

A Complete Bibliography of Publications in *Progress in Oceanography*

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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]. α [KKKS14, SCCJ⁺18, WPB⁺08]. \approx [BM07, CPNL07, CFG07, GMAB07, MSV⁺14, ZHSMM14]. ≈ 150 [SLG⁺12]. β [KKKS14, WPB⁺08]. Δ [PRL⁺18, CGC⁺20, CSC⁺12, GSVB23, LCJ⁺17, OMK⁺22, SKH⁺23, WPB⁺08]. *f* [EFC⁺23, GDSCU09]. γ [WPB⁺08]. K_1 [AK97, CGW⁺22, DJ92]. M_2 [CGW⁺22, DJ92]. *n* [SOH21]. N_2 [DJ92]. O_1 [DJ92]. ω [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°** [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°** [AMY⁺23]. **155°** [YMA⁺17]. **158°** [HBH⁺17]. **159** [Kru19]. **16th** [FJhT⁺14]. **170°** [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, 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°** [JG07]. **20th** [HMH07]. **212-layer** [MY92].
21° [BHC⁺18]. **21st** [DML⁺16, MWS⁺10, TLP⁺16]. **22-year** [HGBG20].
22° [FMSBW13, dSPF⁺23]. **234/uranium** [KG65]. **23°**
 [BM76, CBB⁺02, VSGC21, dSPF⁺23]. **24.5N** [HGPFN⁺14]. **24°** [BHC⁺18].
25-year [MAH⁺15]. **25°** [BDBJ01]. **26°** [MSJ⁺15]. **27°** [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°** [Ang79b, BM76, HGT16, HGTP⁺19, RKFD07]. **30m**
 [AMEV07]. **31** [Ano94c]. **31°** [AAM⁺14]. **32°** [APHGC⁺22, MBKS08]. **33°**
 [FMSBW13, MCGS⁺16]. **36.5°** [FC07]. **36°**
 [BM07, CPNL07, CFG07, GMAB07, HYM⁺12, MSL⁺07, MDL⁺12, SLG⁺12].
38° [SJM⁺19]. **3D** [ASR⁺20, AUE⁺14, MRM⁺14, SNS⁺22]. **3rd** [PBH⁺10].

4-dimensional [MAB⁺11c, MAB⁺11a, MAB⁺11b]. **40°** [CF12, EM12]. **41**
 [BLAM00]. **41CP** [KSK21]. **42°** [MSV⁺14, ZHSMM14]. **44.7°** [PSP⁺21]. **44°**
 [GMAGH⁺17]. **46°** [MCGS⁺16, SJM⁺19]. **47°** [QOS⁺22]. **4822m** [RLT⁺22].
48° [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°** [BPP+98, GMAGH+17, GBC+00, GCD+13, HM98, Hen85, JTD+14, vWHdS+98, CBB+02, RKFD07]. **51°** [PTPY+23]. **52°** [STPHM+23]. **53** [SDS22a]. **54°** [QOS+22]. **56** [RG03a]. **56°** [PMA+14, TSRF14]. **58** [Fei04]. **59** [VHK04].

'60 [Fug63]. **60°** [SAA+15]. **648pp** [Bak83]. **66°** [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]. **across** [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** [SLBVR⁺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, GPG⁺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, dIPHF⁺15, BBB⁺14, CFG07, CF12, CEF⁺13, EHSI12, GLLB22, LGZ⁺20, OKdA⁺19, Rou65, WBA⁺22, WST⁺16, YN20, ZPY⁺20]. **Air-sea** [dIPHF⁺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, JJJ⁺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, BHR15, 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, DHD22, 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, ILdZQ⁺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, iYO⁺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, iYO⁺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]. **aquatic** [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, SMP⁺¹², dIGFM⁺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, dIPHF⁺¹⁵, ARH⁺⁰⁰, AB00, Anol7a, 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, HFV⁺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** [iYO⁺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, JYL⁺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]. **AXB** [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, HVR15, 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, DA_vD⁺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, dIGFM⁺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, dIPHF⁺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, JYL⁺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, GH15, 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, ZHSM14, 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, RNB⁺¹⁹].
Bi-decadal [LDD⁺²², OMS⁺¹⁵]. **bi-frequency** [BCLD⁺¹⁷]. **bi-phasic**
 [RNB⁺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, ASÁB⁺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, KSB18, 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, LCNAS⁺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, SLBVR⁺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]. **Calypstogena** [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, CAM06, 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, PRFC13, 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, ZHSM14]. **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, ZHSM14]. **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, FMC15, 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, TPM^{+16b}, TPM^{+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, SSVPO0, SMG02, SKSK06, SRFDH22]. **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, dIHRA⁺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, SPM⁺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, EHF12, 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, JIL⁺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** [LPP⁺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, TKSIO8, 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, TKSIO8, 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, SLBVR⁺22]. **crystal** [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, ILdZQ⁺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** [vWWM02b]. **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]. **adiabatic** [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, MPD15, 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, SLBVR⁺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, PHL05, PWMIM91, PVV23, PLN+23, PNF+21, RAP95, RVS+21, Sai65, SLG+12, SLBVR+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, CAM06, 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, J6n07, 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, TKW108, 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, diHRA⁺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, DA_vD+20, F_vBA+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, diHRA+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** [FYC05]. **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, MRRRC73, 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, EiT⁺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, dIHRA⁺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, dIPHf⁺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**
 [RBPJG⁺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, HPLP05, 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, CLO3, 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, SLBVR⁺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, EHS12, 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, diPHF⁺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** [JAJ08, 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]. **geoecological** [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, dIPHF⁺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, SLBVR⁺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, TST⁺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, EiT⁺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, GiIKX22, 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, KSB18, PGRP⁺¹⁸, SSV00]. **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]. **hyperpyncal** [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, DNNN16, 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, GiKX22, 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, dIPHF⁺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, dIPHF⁺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]. **isoscapes** [HOY⁺21b]. **Isoscapes** [OMK⁺22, ALM⁺23, MRA⁺19, OPH⁺24]. **isothermal** [Due77]. **Isotope** [CSG⁺15, AYH⁺23, BAO⁺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, SMPD⁺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, GiIKX22, 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, JJJ⁺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, OAT⁺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, dIHRA⁺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** [OASG⁺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, GH15, 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].
marcursorum [BC19]. **Margin** [BHE⁺⁹⁸, CHG⁺¹⁸, FLdST98, LHEB98, OB98, TPM^{+16b}, TPM^{+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, RCSVG⁺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, CRi^{+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, RBNP⁺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, YTT⁺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, dPHF⁺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, SSV00]. **meter** [KMOM88, UCB⁺¹⁸]. **meters** [NH88b]. **Methane** [FLDF22, BCP09, FTSF21, WLM⁺¹³, diPHF⁺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]. **miniaturisation** [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, GiKX22, Has82, Hea12, HLS^{+14a}, HSC09, HHH⁺¹², HSH97, HMH07, HLFL23, HPW10, iYO⁺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, BtTW10, Bre82, BCG⁺⁰⁸, CBB⁺¹⁹, CSBL⁺¹⁵, CLX⁺²⁰, CNBD21, CRi^{+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, JYL⁺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°** [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]. **nehton** [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** [dIPHF⁺¹⁵]. **nitzschia** [PTY⁺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]. **nottei** [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, MMB10, 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, dIGFM⁺²³, CGM⁺⁰², CNBD21, CFC⁺¹⁸, CdMS⁺¹⁸, HLM⁺¹³, JMG⁺¹³, LGL⁺¹⁸, SGA⁺¹⁹, TPM^{+16b}, TPM^{+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, JJJ⁺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, DCCR⁺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}, VBYYT05, 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, CRi^{+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, DY0⁺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, EHF012, 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** [CSMG19, 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, dIHRA⁺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]. **optimization** [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, EiT⁺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**
 [iYO⁺¹⁰, KTW⁺²², NNM⁺²¹, OTNI20, ST03, TKSIO8].

