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

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**Title word cross-reference**

$\#$ [BHS$^{+}$10]. 1 [DLR$^{+}$01, DP99, JCF$^{+}$06b, TLMT97]. 2 [EB01, JCF$^{+}$06b]. 3 [CBF01, Cok16, FC01, GGLP02, GMPS04, JCF$^{+}$06a, JDL$^{+}$12, MRM$^{+}$12, SGB$^{+}$02, WTSP07]. 4 [FM03c]. 50 $^\circ$S [RWJ06]. 60 $^\circ$N [RWJ06]. 80$^\circ$E  
[MKB$^{+}$10]. < [RMCAR06]. > [EBG$^{+}$15, OvdRvA$^{+}$22]. $-$ [GAC$^{+}$02]. 10  
[AFB$^{+}$94, CAFK03b, YKS03]. 12 [ZQ97]. 13  
[BCWT00, BW99a, BOP95, CHL$^{+}$15, CSL$^{+}$07, CMVS$^{+}$10, DKN$^{+}$97, DBMI17, GOH$^{+}$15, HFK$^{+}$02, MSJS08, QW15, SRFR07, SBN$^{+}$15, TA01, WMH$^{+}$07, WKML$^{+}$07a, WCSS$^{+}$16, ZQ97]. 137  
[HA03, Ike03, LLLL$^{+}$03, NP03, OHT12, PFG$^{+}$03, PdBK$^{+}$03, TKP$^{+}$20]. 14  
[CMT93, DTB$^{+}$02, LLB$^{+}$00, MGC$^{+}$14, ME02, PDTS08, RTB02, ROPB03, WCSS$^{+}$16]. 15  
[BOP95, CHG15, DBMI17, HFK$^{+}$02, JHHK14, KW00, MSJS08, MTMK$^{+}$13, MGC$^{+}$14, RLP$^{+}$98, ROPB03, SBN$^{+}$15, WMH$^{+}$07]. 18  
[CMVS$^{+}$10, LLB$^{+}$00, MBW$^{+}$08]. 210
1 [Ano98m, Ano99m, GBH+19, GSF+19, MDI+12, OGC09, OCKA+11, PF04a, SVR+00, VAK+09, WSFB02]. 1/6° [TBBM03]. 10-year [NLDJ14].

107C [Mun16]. 109 [ENM+16]. 1093 [GPK02]. 10°

[CM99b, PRMM+17, SHD+96]. 11 [FCP99]. 110°

[ADE22, BPD+11, LHD+22, OB22a, PWD+11, PPB+22, SSJ+22, SB22]. 116

[NGM+05]. 118 [ULTL16]. 120° [SvdMC+16]. 123° [PDB+20]. 128°


[DKZP16]. 150° [BRW00, DNA97, NPBS00, NKK+00, PGW+00, TCG00, WvdEM00]. 152° [NPF+09]. 153 [RDC+18a]. 155° [INTS02, TNW02]. 165° [DNA97]. 16° [MGK+17]. 16S [MGT16, XGL15]. 170° [HI+20]. 170°

[AF01, BL01b, BBA+01, BBT+03, CWTJ03, DURP03, HFM+00, ILWH03, LSH+02, MAB+01, MGC+01, SCW01]. 175° [HI+97]. 17° [MGK+17]. 180°

[RTL+16]. 180° [GLL04]. 1816 [GIPYL+14]. 1888 [DHST13]. 18°


[Dan95, IF95, LCR+96, RD97]. 1993 [HBK+98, SCC98]. 1994


[BLB+99, CD99, CD298, DCM+99, DMS+98, DOB+01, GGH98, HKM00, KRF01, LSU04, LCL+98, SW01, SMB02]. 1995/1996

[HSS+00, KNK+15, NKK+00, PNH+00, TCG00]. 1995/96

[GRB+02, GGLP02, VGBTP02]. 1996 [AE02, Bak98, CES98, CHU+00, FBL+98, FDR98, HCWW01, JWS01, KLO98, MFB+98, NPBS00, RS02, RSP+98, SBBW01, SGW+00, SB98, WPAP01, WvdE00, Yal01, ZSB01]. 1997


2 [DIM+12, EBG+15, GSMB01, GSF+20, GOC09, KVBO9, KVB+09, LCdM+16, MGH+16, PF04b, SWCB02, SVS+20, SBvdL+02, VSR+00, bSD+20].

2-component [BA10]. 2-km-resolution [DKZP16]. 2000

[Ano00k, Ano00m, Ano00g, Ano00n, BND+04, Dem04, EHK09, HNW+04, OTH05, RBP+05, SKW+04, WGB+04, vAvVV+03]. 2000s

[Dri09, KDU+10, KFS+10]. 2001

[Ano97b, ARW+04, CCG04, KHB+04, OE06, VKGQ+09]. 2001-PUCK


[FWP+07, LSS+07, SLMP07]. 2005 [CTBNL08, ZHB+07]. 2006

94 [Can06]. 95 [LAF+02]. 95-year [OWW+12]. 98 [TBFP04]. 99 [RAF+14a]. 9° [MSNL09, MGG98, NLSL09, SFV+98].

A. [DVS+97, DDAAH+14, DTP+05, TFR+10]. A87 [LZS+18]. abbreviated [MK19]. ability [NCT13]. aboard [CP22, RSD+97]. above [Che02, SHM+07]. abrupt [WCJ+11]. absence [LBSB+17]. absolute [TSDG13]. Absorption [FCG18, AHGCNM+04, ASF+12, DNA97, MTBB00, MNSM+04].

Abundance [DTWF17, DCM+99, DMC+01, DC06, GRWW01, GGDF08, GFS99, JGM09, LLS+19, MMY+20, MDTS11a, OT+10, PGPI+13, SBB+11, SWSL14, SB05, VSS+93, YBC+17, APT+11, AKK+14, ACG+17, AGD96, BDR16, BRM18, BEC+96, BLB+11, BFA+08, BDL+14, BPM18, BSSK+08, BPPJ15, BCB+18, BH97, BBA+07, BBA+14, BCB07, BL06, BFS+17, BGMH01, BBM+01, CTW+15, CVF11, ILCC07, CCK+16, CSF+12, CBS+01, CLH+00, CG04, CP02, CPEN08, CRBK03, CDJM04, CRI18, DMS+10, DEJ08, DSN+10, DGMS96, DHH15, DVS+14, DSS+14, DC08, DSJ+11, EHK+20, FWZM12, FWZ+13, GGF+08, GSM+08, GGC19, GVD+97, GCB04, GW+98b, HCMW01, HZL+12, HS07, HRM+11, JVDH08, JKK+10, JSSW14, KBB07, KOM17, KG20, KR903, KMM+08, KL03, KMOM19, KSM+11, KRLH14, LAMS+01, LPA+17, LAB+17, LPP+17, LWLS08, LW+15, LDGH16, LW10, MAST05, MC18b].

