+11, Woo18, YYT+14,
YLY+14, YYhT+17, YMK+04, ZLX+20, ZWP23, dlPHF+15]. **Straits**
[KTB+99, ABC+99, ZMW+23, AC85, BTK+99, BMC05, GR85, GSPMAI99,
KSPK99, MM90, MWO+12, NTU+14, RLGC10, SKP99, TBK+99, VOT+99].
**Strangomera** [CCM+14, SYB+15]. **strategies**
[BVJE19, BOMdP15, BHS+15, BCL+09, DPGC14, KPSB17, LDH90,
LPA+11, MGS90, Nie07, RMB+01, SSW+09, THBA19, VBC+20]. **strategy**
[SSTD+95, SSB14, YAK+08]. **Stratification** [BBS21, SHL13, GCD+13,
LK13, LFC+15, MZK+23, PFW15, SHd13, SYN+21]. **stratified**
[BMG+21b, CTA16, FvBA+17, Her88, HAH+22, IAN13, KV13, KV18,
MBP+11, SMFM+21, SENS13, TSP+13, WPW+14]. **stratigraphic**
[CFM+18, Par65]. **stratigraphies** [Sel65]. **stratigraphy** [Med87, Sai65].
**streaked** [YSS14]. **Stream**
[TPTM23, AC85, BHPC06, Fug63, Ham87, Hen85, Hog85, KAH+16, LS85].
**streamer** [ZAC+23]. **streams** [LGZL22]. **strength** [YFK21]. **strengthen**
[CKM+21]. **Strengths** [BBE+15, HS07]. **Stress** [FWH+17, AR18, BCOL+19,
HHK+02, IPG+16, MS02, QOS+22, VTGC19, WWZ19, XY21]. **stress-SST**
[WWZ19]. **stresses** [LEDR+22]. **Stressors** [SKCP23, dSSDS+20, TCS15].
**Striking** [XLX+20]. **striped** [JOGM+10]. **Strong** [KPM+23, KSG+17,
FELJ16, GTS+21, HSLG11, JMSB+23, NFMCS+22, SEG22a, WST+21].
**stronger** [KLC+15]. **Structural** [RLP+18, BHHR15]. **Structure**
[GIPC+15, HKGH+06, JG90, MRA+19, MDR22, PP85, SP08, TCS15, Was06,
AMFY20, AAM+14, AMG+16, AV23, Ang79b, ABT+04, ASR+20, BAM+09,
BIST01, BS90, BWB+09, BLP93, BLES16, CRGA17, CLSD18, CWB+22,
CSV+07, CDL+22, CC88, CS03, CBM+21, CFML22, CF12, CCB+20,
CTI+19, DBC+18, DW02, DRE+08, DSR21, Dol09, Dom84, DCRR+22,
DBR20, EBD+20, ESD+21, ES07, EHG+12, FMH02, FDE+22, FPS+09,
FAB+09, GSFP+09, GAF15, GCCY+14, GPP22, GDM+20, GWM+22,
GHVG19, GGA+16, GVKD+13, Ham87, Hey78, HGBG20, HSL96, HG04,
IBW+01, INT14, JSHB90, KP03, KOhL+10, Kos93, KBSB18, LCBN14,
LdCSB+20, Lon85, LS85, MLL+22, MT99, MERB12, MDAW+19, MTC14,
MLM09, Min00, MTK+22, Mol22, MK12, MTH+10, MMN+24, NYL+17,
PCM11, PJH+15, PHD+18, PBS22, PLK14, PCBA+20, QSC+15, RSW+23].
**structure** [RD03, RLR+18, RCSHW22, RBE+12, SSQ19, SSS+11, SIR+07,

SNZ+20, Sie69, SSM90a, Sim84, ŠGM+18, SPMVP05, SNMW10, SPN98, SST+17, Tan99, TWMY08, TMPM+16a, TKW06, THM+06, TSFA22, TSBS18, TPP+00, UB10, VKDS+18, VDGGD+22, WFH+22, WLL+23, WLM07, XYK+22, XHW+20, YYT+14, YNMY23, YJ88, ZHSMM14, ZLS+04, ZBRJ23, ZSBL00]. **structured** [HEF+12, MMG+13, MFS+07, MSF+07, Mau10, NGLL+22, RBNJ+12]. **structures** [AHSS22, DMBHG10, HCAFD+20, Ken88, MPM+18, OSH+96, SHC+06, SHC+07, YHZ+22, ZSH+24, AVS23]. **structuring** [CGD+18, JJA+13, KM10]. **studied** [PKA19, RWD01]. **Studies** [Ang79b, APSC11, HWS+07, KY15, LJ65, Ros65, BGM+99, BAOC+07, CAT+08, CSC+12, Cow05, DFC+21, Dri11, FACM+23, FRK+09, Has82, Hey78, ITM86, IPD14, JW01a, LOG+09, MGKW19, ML09, Mos69, Rud03, SSM+90b, SJ18, SGR+22, VPS09, WFD+07, WBA+22, WPA+24, WH89, ZNR+24, dLLdAWL+23]. **Study** [ALV+21, AYK+05, BOG20, KNI+05, ASFB+13, ABE+15, AHA+16, Ang80, AVK91, AUE+14, ALT10, BC91, BEI+20, BLHB07, BCLD+17, BHH+16, BDE03, BPTT19, BLT+08, BCL+09, CCM+13, CCRS20, CGMP14, CB91, CJMI+91, CCMS08, CKL+14, DGH+20, EALF08, ESTM13, FTSF21, Fro93, GHL15, GAPM16, HLPL05, HBV+10, HBL+13, HPNDC15, HPW10, JAC+12, JLB+08, JW01a, Ken88, KIS+05, KA85, KFC+13, KGdS+08, KH09, KS15, LJM+16, LMW+12, LSB+17, LB20, LGD+20, Mau10, MMG+11, MIW91, MRW+14, NHG19, ORW+01, PBB+20, PKP14, PWMIM91, PGC+96, PCH+08b, Pre86, RCÁS+15, RZW+23, RAE+05, SZG06, SKHD84, iUMY86, VMA+24, Ver91, VMN08, WP91, WDMMK89, XRC+15, YKWF21, YFY+22, ZDG+21, vWMH98]. **Sub** [ABD+17, ABÁS+09, BRR+12, NYH+22, BMG+21b, BCR+13, GvOSW11, HMPZ11, HDA+16, MPM+18, PM22, SBH+14, TŠT+17, VPM+19, WMB+21, WXH07]. **sub-** [HMPZ11, MPM+18]. **sub-Antarctic** [VPM+19]. **Sub-Arctic** [NYH+22, GvOSW11, WXH07, BMG+21b]. **sub-mesoscale** [BCR+13, PM22]. **sub-polar** [HDA+16, SBH+14, WMB+21]. **Sub-regional** [ABÁS+09]. **Sub-surface** [BRR+12]. **Sub-Tropical** [ABD+17, TŠT+17]. **Subacrtic** [Mil93b]. **Subantarctic** [BRR+22, Ban96, GRdSS+22, IGG+19, NHG19, TSRF14]. **subaratic** [SPB93]. **Subarctic** [BLI+99, BMN+99, CNT+19, CM11, CCW+18, KNI+05, MN88, SPS+99, AT07, BE99, BLP93, Dag93, DRD+07, Fro93, FMT15, Gif93, HBV+99, KIS+05, KST03, KRL+22, LGK+93, LMS93, LCGH07, LBP15, MSMR93, MT99, MFB+84, Mil88, MC88, MTK+22, MHVS19, MST+23b, NMO+21, NKK+05, Peñ03a, PV07, RTF+05, Rog00, SSH+05, Sek99, SPMVP05, SHS+05, TFY02, TKSI08, TT05, Tan99, TWBC+13, TSNO05, TKK+05, WFH+22, WNNI21, WSG+93, Whe93, WFR07, YAK13, AYK+05, FK99, HBL+13, HMP+13]. **subbasin** [MTL05]. **subinertial** [BPSGP+23]. **Subject** [Ano63d, Ano64e, Ano65j, Ano65k, Ano69d, Ano73e, Ano85k, Ano87i, Ano89l, Ano90d, Ano90e, Ano92j, Ano93g, Ano86a, Ano92a]. **subjected** [ACL+18]. **sublittoral** [GA01]. **Submarine** [RVC+13, AHA+16, AHD18, BRC+18, BD19, CDL19, CHG+18, CJRÁ+13,

CQZ+18, CHC+12, CD65, CHSB+21, DP18, DSC+19, DAU22, DCRR+22, DCL+13b, FBR+13, FBD18, GvOS+08, GCF+19, GBB+20, HSN+18, IVR+13, IHR18, JFEC13, JOBT05, KCL+12, KFC+13, LFCSV+13, MRH+18, Nay65, PGLG+05, PCD+18, PGT+13, PRC+20, PCC+19, RCC+18, RCF+13, RCSVGP+16, SCB+09, She65, TCDPP+22, TCDPP+23, TAF+22, TPPG10, TTF+22, TCL+15, ZFSV+09]. **Submersible** [SFAD+90]. **Submesoscale** [BPGC+20, CLY22, HNR+17, LLH+20, MBS20, MZZ+23]. **suboxic** [GGQ07]. **Subpolar** [GIPC+15, VFS+15, BDTC15, DMT15, FKZ+15, FMP19, GTNK21, HPB+09, HLM+16, KY15, KJH+22, LWT+20, Rea00, SF15, Yas07a, ZBLF23]. **Subsea** [CLMR23]. **subseasonal** [RSK+23]. **subspecies** [PMG15]. **substrates** [CDS90, GGT+15]. **Subsurface** [HMX+23, KY14, SN24, ZSH+24, ZSY+22, CLY22, Don94, MVS08, PTZ+23, PVV23, RKK+21, SBM91, YYC+18]. **Subtidal** [NH88a, BRR+22, RHBS13]. **Subtle** [DBR20]. **Subtropical** [CMJPH+18, DLC+08, GRdSS+22, HPC+20, INI+17, Kat18, LSMG01, AGL+15, BHS+15, BDBJ01, CRGA17, CMF15, DBRK17, FHG03, FCMCÁS19, FMSBW13, HSK+19, HMX+23, HM08, KF11, LRAE23, LLH+21, LMT+19, MZH+23, MS17, MSI17, MZZ+23, MTK+22, Mol04, NHH+23, NCH+07, NMO+21, PHCA17, PAF+11, RASVB+22, SHL13, SASH08, WLM+13, Yu23, YSN20, ZLG17a, ZLG17b, dPGSHL23, BSMC15, GSF+15]. **success** [BWMGCB08, BEP02, IMHL07, MAFS+22, PHLL05, YFY+22]. **successful** [DWFP+19]. **succession** [LBP+21, PFHM16]. **Suez** [Ore69]. **Sugars** [TPN+18]. **Suggested** [Ano94k]. **suggests** [PDAM+15, SLY+15]. **suitability** [BHH+16, DFH+16, HLP+16, SAY+16, WWW+23]. **sulfide** [ZPY+20]. **sulfur** [GLY23, NEI+22, OYKK+23]. **sulphide** [BCP09, TJ90]. **sulphidic** [PLN+23]. **sulphur** [TNS+05]. **Sulu** [XDG+23]. **Summarising** [BBE+03]. **Summary** [LFA+06, PAB+87b, Man69, TT05]. **Summer** [DLC+08, MDR22, OMS+09, YLY+14, AMY+23, AAMB+24, BTNK13, BvdLA+11, BSH+20, DSR21, DHDM22, DL17, EKB06, EHG+12, FB01, GDL+15, HWPLvW20, HHY03, HEF+12, IMM+22, INT14, KMS+24, KGB+23, LBC+23, LPBM17, LHC+19, LZG20, MST+23a, MSS+02, MKOLA20, MKS+22, MJA+07, NST+23, PVG+20, PTP+22, PELAA18, Par86, PVV23, RBHLA04, RVS+21, SM21, SGMP15, SSN23, SEW11, SYN+21, TII+14, TTL+04, TVT+23, WFH+22, WMB+21, WST+21, WQ08, YKS+12, YNMY23, YLL19, YJS86, YJ88, ZDG+21, dWDB+98, dFKdLZTT17]. **summers** [AMFY20]. **Summertime** [Lie86, WMWR08]. **sun** [PNF+21]. **sunken** [JZ19]. **sunscreens** [FWH+17]. **Super** [VBL+09, WSG+93]. **Super-ensemble** [VBL+09]. **superba** [AMY+23]. **superficial** [GGA+05, SGL+13]. **supplies** [ZCV+19]. **Supply** [RNBP+19, CJMO87, DTOD00, LBK+01, QCdS+07, RCSHW22, SH09, TAM+15, VGJ+19, VMN08, WP91, WW02]. **support** [AHGRAL23, BMN19, BDE03, JPM+08, WFJ+15, VSPP14]. **supports** [GTS+21]. **suppresses** [MZK+23]. **Suprabenthic** [ACL+18]. **Surface** [ABM+05, CP07, Don94, GBC+00, KBHML17, KSD84, NBR+08, NMO+21,