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,
 DY0⁺¹⁰, DN07, DWH⁺¹⁴, DCKB13, DOS⁺¹⁸, DRE⁺⁰⁸, Don65, Don87,
 Don94, DLC⁺⁰⁸, DMBB02, DBRK17, DLM91, ED82, Emi65, FELMG⁺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, TKSIO8, 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}, PHL05, 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]. **paleoceanographical** [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, SSVPO0, 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, DY0⁺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** [ILdZQ⁺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, DA^vD⁺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, MHCRC⁺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, TST⁺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]. **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]. **Pleuromammals** [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, Co065, 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, DY0⁺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, DAuD⁺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, JJJ⁺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]. **Pseudotanaididae** [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** [RCCG⁺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, TKSIO8, 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, dIGFM⁺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, YK+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** [VSP14]. **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, JJJ⁺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** [HVR15, 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, ZHSM14, dSPF⁺²³]. **S-50°** [RKFD07]. **S-54°** [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]. **saion** [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** [LPAF⁺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]. **satellite** [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, KSB18, 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, dIGFM⁺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, HNRP⁺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, H000, H0H⁺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, CAM06, 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, SSSL16, 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, BHR15, 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, Co069, 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, Ta108, 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, SSVPO0, 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, PpS21, 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, dIGFM⁺²³, ASR⁺²⁰, CDS90, FGR⁺⁰⁶, HMO⁺¹³, KP5A17, 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]. **socketeye** [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** [TCDDPP⁺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, WVN⁺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, DA_vD⁺²⁰, DA_vD⁺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, SMP⁺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, JJJ⁺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, EiT⁺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, MeD81a, MeD81b, 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** [JOB05, 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, dIPHF⁺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, BHP06, 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, TPM+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]. **Subarctic** [Mil93b]. **Subantarctic** [BRR+22, Ban96, GRdSS+22, IGG+19, NHG19, TSRF14]. **subarctic** [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, PHL05, 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, XLW⁺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, SMPG⁺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, LCNAS⁺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]. **telemetry** [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, VDDGD⁺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, DY0⁺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, KSB18, 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, SMP⁺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, JTG10, 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, dIGFM⁺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, JJJ⁺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, LSC12, 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, OLN⁺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, SSSL16, 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**
 [VSP14, 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, JJJ⁺¹⁹, JSKM02, JG07,
 JAJS08, Jón07, KON14, KF11, KGdS⁺⁰⁸, KG65, KVLAA06, 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, SSSL16, 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, SSSL16]. **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, SSSL16, 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, dIPHF⁺¹⁵].
watershed [HVR15]. **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,
 HNRP⁺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]. **Weather** [AEPW93]. **web**
 [AHW⁺¹⁵, BHA⁺¹⁴, BAOC⁺⁰⁷, CP10, CPPPEAG22, CSBL⁺¹⁵, CFML22,

DKRL22, FMC⁺¹⁵, FTG⁺¹¹, GAF15, GSVB23, GvOSW11, Hea12, IBW⁺⁰¹, iYO⁺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, SMK21]. **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, QcS⁺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, TKS108, 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, DA_vD⁺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, iYO⁺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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Anonymous:2015:PJa

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Anonymous:2016:IEPb

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Anonymous:2016:IEPg

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Anonymous:2016:PF

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Anonymous:2017:IFCe

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Anonymous:2017:IFCf

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Anonymous:2017:IFCg

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