abundance [MCH22, MO96, MLBB14, MBM+00, MQD06, MHG+17, NCR+08, NB10, NCSB+98, OM98, OMG+11, OB22a, PLD+17, PNH+00, PTD+14, PDA+17, PLA+17, PLPS98, PHKW10, QNL+16, QLU09, RCW+15, RRS+98, RCN+17, RRK+20, RNBD07, SMA+17, SRS+20, SVJRSON04, SVAGRS04, SWL+18, SSNC10, SC14, SBE+07, SBB+13, SHM+20, SSB+16, SNFK02, SNW08, SBS+08, TB98, TDDE+10, TR98, TDKA05, VBM+19, VALM17, VHC+17, WH01a, WSE+16, WvdEM00, WLR+00, YSMW05, YSH08, ZFP+16, ZSZ+19, ZH+07]. Abundances [KLC96, BCKH07, BT03, DBR22, DLSB02, DFMG01, JBS+98, Kyt02b, MBHH02, SA15b, WCSSA+16, ZZ+16]. abundant [DFJ18]. abyss [GM18, KBK+18, KRHS20, TR98]. Abyssal [BEM+15, DQSF02, FHK18, GMBL10, HLL+10, KBG+10, Kha18, LBM10, LJ18, MLP+10, MZH+10, MMD15, PL+10, PDB+20, SRD+07, SWBKK10, VT01, AS01a, Ala15, BGS98, BBL+13, BS98, BB98, BGB08, BBR+10, BPPJ15, Bhu01, BBR+18, BCNS15, BCE18, BCSE15, BFB+18, CCBL14, CASK15, CMH+20, Dau18, DND04, DJ15, DBS98, DGB+98, DDBWH20, DBH+20, EGBMB13, EMG+15, EGBCL08, FHR+11, FB15, FBBW+10, FNS93, GOL15, GC15, GRB+17,
GARVK04, HSC+07, JT07, Jaż15, JSSW14, KPML20, Kam13, Kam15, Kam18, KWPB15, KME18, KKVP15, LSST20, LNJ+00, LMS15, LdSN+18, LBB+07, LS18, MA15, Mar18, MMWM00, MCD+09, MMM+00, PWCL98, PGF+09, PDY20, RJT11, RLBI18b, RKB18, RCCP13, RJP18, SS13a, San13, SA18, SW09, SA15h, SBB+11, SBE+07, SM15, SRAL+17, SHD+96]. abyssal [SBD+97, SBG+98, SD98, SHM+20, SHR20, SPB+10, SC15, TWG00, WP00, WCB98, WZH+14, ZV13]. abyssalis [SM15]. AbyssBox [SRS+15]. Abyssorchomene [DHST13]. Abyssopyga [MFB18]. Acantholaimus [LdSN+18]. ACC [VPS97, YLD09]. accelerated [RFF+02]. acceleration [GBC+13]. accommodate [HM14]. according [VSV+97]. account [BSCE15]. accounts [GMR+05, MK19]. Accumulation [CZP+08, CAFK03a, MHK+03, ZEBG09, ASH+11, BMD+17, BAD+97, BD94, DPLB94, DeM02, DTP+05, HTD00, HFM+02, IMP+02, bLHsL+13, MISC+02, MLG+04, OMY+03, OHT12, RV00, SBH+02, TDKA05, ZCP+08]. accuracy [AGHS04]. acid [BTV+11, BBB+11b, CHM+17, CSW+17, FBCN00, GRSW00, KWPB15, KME18, KYJK16, MSW+13, MAB+01, MKKF18, ÖCB+04, PPYN15, PGF+08, RN96, TYBY06, VTM97, VCSM09, WPFB11, WPSB11, WPB11]. acidification [BJF16, BSN+15, GGC17, HKW+14, JFM+17, KGdC+18, PTM+16, PCH+22, RBJW16, TPW+16, TTL+16, VH17]. acids [EPPR09, GGO+14, GK02, Har94, ILWH03, KČZ+19, Kha18, PRC+09, SNIT02, SS100, WWH+10]. Acknowledgment [Ano09c]. acorn [APT11, ELG+22]. Acoustic [BCT21, BWWG98, BOH+04, FWC+12, GR10, JKK+10, KSB+03, MSM10, SCPP05, WH01a, ADBW16, ATLD+20, BH03, BdBJ+14, BSX+15, BWS+98, BMM+99, BTLC98, CMD+16, CLB3, DWG+15, DTWW17, DO19, DTWW21, DME+18, GWP+98b, GWP+98a, HVBO08, JOD98, KGE+04, LIWS08, LDHO+14, LCG03, MOT98, MS18, MWB95, OMG+11, RDW+12, SC10, SWC+02, SCGB18, TSSR20, UGSK+20, UW99, WGR+95, WWB04, WCS07]. Acoustical [WMS+06, Ano97b]. Acoustically [LWA+04, PMGH01, ASFI02]. Acoustically-inferred [LWA+04]. acoustics [GSPT13, MGJ+18, ŚH11b]. acquire [MCH+13]. across [ADGA01, BTR20, BN04, BBR+18, BSRB17, BG09a, BLW+09, CG21, CWS05, CL09, Cra97, CHSVB+19, DSB+18, DHM+22, DKGT04, EZB+20, EWA+03a, EWA+03b, ECM+06, FWC+12, HWS+07, HLL+09, HWJ20, HLM+01, JM15, KB07, KFFR05, KMK+20, KWW+12, KHL+17, LEP14, MBW+03, MY99, MAB+01, MWF+19, Mun14, Mun16, MKW11, OvdRA+22, Pap05a, PJC19, PBO+11, PRMM+17, RTGV97, RJB+04, RGL+06a, SM00, SMS01, SLB18, SWC09, SHD+96, SLH+00, SBA+20, SKKM20, SBS+08, TSP+18, THJ+05, TNT+15, VCSM09, WJ02, Wir94, WOU06, WSB+09, YSMW05, vdLCS+11]. across-shelf [RGL+06a]. Actinaria [SM13a, AD08, RLG07]. Actiniidae [MBD+17]. Actinopoda [PPC+07]. actinopterygian [DLB+11]. Actionable [RHD+18]. Active [AML01, MMM+13, ACBV+18, CPW+18, DDB+17, DNA97, FC15, GSPT13, GHD+18, HBCG14, HS93, HTT15.
LVP13, LMKL09, LSA14, MWK+18, MZR+95, OSCS00, OCG+09, RVC+13b, RAL04, RCG18, SSHB03, SSV02, SO98. **active-passive** [HS93]. **activities** [Bec97, BGG+09, DCK01, JZ01, MORB+15, NKA+11, PSP+09, SLS+09, SLD+13, WBM96, ZDA+16]. **Activity** [NS93, BMRP02, BFL00, BHSJ16, BBV+14b, BHS+10, BEJS93, CRJB08, CDJM04, DKT+01, DC08, DBDT03, DKGT04, ERR97, FC15, FD98, FMH+02, GQ09, GBVG+02, HMGD17, HMLS+06, Ho96, HD02, HLM+01, IAC+03, JBS+10, KN97, KSS00a, LWMM+09, LWL+16, LRL+22, LNDH+17, MGS+10, MMSS14, MPTW11, OJK+10, PPR+20a, P99, RSR+19, SMGB02, SMGB03, SMB03, TB97, TGA+09, TOSH08, ULTL16, ZJA16, ZHB+07]. **acuminata** [VSGGPR14]. **acute** [TPW+16]. **acutorostrata** [LAP+17]. **acutus** [GIPLL+14, HZL94, PTWM12]. **Adamussium** [SL06]. **Adaptation** [BLM+14, AH17, LCT+07b, PKZ93, RJP18, XZW+19]. **adaptations** [STB+17, SBM+13]. **Adapted** [VAMPR+17, BCN+17, PFW+09]. **adapting** [RHD+18]. **adaptive** [VPdP06]. **ADCP** [HVBO08, FK98, KFH01, SMPSG+04, YXC+19]. **added** [BMF+01]. **addition** [CWTJ03, FSK+05, Had11, HNK+12, KTP+05b, KTB+05, LAW+05, LSS+11, LB98b, PST+05, PZK+05, SVD97, WN01]. **additions** [BTV+11, Thi05]. **Adelie** [WLR+00, CHU+00, BHB+07, CHPF10, EBG+11, ERPFF11, NCR+08, WLR+00, WB03]. **Aden** [GOH+15]. **adjacent** [Ala15, Bea09, BPPJ15, BCE18, BMK09, CKFC18, CAK15, GC15, HSS+12, JT07, JLY+16, Kam15, KWPB15, KTF07, KKVP15, MN10, MA15, MA18a, MA18b, Mar18, MNR+11, NMC+07, NEN+07, OPV11, PWTH15, PW15, RLB+18a, SA18, SA15b, SNS+07, SC15, TAMTC+13, TLR+00, VV04b, VD98, VT01, WKL15, YNK07, YMCC+11, ZBC+13]. **adjoint** [HHNK+04]. **adjustment** [DGR02, PN93, WGB01]. **Admiralty** [NKA+11, SJD+11]. **adopted** [dLWFB08]. **Advacnic** [BTV+11, Thi05]. **adjusting** [BBR+18, RLD+15, RCKCK07, TSB+14]. **aff** [GW98]. **affinis** [BBB+01, HC13]. **affect** [BBR+18, RLD+15, RCKCK07, TSB+14]. **affected** [And00, GGM+16, MMWM00, PFAZL09, RNR20, SBB+05, ZJA16]. **affecting** [AST+05, EGR+16, PSUH+16, SSG14]. **affinis** [BBB+01, HC13].
affinities [WAP+18, ZRC+11]. Africa [RLB03, AJP+22, LTF+19, LPPK14, NFD+02, RP02, RLH+03, SLC+15, WB09, WC07a, YLBdR03]. African [BMGC09, SV09, JRG+22, KHGL+02, MCD+09]. Africanacetus [IATK17]. after [BSJ13, Bhu01, BHS14, Boz01, EBS99, GBB+17, GSB+03, GBD+11, HML99, Joy16, JBÖ+16, LMH+18, PJ09, SEM16, SBE+09, SDLZ13, TBEW99, VKGP+11, YNG+16]. again [IDSM04]. against [PST+05]. Age [LZL+22, VFFM13, WZC+19, CBSS02, CP02, CRD÷17, DMH19, EWF+18, FHA16, FNS20, GEP+16, IJS+10, HSBT19, HSFN13, KM15, MMS+19, MO96, MZH16, SHM13, SHPM14, Vri13, WCS07]. age-0 [CBSS02, DMH19, FHA16, GEP+16, HSFN13, MMS+19, MZH16, SHM13, SHPM14, WCS07]. age-1 [SHM13]. age-class [EWF+18]. age-composition [MO96]. aged [KFW01]. agent [BSSE16]. agents [KSDE16, TD16]. ages [DNG+12, KFTE14, PFDD16]. agglutinated [SSSN19]. aggregate [PLPS98, SBHS20]. aggregated [BS98]. aggregating [LMLC+17, OLP+20]. Aggregation [AJ95, BS01, CCH95, PA95, ZD04, AHML95, AGPR95, BRG17, EB01, REWH11]. aggregations [BPR+10, LWSA08, LWAS08, MGGTM19, RBP+05, ZPG14]. Agriculture [BH19b]. Agulhas [AJP+22, BRL+03, DKS+03, GNG+22, JRG+22, JKR+22, LBR03, MPH+22, NGS+15, NPA+22, PMG+22, SBZ+03, TBBM03, vA+V+03]. aid [BHS+17]. Air [ALWW04, DOBH02, JKB04, KOLA+18, Zü10, AR02, AKBD13, CMB02, DLF+09b, FWG+97, FUGG+09, GLCP12, GCS+12, HLC+11, HTS+09, ITMG18, KR01, KFJ+05, KIS02, LRFK99, MLS01, MLVM02, OSG+13, Pap05a, Sco05, SDCH99, TSS+02, TSW+09, YZZ+16, YZZ+19]. Airborne [HWS+98a, CMV+20, THV+99, YAS+93]. Akademik [CP22, Ste13]. Akashiwo [OM14]. Akutan [FBB+13]. al [BJF16, BMM+99, GAML+20, PTMH16, KMSTM11, MV99, MHFM15, SBD05, VM01]. ALACE [CDDC03]. alalunga [WAN+15, ZKSS06]. Alan [Ano19]. Alarcón [TMC04]. Alaska [CM16a, DB16, MD17, ALHP18, ARVM13, AISR+16, ABC+05, BC05, BOHW22, Blo02, BCB+18, BZMC20, BMB+18, BT04, BWOR22, Cam18, CWS05, CM16b, CP05, CHH19, Cra05, CBPT05, CBA+05, DMFD19, DMFB19, DHM+22, DTWW17, DO19, DTWW21, DMH19, DBM17, DBS+09, DM16b, DSC+19, FME+09, GS06a, GSC+19, GBG+22, GDAMS19, GKR+18, HMGD17, HHD+09, HLC+16, HCG+09, HPH+16, HSC+19, HDJP05, HNB+13, JWO+09, JMSW05, KA12, Kli09, KMOM19, LWO+09, LSC05, LCH+09, LC16, LCS16, LB18, LDGH16, LSNW07, MMS+19, MP099, MHPS19, MC18b, MD22, MD14, MHTZ19, MOA+18, MSK+19, MBC+09b, MZH16, OMS06, OMAA18, OBB+19, PHL+16, PWH05, PZS+19, PDC+21, RHD+18, RDSA+21, Roy05, SCD14, SHB14, SDB+19, SBML19, SCB+16, SRN02, SBC+16, SGM+14, SCH+19b, SCH+19a, SMB+18, SFB16, SFB19, SPP22]. Alaska [TBH09, TMW+05, VBM+19, WDR05, YSMW05, Zim19, ZDO19]. Alaskan [FTT+17, BRD+18, LPM+19, OCP18, PAUB19, RH+18, RSC07, RB07,
SBK+16, VSM+17, ZRG+16. **albacares**

[BSN+15, DABMAMA+04, DWM+15, LCW+20, WLT+20]. **albacore** [DKP+17, GDA+15, LSNH+15, PPYN+15, RSJ+17, SA+14, SLHS+20, WAN+15, ZKSS+06].