RM97, RCD+94, RKFD07, San15, SBPGP+23, SAT+22, SCB+16, ATS01, AMEV07, AEPW93, APP21, Ban96, BCOL+19, BH07, BHC+18, BF01, BRR+12, Bre06, Bri83, Cai95, CLV+19, CPC+15, CVBG21, CMHM18, CSS+19, Cia22, CPSM20, CPNL07, CMF15, CRHM12, CBT07, CM14b, CEF+13, DHC+20, DWH+14, Dem09, DVB+18, DSC+21, DL17, DDJ+21, EALF08, EGPM+15, EBR+14, FFA09, FBT+22, FWH+17, FLDF22, FTG+18, GPA+11, GL06, GEPC15, HMTL05, HKN+14, HMRB+03, Har82, HHK+22, HZCZ16, HMX+23, HJLLN07, Her97, HT97, HMPZ11, His22, hHCK01, ICB+19, IHT+21, IU14, Iwa23, JW01a, KK20, KTN14, KGL22, KKNT23, KDL+01, KPSB17, LW85, LOO22, LCZ+24, LFBP+13, LBD11, McD88, Mit91, MFM85, MKS+22, MKSW+15, PO00, PFW15]. **surface** [PTG95, RCB+20, RDL+91, RI86, RGI05, Rud89, SPF+23, SCHBC+22, SLG+12, SN24, STG+18, SDGVE17, SCCJ+18, SSTL16, SC23, SMGL01, Soh03, SPV+15, SRG+19, SJ02c, SJ02b, SYN+21, TM13, Tho95, TSRF14, TBW00, VSA+21, VBL+09, WFH+22, WLD+15, WH20, WST+16, XWL+22, XCH+16, YIY+04, YSY+19, YPM+10, YSS14, YYK+12, ZLC+15, MOS+13]. **surface-sediment** [SSTL16]. **surficial** [Cow05, RSB+01, ZHBW01]. **Surge** [Cho86, MFH86]. **surplus** [TGJT09]. **surprising** [WSH15]. **surrogacy** [HSN+18]. **surrounding** [RK03a]. **Survey** [HBD+18, ASJ+23, BGMP03, CNBD21, DPH+18, DPR+18, Hop64, HFK03, KDB95, OIC+23, PHD+18, TIOM16, VR03, WH94, WPA+24]. **surveyed** [BBMR19]. **surveys** [CHB02, EGP+18, HKL+15, LPBM17, MSA+22, PV18]. **survival** [AHP19, AHC+13, CCS+21, DPGC14, HLP+16, HPNDC15, IMHL07, IOGS13, KBF+08, Kli10, MGKW19, MI21, PHFK14, SKGS20, SMPC+12, SLY+15, WBF+21]. **Suspended** [CLG+00, MFY+86, Par63, DCS+22, FRV+19, FDE+22, IU14, JGO+98, MBdM+18, MLL+15, NKK03, PPCWJ18, PLP99, PBP+99, SRF+19, SPB+02, USH15a, VFCC+22]. **Sussex** [JS87]. **sustainability** [GHF+21, LCANAS+07]. **sustainable** [McI10, Ric01]. **Sustained** [HBD+21]. **Svalbard** [SON+20, FGL+23, GIHJ23, JCM+21, KMSTK23, MIN+20, ON22, RBR+23, VNH+23]. **Sverdrup** [MCKS17]. **SW** [CÁM06, SVL+23, CMS+13, Gal17, KPSB22, LWBD+17, MGC+18, PYKF15, TCDPP+22, YHM+18, YPVP+22]. **swallow** [RLC85, Ano85a]. **Swansea** [Ang80]. **swell** [CBB+22a, VTGC19, ZKT88]. **swift** [Cra09]. **swim** [GGT+15]. **Swimming** [ASC07, FGS+23, BLP+20, SS17, SK17]. **Swirling** [CBB+22c]. **swish** [SL13]. **switching** [VWDF14]. **Swoddies** [TMPM+16b]. **swordfish** [SYB+15, YGL+10]. **symbiosis** [AB90]. **sympagic** [SHC+06, SHC+07]. **sympatric** [NHE+13, SBC+16]. **symposia** [CSH+23]. **Symposium** [LM10, HMWM00, BK08, SRM+10]. **synchronicity** [PVA24]. **Synchronies** [LSS+09, KQP+17]. **Synchronization** [Yu23]. **Synchronized** [QNK+22]. **synchronous** [KOhL+10, PCR+22, TOKLC08]. **synchrony** [BMO12, MDAW+19, SBL+23]. **Synechococcus** [SDS+22b]. **synergistic** [Sie88]. **synergistic-consortia** [Sie88]. **Synoptic** [GRLS14, LPBM17, OPL+21, CP83, LZL+22, SMR+20, SGMP15, ŠVL+15, iUMY86]. **Synoptic-scale** [GRLS14, OPL+21]. **Synthesis**

[BK08, CAT+08, CKT+13, GTS+21, HMO+13, LGZ+20, MOS+13, MS15, ARH+00, ABD+17, AIA+18, Dri11, DP13, EAL+07, FTG+11, HHH+12, HMKF08, MRMD+97, MB05, MGK+86, MST+23b, TBK+99]. **synthetic** [Ric94, VOT+99]. **System** [AAM+14, GBC+16, MAB+11c, MAB+11a, MAB+11b, PAVB+21, ABE+15, AASJ23, AVK91, BC91, BTK+99, BIST01, BFB+20, BDT+08, BF01, BMG+21b, BHHS83, BLT+08, BLMR+20, CFM+18, CQZ+18, CB91, CGZ+16, CP83, CJMI+91, CTP+18, CKL+14, DLM+12, EALF08, ESTM+12, ES07, EB08, EBvdL+09, EHG+12, FFA09, FVLC+23, FDH20, FWBC02, GSFP+09, GMAMB04, HHK+22, HGD22, HSH+19, HKGH+06, HFPS+06, HNR+17, IVR+13, JE92, JW01a, KAH+16, KAK+22b, KMSTK23, LSV14, LFG10, LBP15, LSW02, MERB12, MCG+02, McD81a, MMES16, MIW91, MR03, MJC+17, PM13, PBS22, PWMIM91, QNK+22, RBL+19, RAP95, RDC+21, RÁSG+13, RBS+09, SNV+18, SHD+21, SAM+04, SGO+08, SCLS10, SKRM+95, SHT+01, TMH+16, TLH+15, USH15b, VSGC21, VSA+21, VAEP24, Ven12, Ver91, WP91, Whi95, WFS+15, YKWF21, YGC+21, ZHF+24, AH10, ÁSDB+01]. **System** [ARG11, CCW+02, CBGC+08, CB09, CRT+22, CRHM12, CLdPHL23, DFM+21, DPF+20, GDI+09, GCED22, Hau84, HLGA07, Hic79, HW02, Huy83, JIT+01, JBB+14, KSD84, LO07, LQU07, LO21, LPF+18, LABD+24, LB02, ML09, MAB+11a, MAB+11b, PO15, REG+15, RMK+21, RD03, RZTD17, SFMA20, SE16, SDK84, Sim84, SKHD84, SAd+17, SBG+08, TMÁGC+21, TSJ+12]. **Systematic** [GJ00]. **Systematics** [BHB+19]. **systems** [BCL+09, CLV+19, CPO+19, CED09, CTI+19, Dem09, EBvdL+09, GHVG19, GCF+19, HDM19, HVEF09, IPF23, JPM+08, KMB01, KSC10, KHJ+10, LZL+22, LSB+17, LSD+18, LHF+16, MS02, MC15, MAB+11c, MAB+11a, MAB+11b, MZGA+20, MCGS+16, PBO10, PP10, PFHM10, RFSCF19, SWP+13b, Sma10a, Sma10b, ST10, TPRS10, MFM15, TBW09].

**T** [Ang80, BDB+22, PCK+06]. **T.** [GBG05, MRAP22]. **Tōhoku** [CLB+14]. **Tagging** [PMM+23]. **tags** [BMC+10, FFT+18]. **Tagus** [JGO+98]. **Taiwan** [DL17, JC88, LHC+19, MH14, STJ+14, WLP+21, Yin88, ZLX+20]. **take** [ROBRB+22]. **takes** [WJPHB15]. **tale** [BKC15, SWT+17, Wai21]. **tall** [TDK+16]. **Tanaidacea** [JPB20]. **Tanaidacean** [SPB19, BJMP19, BJMP20, JPBB20]. **tank** [FHL+24]. **Tanner** [RKCH15]. **Tantulocarida** [PKA19]. **tantulus** [PKA19]. **target** [CBB+22c]. **Tasmania** [OLH+18, RL23]. **taxa** [ALM+23, GSV+01, WPA+24]. **taxon** [LB20]. **Taxonomic** [CSR90, CCW+18, Kam19, PVM+20, YMA+17]. **taxonomy** [JZ19]. **Tchernia** [Hof81]. **technical** [BCF+03, SPK+19, TDH+95]. **technification** [PPSV+18]. **technique** [Jer65]. **techniques** [BPGD+14, BGR+15, SNV+18, Tom81b, VBL+09]. **Tectonic** [JFG+90, Kit03]. **teleconnection** [Has06]. **teleconnections** [OÁT+05, ZLC+15]. **telemetering** [Dah69]. **telemetry** [MHR+10]. **tell** [RMB+01]. **telling** [VLUC+07]. **temperate** [CDB+22, DBW+22, FB05, GMDD+22a, HAH+22, LM18, LBP+21, MPD+22,

MFDH22, MAFS+22, PDD+22, RCSHW22, RHM+19, SSB20a, SMP+22b].
**Temperature**
[GSM+17, Yao88, Zen08, Ång65, ATS01, BCOL+19, BHHR15, Bre06, CGB07, Dem09, DDJ+21, ED82, FVLC+23, GAPM16, GEPC15, HKN+14, HJLLN07, Her97, HT97, HHH+12, hHCK01, KGL22, KC15, LSXT01, LHW+20, LLX+21, MEMP15, MMF+17, MPSS91, Mid69, MKM86, MFM85, Mol22, MSB+23, NGNV12, NKK+05, PO00, RG09, Rou65, SCHBC+22, SDP+22, SMGL01, ŠGM+18, Spr08, SLY+15, SPV+15, STGR+23, TMN+12, TOKLC08, Tom81b, VYGMM+17, WHT86, Whi95, YYK88, YPM+10, Yin88, YYK+12, ZLC+15, dLLdAWL+23, dPCS23, vHMDL14, Rou65].
**temperature-depth** [ED82]. **temperature-salinity** [ED82].
**temperature/salinity** [Tom81b]. **temperatures**
[DW02, NPO+19, YKNO23]. **template** [DAKV99]. **Temporal**
[BTS+15b, BMNW01, BLP93, CCHV+21, FTSF21, FELJ16, GMBU12, GSV+01, HSMLDC+22, HLM+13, HYM+12, HHZ+22, ILA21, ISM+02, KBC+22, KMWF11, LSMG01, MLD+03, MCD+07, MPC+17, MCT03, MSL+07, PS23, SBL+23, STB+92, SKP99, SK21, VK90, VSC01, VDB+20, WLM+13, BDB+04, BMO12, BBE+03, BBB+21, BSC+07, BFV+17, Car98, CGG08, CSC+12, DAvD+20, DAvD+21, DDCE+23, ERT+22, ESGP17, EM12, FHP83, FFT+18, GBT+19, GMAB07, GRD+23, GFB+15b, GFB+15a, GGA+05, GIPG17, GHG+24, GVKD+13, HvDL+17, HLD+21, HVEF09, Igu04, IVR+13, JFUR20, JW01a, JHW+14, KBE+22, LFC+15, LSB+17, LSD+18, LCGH07, LLX+21, LdCSB+20, MRM+14, MSC+15, MHS+20a, MHS+20b, MDB+20, MFDH22, MPSD15, MHS+09, MZ14, Min00, NTU+14, OAM00, PSP+21, PS98, RCF+13, iSIS02, SPB+12, SEG+22b, SEG22a, SK18, ŠGM+18, SMPC+12, SLH+19]. **temporal**
[SKH00, SJLW23, TvW98, TS10, TKK+05, WM13, WGM+24, WTT14, WHK23, YPVP+22, YMK+04, dLLdAWL+23]. **temporary** [MOSN+13].
**tenuimana** [ACK+13]. **TEOS** [AdAK+18]. **TEOS-10** [AdAK+18]. **TEP**
[ORMR+19, Pas22]. **term**
[APC13, ABE+15, AVK91, BC91, BGM+01, BBR+01, BLCL14, BD18, BF01, BBL+09, CMF+09, CSMGS19, CB91, CSK+12, CB17, CJMI+91, DLM+12, DLM+96, FRV+19, FB01, FMP19, FAH+13, FMSBW13, GML+23, GMD+22, GHL15, HFS+20, hHRW+05, HHZ+22, JSA+08, JLS+22, KON14, KNS+03, KRHS14, LO07, LHE+13, LSIC12, LSXT01, MLL+22, MDAW+19, MDGC+12, MIW91, Nag01, PGY+22, PG10, PWMIM91, Reb02, RÁSG+13, STJ+14, ŠGM+18, Spr08, TFY02, TMN+12, TKW06, UPPS+21, VMB+22a, Ver91, WP91, WFD+07, WHBW03]. **terminal** [MBCB88]. **terminating**
[GHVG19]. **termination** [Luk86]. **terms** [Due77]. **terns** [Cra09]. **Terrace**
[MGS90, VK90]. **terrain** [DBR20]. **terrestrial** [CKP+20, DWC06, KiL14, RBL+19, SVHM+13, SMN+14, SGO+08, SCS87, ZHF+24].
**terrestrial-marine** [RBL+19]. **terrigenous** [PGT+13]. **test**
[BTNK13, BF11]. **Testing** [DTC+06, LM97, MPB+23]. **tests** [PTF10].
**Teuri** [DWNN04]. **TEX** [SBH+14]. **text** [Ang79a]. **Th**

[AYK+05, DTKvH15, HPZC21, ST65, TAF+22]. **Th/** [AYK+05]. **Thalasseus** [Cra09]. **Their** [VJJ+22, AH15, Ang79b, Ang80, Ang89, AOMZ+23, BLP+20, BPSGP+23, BF12, BAP+22, Car98, CVBG21, CRT+22, DSAB20, EHG+12, Fla02, Gam14, GLY23, GGT+15, GA10, GMAB07, HPS+01, HKK12, HHSR07, HPW10, KTN14, KiL14, KM22, LSXT01, MPV12, MGS90, MB20, MNS+24, MDAW+19, Mau10, McD81b, MS17, MR03, MST+23b, NMLBCM+01, NMN08, OOTA15, PTM+22, Pra97, Ric22, RGI05, RCSVGP+16, ŠVL+15, SIS+14, TCN20, TvG02, VCM04, WGZZ19, WR03, WL16, YSS14, YN03a, ZLKO00, ZGZ19, ZLX+20, ZHBW01]. **thematic** [MRH+18]. **theme** [BHMS09]. **Themisto** [AE09]. **theorem** [BBF+22]. **theoretic** [DYO+10]. **theoretical** [BH07, GD91, Szu12]. **theories** [MS00]. **Theory** [Har05a, CGB+23, CRS04, Dea85, GCCY+14, Kun03, NP00, RK03b, Ste04, vRGW10, vdS94b]. **Theragra** [MLPN06, YNM+02]. **there** [BBLD+11, BT07, MKB00, SHF01, PPPdS20]. **Thermal** [FKH+13, TNC+09, Wun24, CP83, HGD22, KAK+22a, MK12, PLK14, SBM91, SI97, WLM07]. **Thermobaric** [Har05a]. **thermocline** [FMSBW13, HTdM+15, HLTB+17, LS85, TSP+13]. **thermodynamic** [FH95, Fei03, Fei04]. **thermodynamical** [HKL+15]. **Thermodynamics** [War06, Ano94c, Fei93, FM07, MKM93]. **Thermohaline** [KBSB18, ASR+20, Cai95, NTU+14, RK03b, RR03, SCPN15, Sme93, ZSH+24]. **Thermostads** [Tsu86]. **Thick** [PdMS+13]. **thickness** [WZFW16]. **Thin** [BLMR+20]. **think** [Bak01]. **thompsoni** [GBH+20, LS12]. **those** [KFC+13]. **thoughts** [Car97a]. **threatened** [CLB+13, YZX+23]. **threatens** [IG19]. **Three** [BBPHG+11, BASS+20, Dav85, HBD+21, LHC+19, McK15, RL23, SGMVF14, VBL+21, YHZ+22, CES+19, CP19, CBPS+22, DJ92, FYYC05, GWB14, GDM+20, GGA+05, HG04, KDF97, LSM+22, LLX+21, LGG18, Mar20, MRW+14, MR03, MJC+17, PMG15, RFSCF19, RK03a, SN24, SEG22a, SBM+23, SPMVP05, WBB+01, XD95, YWUK15]. **three-component** [LLX+21]. **Three-dimensional** [BBPHG+11, BASS+20, LHC+19, SGMVF14, YHZ+22, GWB14, KDF97, MR03, YWUK15]. **threshold** [XYWY23]. **through-flow** [vAB96]. **throughflow** [DWH+14, MH14, Tal08, MMF+07]. **throughout** [BHS+15]. **throughput** [HHAR23]. **Thunnus** [BMC+10, FFT+18, GA10, HHP10, KKKY10, KTIT22, LOBG+10, MRAP22, NXT+17, XNT+17]. **thynnus** [GA10]. **Thysanoessa** [CNT+19, FMC+20, MPSD15, SIR+07]. **Tidal** [Car97b, Egb97, FBS+18, MHCS+23, Pra97, RI86, RGPB+23, TDK+16, ZZWL06, BLR+23b, BMM97, Car97a, CR97, DOP87, DEW+97, ESA+13, FY88, GWS+23, Hen73, Kag97, Mun97, RW97, RCSA01, SVL+23, SCPN15, SPN98, TDL+17, WSL20, XD95, YMI88]. **tidally** [NNM+21, XD96]. **tide** [AK97, HHWW20, LM97, NTU+14, SA97, XD96, Yux88, vHMDL14]. **tide-induced** [NTU+14, Yux88]. **tides** [Arb22, AHD18, Bak83, CGW+22, CZW+22, DJ92, FGSA97, GF97, GCD97, JFUR20, KT97, Kiv97, KDF97, LL97, MMGL+07, Mun69, NGLSSG14, Pra04, RM97, RPSVLS14, SNMW10, TYO+14, WWL+22, WGM+24, WHIH97, ZCA21, ZQWP23, ZZPL18].