**albatross** [PW+06, WS+19]. **albatrosses** [KRLH+14, SS+06]. **albatrus** [PW+06]. **Alboran** [LGR+14, CV+17, SAPB+16]. **Aleutian** [BZMC+20, NHCL+14, PHH+16, RBO+07]. **Alexandrium**

[ASK+05, AKM+05, AKK+14, AJG+10, ANO+05a, ABS+14, BFG+10, BKS+10, BFK+14, BAD+14, CTC+05, DPS+14, DTP+05, EPK+10, ESA+10, ERO+05, GT+14, GK+05, KCMA+05, KCA+05, KTP+05, LMK+05, LTH+05, MPH+05, MLH+14, MKT+05, MAST+05, MALT+05, MKT+14, MBC+14, PTD+14, PK+14, PAM+14, PKA+05, SKM+14a, SMD+05, TFR+10, TBT+05, TPT+05, TMTR+14, TB+05, TD+05, VCM+14].

**Alexandrium-imposed** [LTH+05]. **algae**

[BMS+18, BMR+14, EW+99, Gra+09, RPZ+14, Ste+10]. **algae-degrading** [RPZ+14]. **Algal**

[CCL+14, RV+11, BBL+14, BSG+02, DB+97a, FMS+08, GSP+01, GLW+97, Gra+09, PLG+09, RBMY+14, RCF+16, SM+96a, SLT+14, SML+02, TR+09].

**Algerian** [IFF+04]. **algorithm** [PW+15]. **Algorithms** [CO+09, BM+06, CC+15, GG+95, KDK+06, LMD+16, PG+18, RD+07, WPA+01].

**Alicella** [JL+13]. **Alicellidae** [JL+13]. **Alien** [SA+22]. **Aliphatic**

[MRP+17, HTP+14, ULH+21]. **alisa** [CP+18a]. **alkaline** [KN+97]. **Alkalinity** [HM+06, CH+02, CSL+07]. **Alkane** [HT+17]. **alkene** [SB+97]. **Alle** [KH+02]. **allocation** [Arm+06, SHM+13, SH+16]. **ALOHA**

[CB+01, AM+01, BG+08, CTGD+08, CH+96, DK+96, FSL+01, KCD+96, KB+01, LAMS+01, LDW+96, PLT+13]. **Alone** [EGMB+13].

**along** [ABC+04, AMN+02a, AAG+02, ADE+22, AHYB+17, BRG+19, BJ+06, BK+96a, BHS+19, BFH+11, BHSJ+16, BFB+18, BL+01b, BSS+15, BBA+01, BBD+03, BCF+04, CFB+18, CFT+04, CCR+96, CWT+03, CRM+18, CM+02, CG+04, CA+04, DRH+09, DONF+08, DJR+01, Duc+08, Dus+06, ERP+11, ECS+17, FHR+11, FCW+15, FG+97, GR+01, GPC+18, GLLC+04, GAR+04, HHH+15, HBCG+14, HZM+00, HSY+08, IL+03, JWO+09, JLL+15, JBS+10, JNBJ+17, KNK+15, KR+05, KRB+95, KTB+02, KCD+97, LHD+22, LWS+08, LWAS+08, LOB+09, LMS+06a, IWSZ+13, LBB+95, LBE+06, LK+95, MS+09, MY+99, MPZ+04, MGN+96, MKS+20, MCD+09, MLBB+14, MRD+13, MLG+04, NFD+02, NTH+10, OBC+14, OB+22a, OB+22b, PH+06, PDA+20, PH+96, PFC+19, PK+00b, PHDK+11, PKG+14, RHL+22, RV+00, RSB+15, RP+05, RPZ+14, RDC+18a, RDC+18b, RYT+01, SMCA+01, SH+96c, SLB+18, SWL+18, SHB+14, SZV+19]. **along** [SB+08, SKMD+02, SIFS+10, SBK+08, SBH+02, SSJ+22, SKSW+02, SSR+14, SHY+08, SW+17, SLP+17, SB+22, TSS+19, TBSP+18, TMP+13, VKC+09, VCD+14, WLR+00, WNA+10, WS+11, WZB+14, YU+03, ZSB+01, dCH+OF+18, vHHH+11].