**tidewater** [VNH+23]. **tied** [TDGY22]. **Time** [KV18, LMS93, NIF+15, PB07, Whe06, AIA+15, AT07, BSFM+12, BBL+18, BAOM+12, CIL+23, CP83, Coo69, CNBD21, EHFD12, FTSF21, GW89, HFS+20, HLM+13, HFO+22, LQU07, LCJ+17, MGE+12, MGF+13, MNT14, MAH+15, MFDH22, MVC+11, MPSS91, MMG+11, MA12, NCH+07, ORVES17, OÁT+05, OAWAN18, Ric01, RPRCAG+21, RSD+90, Sie69, VLUC+07, VBL+21, VDGGD+22, WST+21, WSO+13, Wun24, XCH+16, dPAJ07]. **time-average** [Wun24]. **Time-dependency** [LMS93]. **Time-series** [Whe06, AT07, BAOM+12, Coo69, HLM+13, MMG+11, NCH+07, WSO+13, dPAJ07]. **times** [Men21, WJE+92]. **timeseries** [LPS+19]. **Timing** [LSH+11, AW13, BSF+21, CCH+12, HBD+18, IOGS13, LBC+23]. **tip** [WCC+20]. **tissues** [AB90]. **TIW** [NIC+19]. **Tiwi** [RZW+23]. **Todarodes** [KSK+15]. **together** [RK20]. **Tokara** [CZW+22]. **Tomczak** [MC08, YRKC08]. **tomography** [GW89]. **Tongue** [Fuk91, HDB13]. **tonsa** [BD20]. **Tony** [Bil01]. **too** [WSO+13]. **tool** [BFPS06, BMN19, CAO+20, FAAV+15, FC05]. **toolbox** [KHJ+10, MLL+15]. **toolkit** [WCB+20b]. **tools** [JPM+08]. **toothfish** [PWZ+16]. **TOp** [LM10, AH10, AF10, FZY+23, FFA06, PPD+12, RGMPR23, BVJE19, DYO+10, DSAB20, GPEV20, HS22, HM06, Jac10, KM10, LAD+18, MLPN06, OWR+07, SFS+12, SIB+06, XYK+22, ZK06]. **Top-down** [AH10, AF10, FZY+23, FFA06, PPD+12, RGMPR23, BVJE19, HS22, HM06, MLPN06, SIB+06, ZK06]. **top-heavy** [XYK+22]. **TOPEX** [DEW+97]. **TOPEX/POSEIDON** [DEW+97]. **Topographic** [Ham09, VKDS+18]. **topographies** [Bak06]. **topography** [GSA+20, OAWAN18, RD03, SBG16]. **Tortugas** [KAK+22b]. **TOSCA** [BBM+14]. **total** [BTS+15b, KBC+22, Rei86, Rei89, Rei94, Rei97, Rei03, BBF+22]. **totally** [GGA+05]. **Toxic** [PMMN+22, CGD+18, PTPY+23, VMV+23]. **toxins** [CAH+22]. **TPXO.2** [DEW+97]. **Trace** [CGD+18, ORB+18, BJ17, CE84, CFC+18, HF65, KIS+05, LTJ+15, LJ65, MDL+12, TCDPP+23, ZNR+24]. **traced** [PRL+18, ZSY+22]. **Tracer** [APSC11, BS95, HHP06, MWJ+08, TNS+05, VKT15, WNNI21]. **tracers** [AJV+02, GSPP+20, LvBS+24, Rei86, Rei89, Rei94, Rei97, Rei03, WRS+92]. **Trachurus** [BHH+16, ZL01]. **Tracing** [Sme93, ZGZ19]. **track** [KST+10, LKDL14, LMH+13, MHR+10]. **tracked** [LC16, RBZ00, ZBLF23]. **Tracking** [GPE+17, PM22, AGD+18, JIT+01, Ric94, RLC85]. **trade** [KSY+19]. **trade-offs** [KSY+19]. **traditional** [KSY+19, WPA+24]. **Trafalgar** [SVL+23, BPGC+20]. **Trails** [WKS+15]. **training** [DHB+21]. **trait** [ECFT20, GNH19, NGLL+22, SPSV+20]. **trait-based** [NGLL+22, SPSV+20]. **traits** [DLL+23, KBE+22, MRH+14, RNBP+19, SHD+21, THBA19, TMR+21]. **Trajectories** [MK86, AKAL20, Kir06, LKDL14, LC16, MJ88, PKV18]. **Trans** [GPC+03, FFT+18, LAGM+23, GWGR+19]. **Trans-Atlantic** [GPC+03, LAGM+23]. **trans-Drake** [GWGR+19]. **trans-Pacific** [FFT+18]. **Transatlantic** [GBB+19]. **Transect**

[AB00, BJ17, KBHML17, PHCA17, SWT+17, BHC+18, BTV+17, CGM+02, KRL+22, LM00, LGR+02, LHEB98, ARH+00, Ano17a, RNP+17, ZSBL00].
**transects** [Mol22]. **Transfer**
[SGL+17, VHK03, MRA+19, MGS90, SSS+11, SHD+21, Tho95, VHK04].
**Transfer-function** [VHK03, VHK04]. **transfers**
[BMG+21b, NBG+05, QYF+24]. **transform** [OP18]. **transformation**
[ASC92, CCRS20, KHBA+24, MY23, RKS+15, SGMP15]. **transformations**
[BS02, GIPC+15]. **transforming** [OCH+18]. **transgressions** [Med87].
**Transient** [Hol00, RKM+07]. **transiently** [BGL+17]. **Transit**
[LCJ+17, Men21]. **Transition**
[BMN+99, INI+17, PHKS17, RMHL09, BAM+09, BAT+98, BA04, BBPHG+11, BB14, EM12, GMAMB04, GASV+09, HLGA07, IMM+22, JPIP22, MTK+22, MGH+07, MTH+10, PHKS01, SAM+04, SJM+19].
**transitional** [VKT15]. **transitions** [JS90, ORMB08]. **translated** [Ang79a].
**transmissions** [DEW+97]. **transmissometer** [GRMB18]. **transparency**
[GZCL23]. **Transparent** [MPM+17, ORMR+19, Pas22, RTF+05].
**Transport** [GPA+11, MNFY21, SCLG+11, Soh03, TCDPP+23, TAH+11, AdAK+18, AC85, AFH+11, ASC92, BBB+14, BMC05, BBM+14, BDBJ01, BMG+19, CB17, CHSB+21, CCD+13, CS06, CBD+24, DWH+14, FLdST98, FK86, GMAMB04, JC04, Jón07, KHD22, KSK+15, KBSB18, LDAM+07, LGD+20, MGKW19, MLHE23, MWJ+08, MWO+12, NBR+08, NNO+14, OOTA15, OAWAN18, ÖÜT93, PPdM+12, PCSMC12, PDAM+15, PGG+22, RBL90, SVHM+13, SFMA20, SGMP15, Sei63, SMN+14, Sek88, SCC14, STJ+14, SMM+90, SMPC+12, Tal08, VK92, VAGMDRS22, VMH+21, VB14, YSY+19, YCP+12, YAI+14, ZSH+24, ZZWL06, vWdSBdH02].
**Transportation** [AHSS22]. **transported** [PGT+13]. **Transports**
[MRO+08, APN+15, GIPC+15, HGPFN+14, HGT16, RBS+20, RBS+22, Rei86, Rei89, Rei94, Rei97, Rei03]. **trap**
[BPTT19, HMKF08, MXC+21, NIF+15, RF17]. **trapped**
[CSLJ03, KWI20, vHMDL14]. **traps** [BEI+20, VK90]. **Travel** [GW89]. **trawl**
[ATC+19, CHB02, DJW+18]. **trawling** [DJW+18, PPSV+18, PRA+18].
**trawls** [RKK+21]. **Trench** [AM19, AP20, AB90, BBFS19, BC19, BBRM20, CES+19, CP19, CBL+19, FTHK19, GKR20, GM19, GHSC19, JPB20, JGB20, Kam19, KKKS14, KCBS20, KKS+19, MA20, MB20, MDG+19, SSKA19, SKF20, SPB19, UKK+19, YTL+19]. **trenches**
[BHB+19, DSAB20, KKKS14, SJ18]. **trend** [KC15, LGZW22]. **Trends**
[Dem09, GSF+15, LW13, OLH+18, RJO+19, AH10, BAOC+09, CSR90, CMF+09, CSG+15, CLdPHL23, CM14b, CR20, FTC+16, FAH+13, GPAB+16, GSSWK20, HSG+15, HHH+12, hHRW+05, JSdSS+21, KGL22, LSS+10, LSS+09, MDAW+19, MS02, MMPG07, Reb02, SGL+18, SGA+19, SON+20, SAd+17, Spr08, VYGMM+17, VDB+20, Woo18]. **tribute**
[Ano20u, SMB88, WR03]. **Trichodesmium** [LMT+19, McK15]. **tridens**
[AHRT90]. **Trieste** [Her88]. **trigger** [RFKC16]. **triggers** [HS22].
**trispinosus** [AHRT90]. **tritium** [MBB+96, SBK+95]. **Trophic**

[BWB+09, CARBML+22, CDP14, DKRL22, Dol09, FMM+20, GCP08, HLTB+17, KSS+23, MGS90, PPHM18, SBC+16, SPG+06, TTB+08a, TTB+08b, THM+06, WDC+11, YLL19, YGMR+23, ALM+23, AHW+15, BAM+09, BCGN+18, Car98, CMF+09, CAT+08, CSG+15, CCB+20, DDDT99, EBM+20, EBM+21, EBD+20, ESD+21, FAB+09, FDB+21, FK99, GSFP+09, GSVB23, GWM+22, GCD+13, GAPM16, HBG+21, HSL96, IPG+16, KSB+22, KLC+15, LLL+11, LCBN14, LMS10, LPHL+05a, LSMG01, LLAPG+22, LvIKB07, MPC+17, NYL+17, NRA+21, PCH+08b, RSW+23, RPRCAG+21, SSS+11, SF02, SHD+21, STM10, Sie88, SPH+15a, SPMVP05, SNMW10, SIB+06, SSW+09, Tan99, TWMY08, TSS+12, TMKJ+09, TAM+13, TS10, YZX+23, YWUK15]. **trophic-level** [SIB+06]. **trophodynamic** [PL09]. **trophodynamics** [CFML22, EB08]. **Tropical** [ABD+17, EBM+21, MPSS91, SKH00, VVV21, WFBN+13, WLL06, AALM06, ASR+20, BPF06, BHS+15, Bri79, CPC+15, DN07, DNNNN16, Don87, Don94, FÁFL06, FT06, FL06, FLUC08, GLY23, GdRGC+14, GAM98a, GAM98b, GA00, Gri22, HKK12, HMPZ11, HNSP+19, JLP+20a, JLP+20b, JSKM02, KSV08, Kes06, LRAE23, LFA+06, LYM12, Leh01, LOO22, LSW+21, MZH+23, MRA+19, MMR+12, MNM06, MFM85, OHC+17, OCH+18, PTP+22, PMK+06, PGS+22, PHCA17, PFE10, RDL+91, RHB23, RASVB+22, SBC+16, SBM91, SCY+23, THBA19, Thu90, TŠT+17, VMN08, WF06, WF07, Yu23, dPGSHL23, AKAL20, EBM+20, PTZ+23]. **tropical-subtropical** [RASVB+22]. **tropicalize** [FSAO22]. **tropics** [MBH+01]. **Trough** [GD85, DDCE+23, Rot65, ZLC+15]. **Trougho** [DYL+15]. **troughs** [MIN+20]. **trout** [SKGS20, WBF+21]. **tsunami** [CLB+14, DLM91, RV17]. **Tsushima** [BC88, IMW+14, KMOM88, KL86, MK86, MKM86, MWO+12, Sek86, TOiF+12, TKW06, TKWI08, YKWF21]. **Tsushima/Korea** [MWO+12]. **tuna** [AQVB+10, BMC+10, DFH+16, FFT+18, HLTB+17, HHP10, JTGM10, KKKY10, KAK+22a, KTIT22, LSM08, LSS+10, LOBG+10, MMIB10, Mau10, McI10, NXT+17, OPG+10, PMM+23, PYKF15, PGS+22, RDP+21, SBC+16, SSL08, XNT+17]. **tuna-like** [LSM08]. **tunas** [DAIS10, GA10]. **tunicate** [MM90]. **tunicates** [LSH+22]. **Tunisia** [FTG+18]. **turbid** [LHE+13, SLM+16]. **turbiditic** [CBD+24]. **Turbidity** [MH02, PGRP+18]. **turbulence** [BCG+08, FG16, HHK+02, XD95, vHCY+20]. **turbulence-** [FG16]. **Turbulent** [Gar06, BIST01, GD91, PTF10, PTF12, PCBA+20, TYO+14, YYT+14]. **Turks** [Ché14]. **turnover** [CC23, CRC+19, CJ92, KKKS14, RSD+90, STHM02]. **turtle** [CdTH+16]. **turtles** [CBB+22c, MHR+10]. **Twelve** [GAM98a, GAM98b]. **twentieth** [LSW02, RD11, WBH15]. **twentieth-century** [RD11]. **Twilight** [VLCCP14, HSLG11, MLHE23]. **Two** [BAARB05, JIT+01, LOO22, MMK19, WJPHB15, ABD+17, ATC+19, AKH+23, BFP+18, BKC15, CBM+21, DM13, DLL+23, DSC+19, DAU22, EMU+23, FB01, GvOS+08, HGH+19, HBH+17, JG90, Kaw86, KOT+21, LO07, LNB13, McD81a, MSA+22, MMG+11,