**along-shelf** [VCD+14]. **along-slope** [CR+18]. **alongshelf** [CS+01].

**Alongshore** [HN+16]. **alpha** [CAR+07]. **alpha/beta** [CAR+07]. **alteration** [TGG+09, WO+16]. **Alterations** [DKP+14, LK+09]. **altered** [DA+20].
alternations [OCT+19]. Alternative [MMTT+20, TCEW07]. Altimeter [SJ00, BB03, BSS+02, HFKY05, WEB93]. Altimeter-derived [SJ00]. altimetric [Mit96]. altimetry [KFH01, LM13, MMXS02, SMS03, SMPSG+04, WH01b, XAY+11]. Aluminium [VVTM97, MvxSB11]. aluminium [CW97, KA121, PCDM11]. alutus [CM16a, CM16b, SCH+19b]. ALVIN [RSH10, NKB+18]. Alvinella [DCA+98]. alvinellid [PZL+09]. Am [LLL+03, MPS+03]. Amazon [HMSMK04]. ambient [NSvH+11, TGRB02, UW99]. amendments [JMN+15, MAT+12, RJM+15]. America [BMK05, PPM02, SW09]. American [RSCFT+16, DKP+14, FBS94, RSCFT+13]. amercium [LGP+03]. Amino [GK02, VCSM09, GGO+14, ILWH03, KCZ+19, PRC+09, SJS100]. Ammodytes [SLLT10]. ammonia [YLD09]. ammonia-oxidizing [YLD09]. ammonium [BFT+97, BCDV02, CCK+16, GMT+09, GMLB99, HSS+18, MF09, MSRMO8, RWJ06, SFW08, SGD14b, WR01]. ammonium-oxidizing [HSS+18]. amo [YLD09]. AMOC [CH11, MZD+11]. among [BSR+18, BRBD17, Bro19, DFH+11, DSC+19, IGN+10, KCM+14, KCL20, NLS09, OCP18, PKHH17, SW09, SVJ+08, WCS07]. amongst [CAGL13]. Ampelisca [SR08]. ampeliscid [SW08]. Amperima [BBR+10]. Ampharetidae [KEA+17, QRE+17]. Amphimelissa [MA05]. Amphipod [CBK+07, BVL04, DHST13, JLL+13, Jaž15, LMLJ18]. Amphipoda [HNS+11, BV04, DHST13, JLB18, SR08b, WT12]. amphipods [AGD96, DEJ08, DYEJ08, HP08, HTD13, KBF+08, RJP18, SW08]. amplification [GPC14]. Amplified [MN10]. amplitude [LH06]. AMSR [MS12, OCKA+11]. AMSR-E [MS12, OCKA+11]. AMT [BMML06, RPH+06, CMB09]. Amundsen [AMvD+12, ALvD12, BLB+11, CJK+16, CCK+16, GAL+12, GAL+20, HKY+16, JLY+16, KAW+16, KCY+16, KLI+16, KHL+16, KYKJ16, LLK+16, LPJ+16, MDS+16, MAT+12, SKK+16, TAL+12, TLP+12, YJL16]. anaerobic [CCK+16, GMT+09, HSS+18, HFL+15, TCG+18, WJS+10]. analog [AWL+09]. analogues [MR15]. Analyses [PPR+20b, BS05, BS06, DCC+13, GBP00, GKB+18, HSHM02, KOS+16, KHT+20, MC18a, MKKF18, OTNT05, OSRS00, PGFP+08, PSK00a, PCP+17, WMH+07, WPFB11, WPSB11]. Analysis [BES11, DCL+21, FGH+13a, HA03, KCTG16, PMP+16, SMPSG+04, BBS+20, BGB08, BK69b, BOJ+10, CP22, CCM+20, COJ+09, CHV+15, CTW+20, CFL+16, DF16, Dan95, DRD06, DIM+12, DABMAMA04, DBD03, DKC+17, DBMC17, DBC+02, ETP+16, ESK06, FGH+13b, GGC19, HGB+13, HII+19, HII+20, HSR+22, HZ19, IS07, JSBC15, JBOH10, KY17, KTS07, KGW96, KS10, KW00, LDH+14, LM13, LH15, LL13, LPL+20, MN10, MMY+20, MDI+12, MB03, MSJS08, MMT08, NHS+13, OAH+16, PSK00a, PPS+16, Pö06, RH14, RWT+20, RJDR06, RI05, RVZ02, SSWM18, SGP+11, SSB+06, TSW+12, VSR+00, WZC+19, WS13, WDMLE01, WHLR13, WvdE00, WvdEP+10, WLT02, XZW+19, YQMB20, YBHM05]. Analytical
analyzed [IFFGL+04, LB98a]. Analyzing [KLM13]. Anammox [GMT+09, BRM18, HSS+18]. Anatolian [CYB+18, GPC+18]. Anatomy [ABG+20, MFFM03, VPS97]. anchovy [CDG00, EEAA+19, MGGTM19, NSBL94, WWH+10, DBC+19]. Ancient [PPM02]. Andaman [JMW+20, NG10]. ANDEEP [BDG+04, BBB+07, BEG07, GJ11, VK04]. ANDEEP-material [GJ11]. anemone [MBD+17, PB13, SS13a]. Anemones [AD08, RLGG07]. Angel [MLB+10]. angelfish [LA´A+14]. Angola [BMD+17, DZL+17, JBD+09, LOB+09, OCG+09, SBDB09, vCO09]. Anguilla [HK19, KT06]. animal [ELP13, Fed13, HBM+07, TT17, WLD+07]. animal-attached [HBM+07]. animals [BCE18, KPML20, KG20, MN10]. Annelid [NRSL17, QNL+16, VHM+17]. Annelida [Ala18, ALSF+17, GLMB18, KMA+18, KEA+17, RRT+17, SE07, SSAL+17, SRAL+17]. annelidicolous [CBMM15]. anelids [OBKA17]. annotated [PDB+20]. Annual [AvD04, ALvD12, BMH05, BSS+02, CSS+22a, HM93, HdB+02, LGHD20, LN01, PIP+00, SFW08, WMC06, ASFI02, BCM02, BT04, BD06, CTW+15, Chi96, DGA+11, FMS08, HLL+10, HHH+14, HZT+06, HXC+22, KPPL00, KMDW01, MSGO18, PVRA07, PLHMA06, RMBG11, SMLP04, SNS+16, SMS03, WGST08]. Annular [MMH+08]. anomalies [DVS+97, GOH+15, GOGCDB18, KD13, KLM13, MPZ04, SMH+11]. Anomalous [AFB+94, PLHMA06]. anomaly [DGR19, GPMZ+10, RdGM+09, TGF+02, WTWC07]. Anomura [CRT+00]. Anoplopoma [CM16a, CM16b, RDSA+21]. anoxic [HM06, KMLT06, TBSP+18]. Anoxygenic [TSS+19]. ANT [BPRS11, FdBGP11, GJ11, Kyt02b, Kyt02c, RSD+97, SDB+97, SBvdL+02, SGP+11]. ANT-XXIII [BPRS11, FdBGP11, SGP+11]. ANT-XXIII/3 [BPRS11, FdBGP11, SGP+11]. ANT-XXIV [FdBGP11]. ANT-XXIV/3 [FdBGP11]. Antarctic [ARW+04, ADG+08, BLBW+11, BSR+18, BLO+17, BMG+17, BCF+04, CAMA+02, CR06, Can06, CHM+17, CA06b, DKS11, DT08, DZ08, DFK+06, ERPF11, EWA+13a, ECA+17, ECS+17, FJF+11, GSM+08, HBT+08, HBO11, ITMG18, JFM+17, KNK15, KOLA+18, KGdC+18, KMMS18, LWSA08, LWSA08, LBM+17, LAGK+18, MDTS11a, MSI+08, MBW+08, MSJ508, MCCI1b, MdSLH13, NKA+11, PHT11a, PHS+17b, RVZ02, SHW+04, SH11b, SBS+08, TCM+04, VFS02, VNBW18, WAL+11, dCHdOF+18, BDG+04, ARLB00, ARNB01, ADBW16, AS02a, AF01, AGW+13, AE02, AAMF+02, ACSSG15, AHV+17, Ano06b, ASMM11, ASH+11, AHB+17, ASF+12, BCF+07, Bai09, BDE07, BFF+07, BLO04, BSS20, BVL04, BV04, Ber07, BCVCHW04, BRW00, BSZ99, Bol08, BS+18, BSCR11, BKP06, BKC10, BBB13, CE+11, CVF11, CHPF10, CMG+11, CSW+17, CSP05, CMNM16, CWTJ03, CBC02, CKH+08, CWD+10, DSB+18]. Antarctic [DURP03, Dal04, DNM+16, DVS+97, DND04, DDS11, DO01, DK04, DPS+11, DKG10, DLB02, Duc08, DEK+08, ETDB11, ECD06, EWA+03b, FCG18,
Fig02, FG97, FWM+11, FMWD07, Gag04, GTSC08, GHM18, GMS+02, GSK02, GP08, GAP+06, GD07, GJ11, GWDP11, GSO6b, GDC11, GBVG+02, Gut06, GBD+11, HNS+11, HTA+17, HWN+04, HKN+04, HCHW00, HH03, HWC08, HWCT08, HWCT11, HKO+17, HHP04, HRM+11, HPM02, JK+10, JSM+16, JBS+13, JCM+13, JHS+17, JSSW14, JH04, JVL+16, KGB+11, KKN15, KRS+11, KKM+10, KMB11, Kla97, KHB+04, KSM+11, KBF+08, LCVC06, LSB+02, LBR+11, LCvdM+16, Lar04, LL01, LSS+11, LWA+04, LT16, LB93, LG03, IWC05, Lin04, LGB06, LBE06, LZZ+22, LRM+02, LDD+97, MAH+12, MA04, MB07b, MDD+08, MMTS11b, Mar19, MGJ+18, MOP98, MBF+10, MNG+11, MTK+18, MTD+18, MAB+01, MSV+17, MSvL17.

Antarctic [MBvoL08, MCHV+08, MBT97, MGC+01, MS11, MDP+11, OA11, OSHB07, OCKA+11, PHOM09, PH17, PG97, PNH+00, PB07, PDT+11b, PB13, PAVBG12, PHS+11b, PG18, PHD+11, PHDK11, Por06, PRMM+17, PDTS08, RTB02, RDW+22, RPM095, RAF+11, RHPC+19, RVS11, RLGG07, RQNO04, RQ+08, RPZ+14, RFB97, SWR+95, SM00, SGW11, SSWM18, SvdMC+16, SL06, SH11a, SAVP12, SDD+11, SBE+07, SLA+01, SBM+18, SRE+11, SK07, SPS08, SDB+97, SMDR02, SK02, SMD06, SMS+08, SM08, SMS08, SMH+11, SHW+16, SS+11, SGB+02, SGP+02, SBvL12, SWGP17, SLP+17, SP06, SKH10b, TGU+06, THT11, TNBL95, UWW0E+16, VR01, VMB03, VBM97, VGBPA02, VK04, VKG+11, VMB17, VPD06, VMI+08, VPS15, WMB+08, WTS08, WSE+16, WBCB06, WGMW10, WGWL11, WGST08, WNA+10]. Antarctic [WS11, WR010, WMA11, WvdE00, WBA03, WPF11, WZB+14, YK+07, You99, dSEDV11, VVfdBB+02, VWMR+17, vdLBB+02, vdLCS+11, vFSGS02].

Antarctica [CR06, Can06, CTD11, DBDT03, DDK+00, HVB08, IMP+02, MISC+02, PIP+02, RJGBF02, VSGM03a, AVD04, ALvdD12, BS03, BFC+06, BS01, BLB+11, BN04, BCD02, BAK03, CHPS00, CDL+00, CCZ+21, CHU+00, CKJ+16, CCK+16, CA06b, CMW+08, CB01, CMK+18, Cri95, CKL03, DBD03, Dia04, DASC02, DCC+01, EBG+11, FMS08, GZGH22, GRS00, GR10, GUSB03, GCJ+10, HCL+22, HDR+11, HBB03, HMB11, HSR+16, HSK+00, HSD04, HWS+07, HWTW22, HZL94, HKY+16, JKB04, JR11, JKK+10, JCP+22, JLY+16, JKF+10, KFG+03, KR03, KB+14, KCY+16, KLJ+16, KHL+16, KLO3, KMD+01, LRR+04, LPJ+16, LXWC21, LCDS00, LT03, MMTT+20, MBS+13, MGH+16, MLH+22, NPS00, NKK+00, NVK+04, NCR+08, OVKN11, PNH+00, PDT+10, PEC+04, PBO+11, PDB03, RJT+11, RCF+08, RCF+16, RBS+17b, RHZ+03, SCM+02, SRS+20, S unp+03, SFW08, SLS+10, SHWW22, SRF95, SMHB00].

Antarctica [SDKH03, SBKS03, SBG+03, SGW+00, SGD+03, SCH+00, SSH+00, TCG00, TLP+08, TLM+12, TM+11, TML+16, TKF16, VSGM03b, VMF+16, WvdEM00, WTA12, WLA11, WLR+00, WNRM08, WMP+11, WSL+11, YJL16, ZGGF22, bsBD+20, vdMLB+11, BTFB12, BTC13, CWEHT22, SDMC03, VVM+12, ZDV+20]. antarcticum [OMG+11]. antarcticus [LZL+22, NCL13, PB13]. ANTARES
[DRBM97, Gai97, PPRL02]. **Antares-4** [PPRL02]. **ANTARES-I**

**[DRBM97, Gai97].** **Antartica** [GSK96]. **Anthozoa**

[SS13a, Dau18, MBD+17, RLG07, dMGPT+14]. **Anthropogenic**

[AAW+16, DCC+17, MDTG13, PDG+03, SZB+19, Wal94a, Aar03, AAG06, Ano96f, AAL+17, BCWT00, BFM+14, CHL+95, FPB+14, IPTH03, MHK+03, OGR+19, PWF03, RPFO1, ZMY13, KGdC+18]. anticipated

[ML20]. **anticycloidal**

[EMW+08, IFFGL+04, LML+01, MRLL01, MML+06, PWH05, RSC07, WR01]. **Antifreeze** [CDT11]. **Anthimony** [CCFL01, RZS+16]. **antioxidant**

[TTDR13]. **Antipatharia** [ROS+17, MGPT+14]. **Antipathella** [ROS+17, MGPT+14]. **ANTXXIV** [VvdLS11]. **ANTXXIV-3** [VvdLS11]. any

[PHH+16]. **AOAC** [DRR+14]. **AOL** [YAS+93]. **AOSN** [FH09, RDL+09, DJCF09]. **AOSN-II** [FH09, RDL+09, DJCF09]. aperture

[JLAD95]. **aphyonid** [MGN+18]. **aplacophoran** [SI09]. **Aplustridae** [CC13]. **apparent** [BHS+10]. **appendicularians** [ADS+02]. **appendix** [Ano96d, CDB94]. **applicability** [SJL05]. **applicable**

[Ano17f, Ano17g, Ano17h]. **Application** [CAJE15, GGP+14, KBE+04, YKN07, AS02a, DLR+01, DRR+14, FSG02, FCP99, KS10, PDC+21, RSC+09, SAM96, XSL+17, ZRG16]. Applications

[SDGH14, ETP+16, NB10, DHS+14]. **approach** [CTH+98]. **approximation** [SJL05]. **April** [Ano98m, BSMV03, DTP+05, IF95, TDKA05, Ano00m, Ano22a, BCI02, CRD01, MLG+02, VPK+19]. **Apulia** [BFT10]. **Apulian** [Di 10, MTR+10, SC10]. **Aquaba** [BKP+19]. **Aqua** [CWP+15]. **aquaculture** [OSM+20]. **aquaria** [LPdR+14]. **aquarium** [KKM+10]. aqueous

[PAZL09, SLS+09]. **Aquilantian** [ERB+99, dMCNC99]. **ARABESQUE** [Bur99]. **Arabian**

[BG09a, CL09, GBSL98, GNH05, HLL+09, J JVH18, KFH01, KRG+01, LG00, LG09, LMB+98, LGML00, MCG+98, PPZ93, PSAY20, RRMM05, SMBM99, SW00, WJD+00a, ZBO0, AYN19, AYMAS19, ASFI02, BN05, BDF00, BRM18, BRJM18, BE00, BEGO04, BMB+01, BMC99, BL99, BCBF03, BH19a, BDM+03, BFL00, BSP00, BL00, BSS+00, BSS+02, BDR+03, BLW+09, BLH+09, BLH+09, BBA+98, BGH+19, BBB+01, CLC+98, CD99, CWB02, CB00a, CM00, CDA98, CLH+00, CML+09, DC00, DCM+99, DMS+98, DOB+01, DG18, DSC+01, EBS99, EOB03, FTV97, FI02, FWR+02, FK98, FH806, GGRW99, GGH98, GGH+00, GMR+05, GMLB99, GBLS00, GBBS00, GW98, GRSW00, GGRW98, HP98, HML99, HLS+02, LML06, PWH05, RSC07, WR01]. **anticipated**
HDP199, HKMS03, HXC 22, JTW00, JPZ93, JLB 99, KMD 99, KMDW01, KBSS93, KSS00a, KW00, KN05, KSS 00b, LRGH 05, LBC 98, LB08a.

Arabian [LLB 00, LMB 98, LJBF00, LI00, LCL 98, LWGS00, LOFC00, MGH10, MDH 98, MTBB00, MPS 21, MGN99, MMWM00, MV99, MDO 98, MBM 00, ML20, MCS 99, MFM 18, MPS 03, MMM 00, MBG09, NISG05, NS93, OHFW93, PLaL97, PL00, PSDK00a, PMGH01, PTA 99, PJ99, PS05, PDS00, PVT 21, RSR05, RJKR06, RSF 99, RHI00, RI05, RJBF99, RSW 00, RNP93, RBB 97, Sam01, SSJ 99, SBS 00, SB05, SWC09, SOS01, SW01, SRP 98, SLH 00, Sm01, SSR96, SP00, SBE 99, SZZ 07, SBS 02, SJSL00, TBE99, TFL97, TP99, TLR 00, TWG00, WPHL02, WBJ 98, WFR 02, WJD 02, WM02, WDMEL01, WGG98, WP00, WIt00, WLO00, WLC99, WRS99, Z097, dSG99a].

Arabian/Persian [PSAY20]. aragonite [MMC 14]. Arc [Lin04, TTD13]. Archaea [TGA 09, MTKD98]. archael [BRJM18, LTG 09, NKA 11, QLU09, SPS018, XGL15]. archaeabacterial [GD07]. archaeological [BOC18, DCS 18]. archaic [GAP 06, BSCR11]. Archipelago [CSS 10, ES04, NCT13, CHH 22, FPGH02, MDG13, RVC 13b, BNM 07, GBL 08, TRM 07, VFFM13]. archipelagos [CSM13b]. Archipiélagos [SCC98]. archival [CFK15, TCEW07]. archived [LSL 15]. Arctic [Ano05b, CGG 12, GCS 12, GH05, GHS09, HD07, LJJ 12, LGK15, MORB 15, MBL 15, MWFS17, ORFA 14, PSA14, RGS 07, SSF97, SSH09, YKJ15, Arr15, Arr16, ATN 12, BFL 20, BKP 20, BBL04, BCW00, BIH10, BHK 10, CFK15, CSA 09, CAS 97, CWP 15, CLQ 18, CAC 97, CLGM05, CGG 19, Cra07, CMPB18, DBJ97, DTFW17, DTW17, DWW21, DBM17, DSW20, DCF 18, DGS 05, DGT17b, DSY09, EAF 17, FPLB 08, Fer06, FNS20, FTT 17, GMD07, GVW 19, GGCM17, GLW 97, GBI0, GNB 17, GMC19, GKBG17, GFG7, HHH 15, HMGD17, HTPM14, HCAK17, HM14, HC05, HALV18, HK07, HKP 97, HEW15, INTS02, JYM 15, JDL 12, JLI 12, KMM05a, KCD 19, KBB 05, KMC05, KHC 09, KEA 17, KHI0, KCO 19, LKD 15, LCS 06, LKJ 15, LMM91, LLM 17, Liv95, LPMS09, MBII 10, MKG19, MS12, MSG018, MSV18, MS97, MKH 05, MWFS17, NPF 09, NED09].

Arctic [OC19, PLL 06, PWF 07, PLGC19, PPFJ09, PDE 16, PHK10, RLB 18a, RHK 10, RFF 02, RWRS08, RHD 18, RFQ09, RKS 95, SSSL95, SdLM95, SE95, SFPH 08, SCGB18, SBSW07, SFP 09, TCH 16, VSFF09, WHF 19, WBO07, WYOS18, WWH97, Wz07, WYN 22, WTT 20, WC10, YHK15, YBM05, ZCG 12, ZWL 22]. Arctocephalus [AHB17]. Arcturoid [GB18]. Area [BJK 22, DKC 17, GASGB14, AMJRD19, AAMF 02, BM17, BCNS15, CBE18, BEM 15, BFG 10, BVGE 06, COV 08, CSGV13, CIW19, CDIJM04, DJC 14, EMG 15, FIB15, FEB 15, FSG02, FS14, GHM04, HH93, HDF 01, IMP 02, LUV09, LWDH06, LMS15, LG008, LV15, MA16, MB15, MVC15, MQACB08, MMH 14, PWMC01, PAB19, PFAZL09, SdS01, SP09, WSP19, vGCM00]. Areas [LVP 17, PRDB 17, Ala13, AE02, BCVCHW04, CSM 13a, CLQ 18, DC12,
Assessing Artedidraconidae [LCVV06]. Artic [Ano96f, CHL+95]. articulata [JR11]. artificial [AS01a, STF09, Tho97]. artisanal [TMGL19]. ASAR [OCKA+11]. ascertained [LMLC+17]. ASE4 [Ano01a]. Asellota [EGMB13, KBK+18, G0l15, G018, GM22, MB07b, MB15, MB18, MG22, RH04, RMW07]. asexua [TGU’06]. Asia [GBK19]. Asian [JRK+17, WKM+07b, WKM+07c, Bro19, BH19b, LP19, PH19, SPD19, Sum19]. Aspects [BCP+15, KBSS93, OVKN11, ASB+02]. asperum [WZC+19]. asphalt [FYS+17, NN+17]. assay [EPK+10, PBG+10]. assemblage [LCC07, CSGV13, DSE+14, GVW+19, GAP+06, KRHS20, LS14a, LHZJ13, MKKB14, MSK+06, MBB07, WAP+18]. assemblages [ATJ05, AAG02, AFC+17, ARB+13, ANS+11, AKHR+20, BAS00, BHS+19, BH94, BSCR11, BBW+15, CBNN+09, CPF+14, CJA+06, CG21, CD20, CH97, CPA+11, DHS+14, FKS18, FS14, GCCG13, GDAMS19, GMBL10, GSIs+14, HNM+20, He94, HSR+22, Hus16, IMG+19, IKR+12, JTW00, JBD+09, KBB+10, KNI+05, LWDD06, LWSZ13, LBB+07, MBI+10, MRMP09, NSWY20, NHBM10, OKY+17, OT12, PWCL98, PMS+20, PZL+09, QSA+09, RVZ02, SKS+14, So99, SPB+10, SB22, SRS11, Tn03, TT05, TVLB08, TMP+13, VGBGPA02, VH99, VT01, WAM+18, WRBS10, ZBC+13]. assess [FSP+16, MBP+20]. Assessing [BS21, BHS+10, CMG+11, CNOC13, FA03, GWP+98b, HPWP07, Hei02, PSUH+16, Pas18, SSSN19, SMH+06, SSP+09, Vri09, DTB+02, TBSP+18]. Assessment [COS+16, CWP+15, DMI6a, LL13, MB96, MFN+02, PPR+20a, SHS+12, STP+16, VTA+11, APB+09, CML+14, DMC+17, DBG+16, EHBI9, FBH+17, GGP+14, HCBP97, HIA+16, KFW01, LTG+09, LTFI+19, LCL+22, Lip01, NP03, RP18, RDSA+21, TRF+07, WSL07, WPW+14, YKSI19, BKS+16, ESW+16, Mah16]. assessments [IHPA16, SPW+22]. assimilated [HFW06]. Assimilation [Fri01, SP09, CFZ+18, FM03c, HDGM19, HFKY05, LHS06, LDWK06, MD14, OBM+93, SRA+09, SJL05, SS01, TDC08, WO99]. assimilative [CLF+09]. assist [AKZL16]. associated [dSV+14, BW04, BPKJ15, BCHK07, BRBD17, BAKF03, BPR+10, BVGE+06, BLT+08, CBNN+09, CRO6, CDST+17, Cha03, CSG+15, CKJ+16, CCK+16, COQ+18, CCM15, CTT09, EHL02, ERR97, EHK09, FR10].
Atheresthes [DDAH 2017, LSV90, LSM06a, LPPCF10, LXS 13, LMLC + 17, MCS + 09, NMN + 17, OGP + 15, OB22a, OLP + 20, PLRV22, Pas16, PHD + 18, PZL + 09, SMZ + 08, SYT + 10, SL94, SAVP12, SBBP + 15, SZH + 04, SSAL + 17, SS02, SS19, SM03, SSS + 11, Sot09, TSS + 21, Thu06, TLR + 00, WPDK, WCH + 93, WCB08, ZPG14, ZPT + 13, ZAI6]. *associates* [BVL04].