MHCS+23, MSFZ19, MCGS+16, OMS+15, RAG+19, SWT+17, SBLA10, SHC+06, SHC+07, SJD10, WSH15, YYK+12, vFB82, vPRT90]. **two-dimensional** [Kaw86]. **two-layer** [McD81a]. **two-mode** [vFB82]. **two-source** [SHC+06, SHC+07]. **Two-way** [BAARB05]. **Tyler** [Ang80]. **Type** [NP00, BPA+21, JSdSS+21, TSL10]. **types** [FLdST98, HLK13, IVR+13, KCL+12, LBP+21, Nie07, SN24, YYK+12]. **typhoon** [DL17, GLY23, HLS+14b, PLK14, vHCY+20, WZC20]. **typhoons** [MK12, DFC+21]. **Typical** [Kra69]. **typicus** [BLHB07, BHLU+07, CCG07, CH07b, CBHL07, DK07, IMHL07, MCD+07]. **Tyrrhenian** [ALG+21, CFM+18, GCLD19, NIC+19, PRA+18].

**U** [ST65, AYK+05, TAF+22]. **U.S** [Ang79a, CTKF+23]. **U.S.** [CZG+21, KFM+17, RSK+23, WLM+22, WH89, dPCS23]. **U.S.$69.00** [SW81]. **U.S.A** [Ban65]. **U.S.A.** [Let87]. **U/Th** [TAF+22]. **UAVs** [Ric15]. **ubiquitous** [BD20, EGPM+15]. **UK** [CWB+22, SV97]. **Ulleung** [LXC+22]. **Última** [MPTMK22]. **ultraabyssalis** [AM19]. **ultrahigh** [ZBY+22]. **ultraphytoplankton** [CGD+18]. **ultrastructure** [JG90]. **unaccounted** [CMF15]. **Uncertainties** [FRV+19, ZD17, JVJ+17]. **Uncertainty** [LS20, TLP+16, BMN19, CSBL+15, LIH+12, MLHE23, MCB+10, MCH+12, Oll15]. **uncertainty-based** [BMN19]. **uncommon** [MS02]. **Uncorrelated** [WPB+08]. **under-ice** [KSB+22]. **Undercurrent** [Luk86, JC04, Kos02, TJ73, Yos80, MZH+23, TLF+89]. **Underground** [NF87]. **underlying** [BLR+23a]. **underpin** [HBD+18]. **underrated** [AM10]. **understand** [BMG13, CWS+21, CRiI+15a]. **Understanding** [BT07, GWS+23, HLS+14a, KSK+15, PCK+06, RKC+10, VAEP24, YYK+12, ABC+99, CDL19, FGS+23, MSI17, RAB+11, Smi05]. **underwater** [Ban96, Jer65, Kaw86, KHM+88, RZTD17]. **undescribed** [HCV+20]. **undesirable** [McK08]. **undulating** [RCM+03]. **uneven** [YHRT22]. **unexpected** [LZF+24]. **unexploited** [hHRW+05]. **unicellular** [AV23]. **unicorns** [Mar20]. **unified** [CEF+13]. **Uniform** [VMB+22b, FWL+15]. **Unifying** [CW06, BRG+15, CWW15, WCB+20b]. **Unimak** [STGR+23]. **unique** [BJMP19, BJMP20, vRGW10]. **United** [Bum73, Eme65]. **Uniting** [RK20]. **units** [FCEZ10]. **univariate** [SBM91]. **unknowns** [OHH+22]. **unprecedented** [VMB+22a]. **unpredicted** [dSSDS+20]. **Unraveling** [Oll15, SBMB18, ZCV+19]. **Unravelling** [DLL+23, HPNDC15]. **unsaturated** [WPB+08]. **unselective** [DAF+22a, DAF+22b]. **unstable** [dSPF+23]. **Unstructured** [CTA16]. **unsupervised** [MMF+17]. **Unusual** [AB90, CB06, KO19, RPSC22]. **unusually** [ZWM+15]. **Unveiling** [PTPY+23, TTF+22]. **Updated** [GGT+15, CR20, PHKS17]. **Updating** [VYGMM+17]. **Upper** [GCED22, MMR+12, PS91, PP85, WLM07, BHHR15, CWZ+20, Dur09, GR17, GBC+16, GGG+18, HWPLvW20, HKL+15, HGTP+19, HTdM+15, HLSX22, HDB13, JSKM02, KMS+24, KVNT20, LZL+22, LGZW22, LH89, MR06, MWS+10, MK12, NDEG22, NH88b, RGPB+23, SIB+06, Tsu86, WGZZ19, Whi95, ZHBW01, SW21]. **Upper-level**

[PS91]. **Upper-ocean** [WLM07, GR17, HKL+15, HTdM+15, LGZW22, MK12]. **Upstream** [LS85, ESTM+12]. **Uptake** [FCG88, CKM+21, HMPZ11, WCC+20]. **upwelled** [HHB+01, HW02]. **Upwelling** [AH80, Ano09h, CM09, FBA09, FAB+09, JIT+01, PSM+22, SCD+07, SE16, VNMS91, AJA+22, ÁSDB+01, AMEV07, AAM+14, AMG+16, AJHC19, ABT+04, ABÁS+09, AVK91, AE09, BC91, BGM+01, BAT+98, BIST01, BA04, BFR13, BLT+15, BFB+20, BEP02, BFH01, BCM+02, BWB+09, BAOC+09, BF01, BM07, Bri83, BHHS83, BCL+09, BLMR+20, CTF07, CED09, CB91, CJMI+91, CCD+13, CNBD21, CS04, DLM+12, Dem09, DRVMC+22, EALF08, ES07, EHG+07, EM12, EHFD12, EBvdL+09, FC07, FTSF21, FFA09, FEGA+14, FAAV+15, FLDF22, FELJ16, FPS+09, FWBC02, GMBU12, GRLS14, GSVB23, GDL+15, GCB+22, GEO09, GGPG+19, GMAB07, GCP08, HPS+01, HYM+12, HE07, HEF+12, HHMB+09, HNR+17, HVEF09, Huy83, IVT+12, JJA+17, JW01a, JRW01, KCPM09, KSC10, KHJ+10, LOG+09, LDB+02, LPF+21, LWBD+17, MRA+19, MERB12]. **upwelling** [MCG+02, MMES16, MLK+09, MC15, MIW91, Mit83, MMF+12, MDC+07, MHCR+12, MA12, MDL+12, NMC+09, NH83, NIF+15, O'B83, OAWAN18, OÁSG+16, PAM+88, PD15, PBS22, PWMIM91, PP10, PFHM10, QCdS+07, RCGC+16, RBNJ+12, RF17, RÁSG+13, RAG+19, RR01, RBS+09, SLG+12, SFMA20, SNV+18, SMR+20, SDGVE17, Sch83, SHD+21, SAM+04, SGO+08, SC23, SW01, Sma10a, Sma10b, ST10, SM05, SBD+07, SAd+17, SDS+22b, SKRM+95, SÖÜ94b, TNC+09, TSAM+22, TSS+12, TFM03, TPRS10, VSGC21, VDS+18, VAEP24, Ver91, WP91, WFS+15, YHLA+04, Yos80, ZHBW01, vFB82]. **upwelling-induced** [TSAM+22]. **upwellings** [Ver92]. **Upwind** [Ric15, Sac16]. **Uranium** [KG65]. **Uranium-234** [KG65]. **Uranium-234/uranium-238** [KG65]. **uranium-238** [KG65]. **urban** [XYK+22]. **Urup** [ITO+14]. **US$50.00** [Ang88]. **US$90** [Bak83]. **USA** [FMC+20, PD15]. **Use** [BDE03, CSC+12, CQO+15, CL03, FGS+23, LVGH+15, LSV14, LIH+12, LMP22, PMM+23, ROBRB+22, SvN04, SSB14, SAB+22]. **used** [CQO+15, QSC+15]. **users** [Ang79a]. **uses** [Ste12]. **Using** [HLP+16, KHJ+10, LSD+15, MSMH19, PYKF15, RRS03, RWJ+06, RKK+21, Szu12, TSS+12, ARD+03, ASJ+23, AKAL20, AHC+13, BBE+15, BPA+21, BECA22, BGA+21, CLMR23, DPH+18, DLJ+21, EiIT+22, FVA+19, FDHT05, FRV+19, FACM+23, GKC+14, GL06, GDN+18, GTNK21, GiIKX22, HMRB+03, HSC09, HOY+21a, JZ19, JJA+08, KHL12, KSK+15, KM22, KPSB17, LHE+13, LvBS+24, LLX+21, MMG+13, MNT14, NDEG22, NGLL+22, NBLI20, OP18, OIC+23, ON22, Owe91, PM22, PHC+19, RK20, RFC+15, SGL+18, iSIS02, SNV+18, SPC+23, SBFP21, SZG06, Sme93, SNS+22, TCL20, TMR+21, TS10, VMH+21, VBM21, WM13, WSL20, WSS15, WZC20, XRC+15, YSS14, YGL+10, YYhT+17, ZCD08, ZCH+17, dlGFM+23]. **utilization** [BGM+10, CCH+12, CJ92, NKK+05, XYGJ23]. **utilizing** [UGY+22]. **UV** [FWH+17].