**association** [ALH + 01, AHVB + 17, ACG + 17, BDL + 14, CS06a, NKA + 11, PGPP + 13, SPH + 08, YBC + 17, TTU01]. **associations** [BWH + 17, HSY08, KFW01, IWS08, MBB + 02, NYH + 20, OMS06, SJJ19, YSM05, YSBH06]. **assumptions** [GLF + 03]. **asteroid** [FSG02, MM15].

**Asteroida** [Mah16]. **Astrid** [DKdS + 03, vAvVV + 03]. **asymmetry** [DWW + 02, MS12]. **asymptotic** [CJ19, Mar19]. **At-sea** [CFG07, WR + 16]. **Atheresthes** [DDAH + 14, DMI19, SCH + 19a]. **athesthes** [BG10].

**Atlantic** [AFB + 94, ARK + 94, Ang10, Ano96g, BBB94, BMK96, Bao09, BDL + 14, BA94, BS94, BRP + 13, BY04, BHL15, BAC + 15, BWH + 17, BJ15, BSS15, BOJ + 10, CFJL96, CAGL13, CdST + 17, CM193, CR01, CP01, CNM17, CWd99, DMJ39, DKT + 01, DOB12, DGN96, DSE + 14, DKQ + 93, FBS94, FS05, FH + 14, FCW + 15, FPW02, FKH13, GGG93, GdSP11, GNT + 17, GOP + 01, HCB + 17, HAH + 01, HC13, HS93, HMF93, HFP94, JKB04, JLL + 15, JPM19, KM96, KFF + 94, KD01, LRK19, LSU94, LDload71, LDH19, LDFS19, LL13, LTS + 13, LN01, MHS01, MP17, MK96, MRD13, MTM + 13, NTF01, NKB + 18, NESB + 15, OLG + 01, QW15, RBF09, ROL + 15, RSB + 15, RDFS199, SH00, SSUB15, SPP13, SSAL + 17, SLL13a, SKS + 14, SE14, SPB + 10, SGL99, SSS90a, SJST13, Ste04, SLB13b, SMB30, SS13b, TR908, TCJ + 11, TRM + 15, Wal94a, WCH + 93, WBB01, WBML06].

**Atlantic** [Wir94, WSLC15, YQMB20, You99, ZBC + 13, ZPT + 13, ABD + 13, ADV + 01, APB + 09, AGL + 19, ACV + 01, ACG + 01, ARB + 13, ARC02, ANL13, ABKL96, AKB13, Ano99a, AMY + 09, Ark13, AHVB + 17, AL13, BC11, Bae11, BJ1 + 06, BMS + 18, BM093, BMP + 09, B01, BSX + 97, B02, BWDG02, BFDB17, Bec97, BML06, BJ13, BMS09, BGW08, BW99a, BBR + 10, BG94, BSJ13, BCH + 11, BBR + 18, BSZ199, BN + 09, BRB017, BLG11, BHAI13, BG10, BBP + 07, BHJ + 14, BBF + 18, BSW + 13, BCL14, BzvH00, BR14, BD06, BJE93, CVA + 13, CAH + 09, CFK15, CSEP + 17, CHN + 10, CSM + 13a, CPF + 14, CH11, CRDP02, CSM13b, CM99a, CZVR02, CWB04, CFP + 04, COJ + 09, CM03, CBW01, CMO9, CW09, CSH + 13, CJE15, CGPM13, CHV09, CSG13, CSP13, CLE13, CL13, CRH97, CBS11, CPA + 11, CM99b, CCF101, CCO1, DLR + 01, DDN + 04, DMC + 17, DSK + 13, DTH + 02, DB97a].

**Atlantic** [DONF08, DJR + 01, DKL13, Dno99, DSW20, DCO01, DB97b, DH93, D06, DHST13, DJC + 14, DFMG01, EQW + 13, EHL02, EWP + 99, FVW08, FRW00, FWS94, FHP94, FS07, FD01, FUGG + 09, FCDB08, FCAD04, Fro04, FPB04, FYS + 17, GGF + 08, GRW01, GLCU + 17, GOD + 01, GWR93, GM11, GSW99, GCI + 01, GD0F08, GSW + 09, GDA + 15, GBLS98, GMB10, GAI + 13, GAHD + 17, GLMB18, HTD00, HT01, Ham07, HH + 93, HMW + 15, HAF + 15,
Atlantic [LH08, LWC05, LAJP13, LLM+17, LS18, LBB11, LMLC+17, LBB+06, LGB13, LFHF+17, MBW+03, MAH+12, MZD+11, MFB18, MH93, MFG+93, MR01, MC09, MLP+10, MPL15, MD06, MS99, MLS01, Mas01, MCB+15, MB03, MA05, MSW+13, MSD+18, MHFM15, MKD+20, MRMP09, MDG13, MG13, MBK97, MdBL94b, MGR03b, MWB+09, MK+17, MBMGK08, MFE+02, MKW11, MR15, NH+13, NMK+20, NDT+01, NHS+13, NRBO+05, OBC+14, OL15, OVB+19, OGBF08, OPG15, PPA10, PLS+10, Pak04, PF04a, PH17, PK08, PP93, PWCL98, PKR08, RHJ06, RHJL09, RMI+17, RCM+17, RFLW00, SA14, SHI06, SM+13, SP14, SKC99, SLdB+09, SLHD93, SSA+17, SBB05, SSMC10, SFR+01, SBB+11, SWB+09, SRDV07, SLHS20, SFR+06, SRF+09a, SF11, SPF+94, SML15, SSV02, SBB13, SRAL+17, SRBR05, SKW+04, SVS93, SGB+08, SBK08, Sor99, SABP+16, SMA01, SCB+01, SHY+08, SS99b, SKKM20, SBvdL+02, SWGP17, SL+17, SM+06, THJ+17, TZS+01, THZ06, THM+13, TTRP06, TGK+11, TSPH09, TBBM03, TLK+02, TLP+19, TCH+16, VKG93, VALM17, VSS+93, VCRDF99, VM01, VCR02, VCO+15, WH01a, WCJ+11, WW04a, WHNS04, Wd90, WB01, dLWFB08, WBM+10, Wd91, WR01, WR15, WW04b, Wd93, Yal01, YSC+20, YSHS08, YS01, ZV13, ZBV+00, dMGPT+14, vdLBB+02].

Atlantic [EWP+99].

Atlantic [GTB15].

Atmosphere [GSF+19, GSF+20, AGL+19, BPF+03, DWW+02, KD13, KFA+20, Mas01, MW06, NHS+09, RFHL99, SDMS06, WBA03].

Atmospheric-Ocean [GSF+19, GSF+20].

Atmospheric [BA02, GCN+97, KMT20, KWN+09, TP99, WBJ+98, BJB+06, CBBM12, CKH+05, CB09a, DWBP13, DLF+09b, DDL+05, DJCF09, EHL02, HSR+16, Hei02, JDL+22, LRFK99, MAM+02, MCJ+99, Mun07, NW+09, PW05, PNL+19, PMJ20, RW95, SYT+10, SBD05, SZG+13, SLB13a, SUK+06, TNP+19, WBO07, YK16].

atomic [LZS+18].

attached [HBM+07, LW+15, RV11].

attachment [MC07, RCKCK07].

attempt [Gut06].

attending [ACD+17].

Attenuation [CWBP04, RWR08, BTS+08, CGR+96, DO96, SWR+95, SBHS20, SM96a].

attracting [MDSA19].

attributes [HMAW11, MK21, MA90, Zim19].

Atwater [FR10].

augment [NBBBT13].

augmenting [BL06].

August [Ano00k, Ano98k, Ano98], Ano99i, Ano22b, ACG+17, Dun95, GGH98, HKM00, HLL+02, LCK95, PC08, RBP+05].