**V** [AYH+23, NMN08, WR03, Ano92i, SKF20]. **Validation** [TLH+15, TSJ+12, DHB+21, HM00b]. **valley** [CSR90, JFEC13]. **valleys** [She65]. **value** [BBB+21, HWB+18]. **values** [SSVP00, VYGMM+17]. **Vancouver** [SL13, VSGD21]. **vaquita** [RPRCAG+21]. **Var** [KCL+12, WSO01, MZGA+20]. **variabilities** [QNK+22, XWW+21]. **Variability** [ABT+04, APHGC+22, BRR+22, BATNP04, CWB+22, Col69, CF07, DDK+18, FP03, FBS22, Fra69, FDH20, HSH+19, JJL+19, Kaz17, LLGS21, MRSS02, MEMP15, MLS+15, MIH06, Mid69, MA12, NM17, OOTA15, RFSCF19, SKSK06, SON+20, SKRM+95, TKC+22, WLD+15, dPAJ07, ASFB+13, APC+12, ÁSFP+03, ABÁS+09, AVK91, BSC+19, BC91, Bak01, BDB+04, BAM+09, BN03, BGM+01, BTS+15b, BRB+01, BGMP03, BCOL+19, BMC17, BMC05, BSC+07, BMNW01, BLCL14, BDG+17, BHPC06, BPSGP+23, BL02, BM86, BPM+14, CNT+19, CBC+06, CDB+22, CM14a, CCW+02, CLB+13, CB91, CSS+19, CLY22, CHC+12, CS03, CB17, CPSM20, CJMI+91, CD07, CCD+13, CM18a, CF12, CRHM12, CKL+14, CM14b, CM18b, CDB+24, DLM+12, DBC+23, DBC+18, DFM+21, DRE+08, DIM09, Dri11, DBM17, Dur09, ESTM+12, ESTM13, ESA+13, EM12, FTSF21]. **variability** [FJA+21, FDHT05, FKZ+15, FP15, FBM+08, FFT+18, GMBU12, GSM+17, GR17, GCB+22, GBC+00, GA10, GDSCU09, GGAA+23, GMAB07, GSPMAI99, GJ00, GIPG17, GTS+21, GVKD+13, GLLB22, HSMLDC+22, Has82, HDZY15, HMB+86, HLM+13, HYM+12, HE07, Hol00, HHW01, HHW22, HHH+12, HHP10, hHRW+05, HHZ+22, HDB13, HBD+18, ILA21, ISM+02, IAFD02, Iwa23, JSA+08, JX18, JFUR20, JCIG18, JCM+21, JFEC13, JOBT05, KK20, KKB00, KRL08, KST+10, KLB+21, KTH+21, KY15, KKK+04b, KC15, KSK+15, KKKY10, KMSTK23, Kra82, KYS+17, KRL+22, LT06, LAA12, LBC+23, LBSP01, LSIC12, LSD+18, LNB13, LO21, LMC+20, LCGH07, LHW+20, LW12, LS15, LBD11, MZH+23, MT99, MPV12, MMR+12, Man69, MDB+20, MBdM+18, MZF+08, MRAP22, MCD+07, MBH+01, MNM06, MM99, Min00, MIW91, Mol04, Mol22, MHCR+12, Mos69, MBD+09]. **variability** [MKSW+15, MSL+07, MW96, MJWK07, MDR22, NNM+21, NGPH10, NRA17, OACA20, OLH+18, OMS+15, OPH+24, OACB+15, Owe91, PTP+22, PSP+21, PS23, PCSMC12, PMA+14, PELAA18, PL01, PV07, PFW15, PAM+88, PDAM+15, PS98, PZA+15, PCH08a, PHC+19, PLJR22, PWMIM91, PVA24, PVV23, PTI00, QLW10, RWD01, RM93, RvBD+22, Ric01, RL23, RBPGJ+20, RB20, RPRCAG+21, Rog00, RCF+13, RÁSG+13, RGM01, RBE+12, RDP+21, iSIS02, SLM+16, SSQ19, SGWF+19, STB+92, SF15, Sha82, SAM+10, SSTL16, STJ+14, SNZ+20, SAB+21, SEG+22b, ST10, SAT+22, SKP99, Spr08, SPB93, SJ02c, SJM+19, STR01, SOA+23, SP08, SNS+22, TBW09, TvW98, TCL20, TAO05, TS10, TSBS18, iUMY86, VSGC21, VSC01, VGLCS06, VAEP24, Ver91, VEM+21, WM13, WP91, WF06, WF07, WSL20, WCS+23, Whi95, WHI+02, XDG+23]. **variability** [YIY+04, YBS+01, YS15, YPVP+22, YPM+10, YMK+04, Zav99, ZSI+05, dMM69]. **Variable** [LTG85, AAM+14, Fla02, Fly10, KAG+19,

MRM+14, MAH+15, PVA24, SBD01]. **variables** [BFP+18, BPSN+21, CSV+07, FACM+23, LLAPG+22, MNT14, NM17, PCC+19, TIOM16, WLKM10]. **Variation** [CS03, EHFD12, FSVL10, HBH+17, OCH+18, VKJ+23, YKWF21, AC85, BMM01, BLP93, BPSN+21, CMHM18, CCHV+21, CSK+12, DMBB02, DIQJ21, DBR20, EHG+07, FELJ16, FG16, GDM+20, GWM+22, HM98, HRSM08, HVEF09, IIS+17, iIRM+15, IU14, JZZY24, Joh04, KSVT00, KFKO03, KON14, Kli10, LC12, LYS+22, LdCSB+20, MLB+20, MLD+03, MST+23a, MZ14, MPC+17, MCT03, NTU+14, NO14, RBNJ+12, Rou65, SIR+07, SCS+18, Sek88, SH09, SiSI+02, SLBH+19, SEG+22b, SGR+22, TM13, TOiF+12, THP21, VHK03, VHK04, WHT86, WLM+13, WHK23, XRC+15, YYC+18, Yin88, YBPS08, YYhT+17, ZLC+15, ZK06, ZSY+22]. **Variational** [SO91, GAM98a, GAM98b, GA00, MAB+11c, MAB+11a, MAB+11b, Suk88]. **Variations** [NF06, SNR+10, SCC14, WHS17, WXH07, ZLS+04, BFB+20, BF01, BHMS09, Car98, CGC+20, CR97, CSC+12, Con87, CLL+18, CRF+10, CW02, DWH+14, DVL+99, DWNN04, Don87, ESD+21, FCN+19, GML+23, GdRGL+01, GHG+24, Her88, Hut87, Igu04, IHT+21, JG07, KP03, KKNT23, KOhL+10, KMWF11, KSP+23, LMPB+16, LSY+14, LO07, LYM12, lLdZQ+22, LZL+22, LXC+22, LSMG01, LSXT01, LLX+21, LS12, MLL+22, MHS+20a, MHS+20b, MTC12, MPSD15, MWO+12, Nag01, ORB+18, PO00, PD15, RSB+01, RBL+19, SKH+23, Sek99, SGS+23, SNZ+20, SPB+02, Sie69, SLPA+20, SEG22a, SQJ+17, TMN+12, VK90, VCM04, WGZZ19, WGM+24, YKS+12, YMA+17, YN20]. **varies** [UKM+14]. **various** [Cai95, JYK+14, OSH+96]. **vary** [BBL+18, CBL+19]. **Vector** [VSPP14, DDJ+21]. **vectors** [HKK12]. **vehicle** [KHM+88]. **velocities** [DW02]. **velocity** [CSS+19, LGZW22, NH88a, Nee85, PSP+21, Szu12]. **Vema** [Zen08]. **Venice** [Pir87, DFD23, FBB+21]. **vent** [JP90, JG90, TJ90, VMB+22a, WLP+21]. **ventilated** [LPW+23]. **Ventilation** [SASH08, NJCD01, PGC+96, UKM+14]. **vents** [MSV+14, WLP+21]. **Verde** [VFCC+22, CCRS20]. **vernal** [LMA+15]. **versus** [CMF15, JPBB20, JJA+08, NYL+17, Peñ24, PSM+22, VBAC+21, CSG+15, MPN09]. **vertebrate** [HSG+15]. **Vertical** [Ang89, BIST01, DRE+08, DAU22, EiIT+22, GBB+20, HGD22, HSLG11, HKY+11, HCGK11, JC04, MSMR93, ORW+01, PLHLF05, RBF+09, TMPM+16a, VK92, WYT00, WGG+08, YNMY23, YKNO23, ASC07, Ang79b, ABT+04, AHRT90, Ban64, BEP02, BGM+10, BRG+23, CDL+22, CTF07, CFG07, CF12, EBM+20, EBM+21, GNH19, GSPMAI99, HLM+13, KNSN+09, KGB+23, KVNT20, KSKN21, KHP+18, LGZW22, LFI+13, MGWZ20, NTU+14, NNM+21, NMN08, OACA20, OHC+17, OCH+18, Oll15, OAWAN18, PTM+22, PG13, PNF+21, RS10, RG94, SK17, SBB+22, SDS+22b, UCB+18, UPPS+21, VLCCP14, WCX+21, WSH+22, YYT+14, ZGB+20, ZSH+24, dPGSHL23, BM76, Roe84a, RB84]. **vertical-habitat** [BGM+10]. **very** [Nof00]. **vessel** [BOG20]. **vessels** [Wüs64]. **via** [HPB+09].

**viability** [SJJ+03]. **Vicariance** [Whi94]. **vicinity** [Ang89, LPF+20, Nay65, VOT+99]. **video** [BTNK13]. **Vietnamese** [LWBD+17]. **view** [CBGC+08, PAB+21, Pra91, SBM+23, SBB+14, SJ02a, YSD15]. **views** [RBD+07, SW12]. **Vigo** [BLT+15]. **Vilhjálmsson** [Ano13g]. **Villefranche** [LSIC12]. **villosus** [BSF+21, CGV13a, CGV13b, MMD+16, RMB+01]. **viral** [CRC+19, HLSX22]. **virtual** [WPB05]. **viruses** [RCC+18]. **viscosity** [BBS21, BBS23]. **visible** [VNMS91]. **vision** [EB08]. **Visual** [CAO+20]. **vital** [FCEZ10, LRJ+15]. **vitro** [GTR01, TGR05, PMMN+22]. **vitulina** [LAP10, RNL+13]. **Vivaldi** [PGC+96]. **Vladimir** [Ano20u]. **vocalizing** [MSC+15]. **void** [SEW11, Soh03]. **Vol** [Ang79a]. **volcanics** [Nay65]. **volcanoes** [ZMCD11]. **Volume** [Jón07, Ano64a, Ano85a, RBS+20, RBS+22, Sek88, VAGMDRS22, ZSH+24]. **volumes** [Ano65c, Ano65d, Ano69b, Ano73b, Ano85c, Ano86a, Ano87a, Ano89a, Ano92a]. **volumetric** [BBMR19]. **vortex** [FHL+24]. **vortices** [MBS20]. **vorticity** [CSS+19, KWI20, McD88, Sak86]. **Vries** [NP00]. **Vries-Type** [NP00]. **vs** [CMM+04, CCD+13, ERT+22, HBD+18, LPF+18]. **vs.** [CPNL07]. **vulcanism** [AB65]. **vulgaris** [OÁSG+16]. **vulnerability** [ECFT20, LHC+21, MDR20, ORPRGIS22, RLR+18]. **vulnerable** [BECA22, LML+23].

**W** [BM76, CMJPH+18, FMSBW13, Hen85, HBH+17, JG07, STPHM+23]. **waist** [FAB+09, GAF15, HM06, Bak06]. **Waitz** [Dea85]. **Wakasa** [iUMY86]. **wake** [HLS+14b]. **Wakefield** [Ang80]. **walled** [ZHBW01]. **Walleye** [PDAM+15, BCB+05, GTS+21, MLPN06, YNM+02]. **Warm** [IMW+14, Par86, TCN20, YKWF21, BMG+21a, ELW06, FMM+20, LBNBM13, MM01, NC80, TKW06, TKWI08, Ber65b]. **warm-core** [NC80]. **warmer** [MBT07]. **Warming** [DAvD+21, FSAO22, TPTM23, ABP+23, BDTC15, BHK+16, Bel09, BD18, BGL+17, Cia22, CWS+21, ESGP17, GPEV20, GFGGD+23, IHY+01, IG19, JBH20, KV13, KKKY10, KFM+17, LHC+21, MVN+15, MMKS+21, MKS+22, NSE+24, Peñ03a, RL23, SCHBC+22, SEG+22b, SEG22a, SAd+17, SJD10, VDGGD+22, WWW+23, YZX+23, YAK13, dLLdAWL+23]. **warning** [RAB+11, vdS94c]. **Warped** [YYK88]. **Washington** [CCS+21, FB05, HL05, HPHL+05, PHLL05, PLHLF05]. **Wasp** [GAF15, FAB+09, HM06, Bak06]. **wasp-waist** [FAB+09, HM06, Bak06]. **Water** [CDDF11, GR85, HOY+21a, Kat18, KY15, KKK+04b, KTB+99, KMU+12, LH08, MWJ+08, MTK+22, NIC+19, OJB99, PPVG12, Par86, PL18, PGC+96, SDGVE17, Sud86, THM+06, YMK+04, ZSI+05, ZSY+22, ZPC+16, AdAK+18, ÁSÁB+14, ÁBMÁS14, ÁBMÁS15, ALG+21, BW65, Ban96, BNCC15, BvdLA+11, BBB+14, BMC05, BS95, BGV+23, BPM+14, BC88, CDS90, CWZ+20, CSV+07, CPHR98, CVHM+18, CLG+22, CMF15, CR20, DFD23, DOP87, Due77, FVA+19, FZY+23, FC07, FTSF21, FAAF88, dCFK17,

FBT+22, FWO15, Fla02, FLDF22, FK86, Gam14, GIPC+15, GLAHH+22, GBB96, GJ00, GTNK21, Gri22, GCS91, GSF+15, GAPM16, HØH+03, Her88, HMS+22, HGH+19, HM08, HG04, Hut95, ISH+04, JJL+19, JSKM02, JG07, JAJS08, Jón07, KON14, KF11, KGdS+08, KG65, KVLA06, KTW+22, LVGH+15, LTG85, LPA92, LRNK99, LCJ+17, LAGM+23, LPW+23]. **water** [LPBM17, LZG20, LRGV+18, LBF+22, LSW02, LDMH09, MGF+13, MGG22, MRMD+97, MRO+08, MEMP15, MAAS+00, MIN+20, MAFS+22, MRW+14, MHCS+23, MH14, MKS+22, NMK+03, NKK03, NMO+21, NAH+21, ONR+14, OPL+21, ÖÜT93, PTM+22, PMG15, PPKR14, Par63, PTF10, PPCWJ18, PLB+23, PZA+15, PPdS21, PAF+11, PRL+18, PB94, PdMS+13, RCC+18, Rea00, RKM+07, RKK+21, RGPB+23, RLC85, Rud89, Rud15, RKS+15, SGL+17, SCHBC+22, SHP+23, San73, SCB+09, SvWRvB02, SGMP15, SSTL16, SMP+22b, SFAD+90, SBD+07, SWZS+21, SPH+15b, SASH08, SYN+21, SBG+08, TMN+12, TRY+04, TAF+22, Tit20, TSRF14, TVD+99, TDL+17, UNN+14, VGJ+19, VPW01, VKT15, WH20, WCC+20, WWW+23, WHT86, Wen88, WPA+24, WLP+21, YYT+14, YTB+21, YYC+18, Yin88, YRKC08, Yu23, ZAC+23, ZD17, dZTG05, vHMDL14, BRG+23, BF12, Cia14, Men21, NBR+08, OYKK+23, RBR+23]. **Water** [SPW22, SKH00, Tom81a, TPTM23, YS15, Zen08, ZJZ+21, ZLZ+17]. **Water-column** [SDGVE17, SSTL16]. **Water-level** [CDDF11, DOP87]. **water-mass** [YRKC08]. **water/sediment** [CDS90, SFAD+90]. **Waters** [EMU21, HMP+13, ATT+08, BSF95, BCLD+17, BCGN+18, BRH+05, BF01, BT07, BLC23, CWB+22, CB06, CC88, CPC+02, CCA+02, CRC+19, CFG07, CdMS+18, CTI+19, CM14b, DNNNN16, Dri11, EBS+18, FMM+20, FFA09, FTG+18, FAH+13, GVBV+21, GPA+11, GIHJ23, GEO09, GRdSS+22, HSS+12, HBG+21, HW02, HMPZ11, ILI+12, IHT+21, IU14, KTN14, KV13, KV18, KSS+23, KAG+19, LF12, LC10, LMP22, MOS+13, MH02, MGC+18, MPB+23, MTK+22, MTH+10, ON22, PLN+23, QPR03, RL23, RKM+07, RLSF06, RLSF07, Rot65, SGL+18, SGL+17, SCLG+11, SCHBC+22, STG+18, SCCJ+18, SSTL16, SYN+21, TRP+23, TPTM23, TBW00, TLF+89, TIOM16, VBL+21, VKT15, VMV+23, VEM+21, VSPP14, WFH+22, WWL+22, WFR07, XY21, YT06, YNMY23, Yao88, ZLKO00, ZL01, ZLR+07, dlPHF+15]. **watershed** [HVRR15]. **Wave** [CAA+07, CAB+18, His22, BBC+22, BBB+14, BDT+08, BSA06, CSH+23, CB17, FG16, GC14, HLFL23, HWF+21, Iwa23, Kra69, LCZ+24, RFFL21, RHB23, SSB14, UGY+22, VB14, XY21, vHVAT22]. **wave-generated** [FG16]. **wave-induced** [BBB+14]. **wave-meandering** [SSB14]. **wavelet** [YYhT+17]. **Waves** [Hut81, WLL06, ABS+20, Arb22, BBB+21, CSLJ03, DWH+14, ESA+13, GXX+22, GLPC23, GCG+14, Ham09, HNSP+19, HHZ+22, Hut87, ITO+14, KWI20, Li14, LOO22, LH08, MZZ+23, NP00, PTM+22, PM85, Ric94, SMFM+21, TCN20, Tho77, VOT+99, VMN08, WLCG23, XDG+23, XY20, XHC+20, YHZ+22]. **way** [Bak01, BAARB05, PPPdS20]. **Weak** [Kiv97, ZBRJ23, BH07]. **weaknesses** [HS07]. **weather** [BDTC15]. **Weathership** [AEPW93]. **web** [AHW+15, BHA+14, BAOC+07, CP10, CPPPEAG22, CSBL+15, CFML22,

DKRL22, FMC+15, FTG+11, GAF15, GSVB23, GvOSW11, Hea12, IBW+01, iIYO+10, JE92, LLL+11, LCBN14, MRA+19, MGC+18, NMC+09, OPG+10, PVG+20, Peñ03a, Pow06, RMC+15, RBE+12, SBMB18, SSM90a, ŠGM+18, SHC+06, SHC+07, SDJ14, TNGP22, TR99, TSS+12, TFM03, ZHSMM14, ZBRJ23, dJSL+20]. **webs** [CLSP17, CBC+06, CW06, Car98, CMF+09, CSC+12, DYO+10, DWC06, HKGH+06, HNL14, LK13, LZF+24, MCH+12, NYL+17, PG10, SBMB18, SRT+18, WRH+06, Was06]. **Weddell** [CS16, FZY+23, MBB+96, NRS+19, RBS+20, RBS+22, VKDS+18]. **weddellii** [NRS+19]. **weekly** [VDGGD+22]. **well** [SBMB18, SMKK21]. **well-documented** [SBMB18]. **West** [HJLLN07, LvBS+24, WLM07, BFH01, BBSN04, CWB+22, CBB+02, CCHM02, DHDM22, FMC+15, FDH20, HMB+86, HSH+19, Man69, MWS+10, MFA+15, MM90, RWOA01, SPW22, STR01, VSGD21, WBH15, CKL+14, GKR20, KGJ+10, LW12, Med87, MFM15, MDR22, Tom81a, WWL+22]. **westerlies** [SE08, SE09]. **Western** [BBM+14, CMJPH+18, Con87, DHD+23, EBR+14, HLTB+17, SCD+07, AMFY20, AQVB+10, AAMB+24, ALG+21, ATC+19, BSC+19, BHA+14, BE99, BTS+15a, BOMdP15, BPC+05, CMF+09, CMF11, CF20, CAT+08, CLG+22, DDDT99, DSC+21, DWC06, DK07, EBM+20, ELW06, EHSI12, FTC+16, FKZ+15, FK99, FMT15, GLY23, GDM+20, GdRGC+14, Gri22, HHB+00, IHT+21, INT14, JWD+02, KHD22, KAK+22a, KST03, KFH+15, KYS+17, LYM12, LG22, LG23, LSIC12, LPW+23, LSD+15, LBC+15, LWT+20, MT99, MRRC73, MTC12, MAAS+00, MSA+22, Mol04, MMPG07, MNFY21, NEI+22, NMO+21, NHN+21, Nof96, NKK+05, NRA+21, OTNI20, OOTA15, PPdM+12, PELAA18, PJH+15, PHFK14, PHC+19, PdMS+13, PLK14, QCdS+07, RKS01, RTF+05, RBD+07, RCB+20, RDC+21, Rog00, SGL+18, SSH+05, SSQ19, SAM+04, SFK+99, SAB+21, Sme93, SIS+14, SST+17, SKT01, TKSI08, TT05, Tan99]. **western** [TTMM+17, TSNO05, TKK+05, UPPS+21, VBVYT05, WFH+22, WOW+14, WWN+99, Wu13, YMA+17, YHM+18, YYK+12, YFY05, ZGB+20, ZSI+05, ZJZ+21, BTS+15b, BZD+21, BLCL14, CPG08, Eri65, FGR+06, GR85, GGA+16, GGG+18, GGSM+20, HWPLvW20, HGH+19, LTG85, LLX+21, McI10, MSd+16, NCC+15, PCD+18, PRA+18, PMS+15, PFE10, RMC+15, SGLF+13, SBC+16, SBPGP+23, SAW+15, STW+15, TAW+15, TB15, VYGMM+17, VBAC+21, WOW+14, WSC+21, YWUK15, dPAJ07]. **western-boundary** [WWN+99]. **western-Mediterranean** [DDDT99]. **westward** [MTL05, TCN20]. **wet** [OAD22]. **whale** [BMG+19, BMG+21a, BPSN+21, DHD+23, FGL+23, GDL+15, GC09, LBC+23, MHVS19]. **Whales** [RSB+13, AHGRAL23, CPO+19, CQO+15, CBB+15, GVBV+21, HPB+09]. **Where** [CPC88, MZK+23]. **white** [TGJT09]. **Whiteaves** [Mar20]. **whiting** [HPB+09, MAFS+22]. **Whitsand** [USH15b]. **Whittard** [AHA+16, CHG+18, DJW+18]. **Who** [THBA19]. **whole** [MRA+19]. **WHP** [KMWF11, STPHM+23]. **wicked** [KN10, KN11]. **wide** [BMO12, CMPNC+22, MPCNC+19, PKV18, SSM+18]. **widely** [THM+14]. **wider** [MEST13]. **Widespread** [YTB+21]. **wild** [WBF+21]. **Wilkes**