Austral
JBR+18, KBLA97, KSH+09, KRB95, KHC+09, KMO+10, KFK06, LDH93, LH01, LW+15, LIS+02, LTT+00, MFM+18, PvrR18, RRMM05, RJM+15, SSV02, TR02, VKGP+11, ZLLL+L0, ZHK+05. **Bacterial**
[APR+06, BFL00, DSJ+11, GCB04, HHH+15, JBS+98, LXS+13, LBGW97, MQD06, MBT97, RBA+01, RSF+99, SLLA95, SNW08, TB97, TOS08, YNK07, ADBU18, AZY+16, BN97, BRJ+18, BCN+16, BMFL+08, BGG+09, DKT+01, DC08, DCK01, DDK+00, GKB+18, HRM+06, JHV+18, JMN+15, JS14, KKK+17, KMC05, KNC+09, LLK+09, MNB02, OCL+08, PDT+10, PDT+11b, RSR+19, RGS+97, SBSH99, SIS+02, SGC03, SPPS18, TGRB02, WdEM00, XLL15, YNG+16, ZDA+16, ZSB01. **Bacterioplankton**
[ADm93, DQC95, GVD+07, HZL+12, KHE+11, PJJ99, CDS96, DKQ+93, DSC+01, DCC+01, HKY+16, MPTW11, ORFA+14, XZW+19, ZFA+02.

**Bacterivory** [Wei99, RPAD09, SSV02]. **BAD** [GWP+98b]. **Baeonectes** [MDG13]. **Baffin** [HdVGM02]. **Bahamas** [BBW+15, PP13]. **Bahamian** [YERT13]. **Bahia** [DCH04, ONSSVGR04, SVJRSON04, RAR04]. **Baiona** [BFG+10]. **bait** [KJB+08]. **Baited**
[JSWB21, LDBvB17, LLM+17, CLJ+13]. **Baiyun** [MWS+15]. **Baja**
[MDH04, AMJR19, AHGCM+04, DGR19, ECM+06, RAL04, SMPSG+04]. **Balaena** [GCP18]. **Balaenoptera** [BRG17, ESLW20, LAP+17, MHM+14]. **balance** [AKH+02, AMV+09, BBN94, BMK+13, CW97, FDC+18, HCBP97, HdB+02, LG008, MK08, MBW+08, Qua97, RdGM+09, RJW01, SFR+06, SLB+16, TRF+97]. **balanced** [MMTT+20, SCSTM20]. **balances** [LST+11]. **Balearic** [COS+16, GLCU+17, PRDB+17]. **Baleen**
[DBL+19, ZFP+16, PTS17, RHB+04]. **ballast**
[ALH+01, APLW09, LPW+09]. **ballasting** [ESA+09, EAS+09, ZDBB+07]. **Baltic** [LL14, BSE+16, BKS+16, GKM16, GKB16, OT10, SKH+10a].

**Baltimore** [BWH+17]. **bamboo** [STR+14]. **band** [BCT21, SL11]. **Bank**
[ANO97b, AJP+22, DI10, GASGB+14, HC13, NHH+13, PR05, SkDS+14, GSN+08, LDG94, MDC+10, ADGA01, ABB+01, AG96, BDM+96, BBR+96, BSMS01b, BHC+01, BL04, BD06, BK96b, BGMH01, CRD01, CPF+14, CBF01, CHV09, CBS+01, DVC14, DPS+14, DL01, DC06, FC01, GDE+96, GTTKB14, GNG+22, HLNO96, HF01, IA96, JRJ+22, JKJ+22, JCF+06a, JCF+06b, LC01, LMDW06, LB96, LM96, LCR+96, LM01, LBB+06, LPS14, LLW01, MB96, MS01, MC06, MB01, MPH+22, MLW+01, MTK+14, MO96, MT96, NLHB01, NDE14, NDG96, NPA+22, PWMC01, PT+14, PMG+22, RPJ+06, RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TMTR14, TLW+94, WPLN96, WMS+96, WB96, WBBM01, WBML06, WBI+01, WOU06, Y096]. **Banks** [DKP+14, DPK+14, DMS+10, SMD06]. **BANZARE**
[WMP+11]. **Baranof** [SBK+16]. **Barbara**
[GBG15, KTL+00, MPB+18, OS04, Thu98]. **barcode**
[ABE+11, BOJ+10, JBOH10]. **Barcoding**
[DLB+11, OB10, BHK+10, HNS+11, WBCB06]. **Barents**
[PTP09, PKA95, AI09, CZP+08, CDRA08, DEJ08, DYEJ08, HK08, KBE+04, LSHB09, LD07, MA09, MR08, NVBJ08, ODR+09, PAR+08, RRWR08, WBBM01, WBML06, WBI+01, WOU06, Y096].
Barite-forming [HZMH07].
Barium [JMM+13].
Baroclinic [PN93, AGHS04, KAW+16, LH18, LBB11, SHA04].
Barotropic [AGHS04, KAW+16, SJL05], {barred} [WYL+20], barriers [BHC+17, GGI03, YSC+20].
Barrow [LMM+17, LRDS18, OACA19, PN+19, PPL+19, RLB+18, SP19].
Baseline [MAH+12, CM99b, HRM+18, MPB+18].
Baseline-scale [HAH+01, RRH+06, OGG+20, UPP+07, PFAZL09, SBQ+02, Sot09, Thn98, ZT00, BZ00, ACBV+18, BMD+17, BGS09, CKH+05, CHN+10, DM16a, DC08, DKP+17, EFR+19, Ell93, GKH+07, GBPB+13, GHD+18, HCO5, HBV19, HBGV20, HBGV22, HWJ20, IFFGL+04, iITT+15, KM05, KK05, KM00, LMS09, MGE13, Mar13, PNLS02, PNLS03, SVKT20, SMG+07, WC06a, YHK15, DSW20, ABG+20, AZK+20, AFM93, AHK99, ALT+13, AKHR+20, BW93, BN04, BIH10, Bor01, BCP+15, BLB+15, BRSB16, CHW+12, CB00b, DB05, DH97, DZL+17, DQSF02, EMV09, FSM93, FK01, GBG15, GBO01, GMC+12, HKR01, HZL+12, HFM+02, HO99, JS+17, KNK15, KWA+20, KME18, KKK+17, KTL+00, KHL+01, KVPK20].
Basin [Kos01, KFW01, KH10, KKH+05, KKH+17, LF07, Led93, LWL+16, LKTS01, MWS+15, MBI+10, MA18a, MF93a, MsHD01, MAR+17, MWW+05, MKKF18, MKVT+04, MSBS01, OHU+93, PG97, PR02, PVRA07, RBA+10, RWG93, RSN01, SMB+93, SdS01, SA18, SLM+20, SSI19, SM01, STFW01, TSP+18, TTW+05, TC+18, ULH+21, WDL02, WEB93, Wea93, Wei15, dSSB+01].
Basin-wide [DDL+15, MW05b].
Basins [DLHH11, CRS+19, G16, KMK+20, KMK+20, LVKC17, MS11, PVK+20, SvdLM95, SKKM20, SJA+97, TKP+20, vCHM18, VVMT97].
Barite [HZMH07, PG07].
Barium [JMM+13].
Baroclinic [PN93, AGHS04, KAW+16, LH18, LBB11, SHA04].
Barotropic [AGHS04, KAW+16, SJL05], {barred} [WYL+20], barriers [BHC+17, GGI03, YSC+20].
Barrow [LMM+17, LRDS18, OACA19, PN+19, PPL+19, RLB+18, SP19].
Baseline [MAH+12, CM99b, HRM+18, MPB+18].
Baseline-scale [HAH+01, RRH+06, OGG+20, UPP+07, PFAZL09, SBQ+02, Sot09, Thn98, ZT00, BZ00, ACBV+18, BMD+17, BGS09, CKH+05, CHN+10, DM16a, DC08, DKP+17, EFR+19, Ell93, GKH+07, GBPB+13, GHD+18, HCO5, HBV19, HBGV20, HBGV22, HWJ20, IFFGL+04, iITT+15, KM05, KK05, KM00, LMS09, MGE13, Mar13, PNLS02, PNLS03, SVKT20, SMG+07, WC06a, YHK15, DSW20, ABG+20, AZK+20, AFM93, AHK99, ALT+13, AKHR+20, BW93, BN04, BIH10, Bor01, BCP+15, BLB+15, BRSB16, CHW+12, CB00b, DB05, DH97, DZL+17, DQSF02, EMV09, FSM93, FK01, GBG15, GBO01, GMC+12, HKR01, HZL+12, HFM+02, HO99, JS+17, KNK15, KWA+20, KME18, KKK+17, KTL+00, KHL+01, KVPK20].
Basin [Kos01, KFW01, KH10, KKH+05, KKH+17, LF07, Led93, LWL+16, LKTS01, MWS+15, MBI+10, MA18a, MF93a, MsHD01, MAR+17, MWW+05, MKKF18, MKVT+04, MSBS01, OHU+93, PG97, PR02, PVRA07, RBA+10, RWG93, RSN01, SMB+93, SdS01, SA18, SLM+20, SSI19, SM01, STFW01, TSP+18, TTW+05, TC+18, ULH+21, WDL02, WEB93, Wea93, Wei15, dSSB+01].
Basin-wide [DDL+15, MW05b].
Basins [DLHH11, CRS+19, G16, KMK+20, KMK+20, LVKC17, MS11, PVK+20, SvdLM95, SKKM20, SJA+97, TKP+20, vCHM18, VVMT97].
bathyal-abyssal [Dau18]. Bathycallisoma [LMLJ18]. Bathyconchoecetta [CB18]. Bathylagus [LZL 22]. Bathymetric [MC15, PC98, RE98, RHM13, CSF 12, GJ11, MBMM 99, OBKA17, QSA 09]. Bathymetry [PS03, Bol08, MP94, RCF 08, RKB18, SC10, ZDO19]. bathypelagic [BHS 10, CHN 10, GD07, KSS00a, LTG 09, OGBF08, RSR10, SNS10, YLD09]. BATS [Ano96g, BMK96, CRR01, DGN96, GOP 01, KM96, MHS01, OLG 01, SMA01, SCB+01, SMB03, AL13, HBCO01, HA96, Lip01]. Bay [ARW 04, ADG+08, BLO+17, CHM+17, CCZ+21, CMW+08, CWJ99, CDT11, DDLK06, DTP+05, DWHM06, FJJ+11, FMS08, FS14, GBDM+14, GSF+19, GSF+20, HLR+09, HWTN22, HVBO08, HBO11, JCP+22, KII6, KKD06, KC00, KD00, LBM+17, LPS14, MDTS11a, MMT+20, MBW+08, MLL+22, NKA+11, OC00, PLRV22, PC00, PC18, PEC+04, PKA05, RAC+20, RLP+98, RCF+08, RBS+17b, SRS+20, SHD+14, SFW08, SRC98, SJD+11, SAB+18, CRF04, Cha03, CRP+05, DAKR20, DHCV19, DGP20, DT08, EHB19, EWP+99, EEAA+19, ERB+99, ER05, FGF+14, FCP99, GSP14, GMR+05, GLM04, GSP+20, GTT+02, HdvGHM02, HH+14, HdmR+99, HKFL03]. Bay [HLR 09]. Bayesian [KG20, Pas18, PFAZL09, SVS+20]. be [CHG15, EBG+15, KBB07, OSM+20, AFB+94, CAFK03b, CLGM05, YKS03]. beaches [LMH+18]. beaked [BCT21, RAT+13]. Beam [CGR+96, CWD+10, DBBWH20, DO96, MP94, NCSB+98, SWR+95]. beamforming [MT98]. bearing [AS01a, CC13, LCK+18, NCK+22, OCG+09, PBVC+16]. Beaufort [AGP05, BHMC05, BBH05, CMV+20, EGG+05, FNS20, Gra09, HCS05, LGC+12, LPM+19, LFC16, OCP18, PMS05, PF+15, DB05, GBM+17, LRDS18, MMS10, SFH+18, WDM+05, WCC05]. Béchervaise [NCR+08].
bed [HvH04, LB14, Zim09]. Bednarsek [PTMH16]. beds
[BBS+20, KBFH14]. Before [Joy16, JR04, ULTL16]. Behavior
[ANI09, RZL+10, BCF+04, BHBC08, CHPF10, CW97, CP05, DFMW13,
EWG94, NSBL94, PP13, RSCFT+13, RSCFT+16, RQNO04, RG06a, RG06b,
SMA+17, TLW+94, TT17, VF08, WAN+15, ZWQ+19, ZD04]. Behavioral
[PCL,22, SM12, SFMG13, MT98]. Behaviors
[KPML,20, NOT+09, TMH+08, TNS+09]. behaviour
[ATM+07, BCF+07, BFDB17, BGOL,01, CRS+19, CW15, ELP13, EPHE18,
GMD07, GSPT13, GJ98, HAGW+13, KKM+10, KYS94, KBR18, MTBM97,
PBD+02, RAR04, RTC+07, RCKCK07, TCEW07, UGSK+20, WH01a,
WMB+08, WLR+00, YKN07]. Behavioural
[MCB+15, WHLR13]. behaviours
[FKW01]. behind
[ADBW16, APP+14, BW99b, HSM11, LGML00, SvdMC+16, SHM+11].
benefit
[WTT+20]. Bengal [Ake19, EHB19, GSF+19, GSF+20, AML+19,
AVS+20, BSMV03, BPF+03, BS21, BMV+19, Cha03, CRP+05, DAKR20,
DGP20, GMR+05, GSF+20, HSF03, HCM19, IKU03, JLM20,
JKMR19, JMW+20, KWF+19, KSB+03, KVL+19, KDSR19, MGR+03a,
MDSA19, MSB+03, NSKG96, PLRV22, PS20, PS19, PWJF20, PFW+20,
PP20, PSWF19, RAC+20, RSM09, SSSN19, SP19a, SHBH03, SSSC19,
SGJ+20, SMT03, SAB+07, UIS+03, VTS+20, WTJ+19, Yu03]. Benguela
[GBP00, RG03, SGD+14a, SCGDU09]. Bentart [Can06]. Benthic
[AA02, BGB08, BG94, BN04, BJS14, CR06, Can06, CRA08, CL09,
DBB+97, DBC+14, EWP+99, Har11, HBT+08, IB010, KCZ+19, KGB16,
KRHS20, MBF+10, MS09, MFG+04, Pfa93, PHK+14, QSA+09, RWG93,
SCMA01, VSR+10, vWDB+01, AKI+16, BGS08, BS98, BB98, BAD+97,
BW99a, Bla94, BM09, BBR+18, BFM+14, BGP00, BEZ+22, BVB14a,
BD+04, BVV+14b, BW14, BFS+17, CMP14, CB18, CBW01, CBS+01,
CRM+16, CSG+13, CG04, CKB+07, DGN+17, DC08, DCR94, DFA+20,
DGS+05, DGT14, FHT+14, Gag04, GMR+09, GCGC13, GSBL98, GGT+02,
GRSW00, GMH02, GSB+03, GO02, HDR08, HDR+11, HT17, HSF+01,
HZ00, HSM+01a, Hi94, HRM+18, HWS+13, HSC+07, JBD+09, KPML20,
KCTG16, KBK13, KYC+16, KMA+18, KSS+00b, LEP14, LWM+09,
LBE06, LCT+07b, LRDS18, LT03, LWG00, <L09, MMS+16, MC18a,
MSD+18, MGK19]. benthic
[MS90, MGK+17, MKH+05, MR08, MB08, NCS+98, PDK+14, PHS17a, PSK00a, PGPP+13, PBO+11, MDS+08,
RA+01, RDGM+09, RMG+08, RSON1, RLG07, RPZ+14, SSSN19, SCD14,
SNPS01, SS09, SKdS+14, SBD+97, SHM+20, SHM+01, SLZ+16, SSR+14,
SP06, SBS+08, SNK07, TDCV+06, WHF+19, WWC+19, WACGH11, Wil08,
WGMC14, WTA+18, WP00, WSB+09, WZB+14, XSM+19, Sor99. **benthic-pelagic** [CBS+01]. **benthal** [CA06b, DBBWH20, SMD06]. **benthico-pelagic** [CA06b, DBBWH20, SMD06]. **Benthocometes** [GPCC+17]. **benthopelagic** [CM00, CMH09, PCP+17]. **Benthos** [BHMK08, RK08, SJ+11, CA06b, CLGM05, DSD12, JMM+13, MBP+20, SL94, GG02]. **Benthosema** [WL20]. **berglax** [PK08]. **Bering**