[AYH+23]. **Will** [DSAB20]. **William** [BDB+22, SSB+20b]. **Wind** [CKL+14, DLM+12, OÁSG+16, OC06, Sek86, AR18, AC85, BBS21, BBS23, BCOL+19, CPC+15, CTA16, CS06, DWH+14, Dav85, Dem09, DDJ+21, FvBA+17, HMRA+03, HGH+19, Iwa23, KM22, LPF+21, MZH+23, MS02, MH14, NNM+21, OACA20, OMS+09, OPL+21, SC23, SBD01, VTGC19, WWZ19, Wun24, XY20, XY21, ZHF+24]. **Wind-driven** [OÁSG+16, Sek86, BBS21, BBS23, NNM+21, SC23]. **wind-forced** [DWH+14, LPF+21]. **Wind-induced** [CKL+14, OC06]. **wind-modulated** [MH14]. **wind-sea** [VTGC19]. **windier** [JTQ+18]. **window** [HWB+18, XYWY23]. **winds** [BBB+21, DL17, FAAV+15, GW91, GMR+23, KAG+19, LO85, SFMT14, SNMW10]. **wing** [SSB14]. **wing-sailing** [SSB14]. **wings** [Ric22]. **winner** [VWDF14]. **Winter** [ATS01, DSR21, HPHL+05, LVGH+15, MOSN+13, VOJD02a, VOJD02b, YNTS22, AJA+22, ABS+20, AUE+14, BPC+05, BF11, EMU+23, FPJ+15, GHL15, HBH+17, Iwa23, KMS+24, LPW+23, MSd+16, MCKS17, MAFS+22, MEMC05, Rou65, TDGY22, VNH+23]. **Winter-spring** [HPHL+05]. **Winter-to-winter** [ATS01]. **winters** [WDMC02]. **wintertime** [JC88, Suk88]. **wishes** [Val99a]. **Withdrawn** [ZLG17b]. **Within** [MPV12, Ang84, Arb22, BLC23, Car98, CdD+15, Dom84, DDCE+23, FMM+20, FRK+09, GDI+09, KFC+13, MCG+02, PTPY+23, Pug84, QYF+24, RCS+11, RAB+84, Roe84a, Roe84b, RB84, RJT84, STS+12, WMC+89, WDC+11, WWL+22, ZBRJ23]. **Within-** [MPV12]. **without** [Ric22, SPN98]. **WOCE** [GWB14, GJ00, GA00, MMR+09, STPHM+23]. **WOCE-era** [MMR+09]. **WOCE-WHP** [STPHM+23]. **Wollast** [JW01b, vWM02b]. **Women** [CSH+23]. **wood** [FBR+13, GGT+15, JZ19, RVC+13]. **wood-boring** [RVC+13]. **work** [CNT03]. **Working** [Ano94k, Ano03j, WHG+16]. **workshop** [SWP+13b]. **world** [BMO12, CBB+15, FC05, LCR+93, Ric22, Val99a, VBC+20, BC16, GMD+22, ISH+04, Lev88, McK15, SAA+15, dZTG05, Ang79a]. **world-wide** [BMO12]. **WRF** [LC22]. **WRF-FVCOM** [LC22].

**X** [Hof81, Ang88]. **XBT** [LS20]. **xiii** [Ano92i]. **Xiphias** [SYB+15, YGL+10]. **xv** [Ano86j]. **Xylophaga** [RVC+13].

**Yangtze** [ZLR+07, Wen88]. **Year** [MHA+11, Rud15, AT07, AUE+14, BDB+04, BMG+21a, BPTT19, CMG15, CBB+15, CLdPHL23, DHC+20, DBC+18, DHD+23, FTSF21, HGBG20, HFO+22, LGZ+20, LPF+20, LFCSV+13, MGF+13, MAH+15, RF17, SGO+08, TSFA22, WHT86, Woo18, YFK21, EBD+20]. **year-long** [BPTT19, LPF+20]. **year-round** [DHD+23, MGF+13, Woo18]. **year-to-year** [DBC+18, WHT86]. **years** [AKH+23, CPB+15, CFC+18, GRMB18, HDZY15, HPHW21, KRL08, KRHS14, LXC+22, RCD+94, SLG+12, SF02, SKRM+95, VOG+08, VSGC21, WR03, WHG+16, XNT+17, dJSL+20]. **Yellow** [LW13, ITM86, JZZY24, LC16, LCJ+07, LGH+21, MLL+22,

MFY+86, Par86, SW12, SNZ+20, TCN20, YKS+12]. **yellowfin** [HLTB+17, OPG+10]. **Yermak** [GIHJ23]. **yields** [Hea12]. **yolk** [SMPC+12]. **young** [CSMGS19, GMR+23, RN06]. **Yutu** [GLY23].

**Zdenka** [SW81]. **Zealand** [BSMC15, BWB+09, FBS22, RLR+18]. **Zenkevitch** [GS19]. **Zhe** [XLL+20]. **Zhe-Min** [XLL+20]. **Zoarcidae** [SM21]. **Zonal** [KP03, RFPG15, STPHM+23]. **zonally** [KKNT23]. **zonation** [BAB+19, GNH19, HM90, LdCSB+20, VMB+22b, WGG+08, ZGB+20]. **Zone** [Ant09, BHM+15, INI+17, JSLA+21, PHKS17, RMHL09, SLBH+19, SLPA+20, VFCC+22, AMG+16, BAM+09, BAT+98, BA04, BMC17, BBPHG+11, BB14, BC01, DLM+12, EHG+07, EHFD12, FELJ16, GMAMB04, GASV+09, GEO09, GDI+09, GBB+20, GLV12, HLGA07, HLCdP19, HFW+98, HSLG11, ILA21, JCF+23, LGR+02, LQU07, LLGS21, MLHE23, MGH+07, MTH+10, NMO+21, NMN08, PAM+88, PD15, PBS22, PHKS01, RS10, SAM+04, SM65, SMPC+12, SGR+22, TR99, Tom81a, VSGC21, VJJ+22, WMB+21, WP91, WR00, WGG+08, WPH+10, YLL19, BSMC15, Nay65, RMG90, STC10]. **Zones** [BMN+99, CSMGS19, EM12, FCN+19, FPY+16, GDM+20, HHMB+09, HBH+17, JS21, JPIP22, KSV08, Kaz17, MYH+22, PRP09, YW22]. **ZooCAM** [CTP+18]. **zoogeography** [AS96]. **Zooplankton** [ASB+08, ACHSH08, Ban64, ESTM13, EHFD12, FÁFL06, HFNG00, LMH+13, MRM+14, MG02, MGF+13, SHD+21, SSV+11, Tur15, VSGD21, WHG+16, YHM+18, dPAJ07, AMFY20, ACE+07, ADS+22, AGL+15, APC+21, BBLD+11, BTNK13, BFB+20, BMO12, BMG13, BMC17, BSFM+12, BASS+20, BPSN+21, CP10, CS16, CP02, DAvD+20, EBW+23, EBS+18, EHG+12, FUOG+16, FKH+13, GRLS14, GWM+22, GSPMAI99, GBB+20, GRD+23, HPC+20, HLCdP19, HGBG20, HWL+20, Igu04, iIYO+10, KP03, KH09, KDB95, KAAK+16, KGJ+10, LO07, Lav09, LEDR+22, LdCSB+20, MBT07, MGE+12, MPV12, MGWZ20, MERB12, MCG+02, MMMWZ23, MFDH22, MMES16, MCG+14, MPC12, Nie07, OWR+07, PG13, PSL87, PGY+22, PCM11, PJH+15, PKF02, PPY87, PO15, Reb02, RWOA01, SCAA07, SCS+18, SPB+12, SPC+23, SNZ+20, SWP+13b, SEG22a, SE92, SDO+14, SOA+23, TSAM+22]. **zooplankton** [UCB+18, VLUC+07, VLCCP14, VMA+24, WCS+23, WHK23, WHS+23, YNMY23, YPVP+22]. **ZooScan** [YNMY23]. **Zostera** [AR18].

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[GHF+21] Shuang Gao, Solfrid Sætre Hjøllo, Tone Falkenhaug, Espen Strand, Martin Edwards, and Morten D. Skogen. Overwintering distribution, inflow patterns and sustainability of *Calanus finmarchicus* in the North Sea. *Progress in Oceanography*, 194(??):??, June 2021. CODEN POCNA8. ISSN 0079-6611 (print), 1873-4472 (electronic). URL `http://www.sciencedirect.com/science/article/pii/S0079661121000549`.

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**Gjosaeter:2023:FAY**

[GIHJ23] Harald Gjøsæter, Randi B. Ingvaldsen, Elvar H. Hallfredsson, and Edda Johannesen. Fish assemblages at the Yermak Plateau and in northern Svalbard waters during the period 2012–2020. *Progress in Oceanography*, 219(??):??, December 2023. CODEN POCNA8. ISSN 0079-6611 (print), 1873-4472 (electronic). URL http://www.sciencedirect.com/science/article/pii/S0079661123001994.

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[GiIKX22] Chenying Guo, Shin ichi Ito, Yasuhiro Kamimura, and Peng Xiu. Evaluating the influence of environmental factors on the early life history growth of chub mackerel (*Scomber japonicus*) using a growth and migration model. *Progress in Oceanography*, 206(??):??, August 2022. CODEN POCNA8. ISSN 0079-6611 (print), 1873-4472 (electronic). URL https://www.sciencedirect.com/science/article/pii/S0079661122000829.

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