[CSE+22, CCL+14, CCS+16, CHH+21, CBSS02, DTWF17, DZKP16, ENM+16, GCGG13, HCAK17, KIKA19, LS12, Lin16, LMC+12, MG22, MISS08, MSZM08, RD02, SSK+16, SSDA13, SH02, SDK+16, SWSL14, SWG14, VBM17, WB13, ZFP+16, AM22b, ATJ05, ASF+16, ATN+12, AKI+16, AM07, BDR16, BH14, BZ20, BMK+13, BLO02, BZ+22, BZMC20, BWC+02, BOKA16, CHW+12, CAS+16, CG07, CP22, CDRB16, CMC+05, COK16, CKS05, CLPL+09, CJF+12, CSG+13, CGG+19, CPI02, CBK+07, CKB+07, CPEN08, CMB12, CML+14, DF16, DEL+17, DAA+20, DSD12, DSHA+14, DC12, DABF+16, ENM+14, EII+16, EZB+20, ESWL20, ESMD13, ELG+22, FB13, FHA16, FMC+20, FJR+20, FWZM12, FZW+13, FAMY20, GEP+16, GdRGH+14, GGCC19, GM22, GLSK+17, GBC+05, HPS+13, HPL+12, HSI13, HSFN13, HSHM02, HGB+13, HGB+16, HFC+21, HH02, HBC+12, HHS+13]. **Bering**

[HSW+02, HBJ02, HSSN08, HRK14, HRG+16, HBB+13, HON+13, HUS16, IS07, IITT12, IOTS16, IKR+12, ITK+16, JHHK14, KHS+02, KT05, KBMI13, KAHS20, KKT16, KAM+20, KMO09, KIM08, KLM13, KL2D21, KRLH14, KL20, LAD14, LGC+12, LZZ+16, LBM+20, LS14b, LSM16, MHO02, Mac08, MMY+20, MCM+14, MA09, MDH16, MGC+14, MLK+12, MCL+12, MHG+17, NAT+12, NBB+02, NHCL14, NCK+22, NSY20, NYH+20, NBCT13, NBBT13, NTZ07, OHT12, OYM+13, OM16, OTNT05, OTA+05, OCS04, OS02, OT12, OAH+16, OBA02, OWW+12, PHH+16, PSFH+13, PSUH+16, PBVC+16, PCH+12, PC08, PSS+16, PAUB19, PAU16, RS02, RDW+12, RTI+16, RBO07, RRK+20, SMZ+08, SMB16, SA18, SSR13, SHM13, SZH20, SKR+12, SSE+14, SNS+16, SMB+17, SS02, SDAH+12, SHR02, SKSW02, SBS07, SFK+12, SKM+12, SBB+19, SGM+14, SL12, SPM14, SF08]. **Bering**

[SKM+14b, SML02, SAB08, Tk05, TRO16, TT05, TSOT16, TFKP07, TIS+13, TTA+16, UKM16, UKJ+20, VNA+16, VCDAL14, WOS12, WB1+17, WOD+16, WWV12, WNN+22, WCSS07, YCA+20, ZAR+16, ZWM12]. **beringiensis** [AM22a]. **Bermuda**

[ANO96g, BKM96, CRR01, DGN96, MK96, SCB+01, ANL13, CFJL96, CRR01, DZY+01, DOC01, GOP+01, HTD00, HT01, HCCL13, KM96, MHS01, OLG+01, RAL+01, SWO+01, SKM01, SMA01, SM03]. **beta** [Car07]. **Betamorpha** [RMBW07]. **between**

[ATM+07, ANO97b, AN05d, AGP05, ASF+12, BPD+11, BL99, BCBF03, BSM05, BRW00, BKD06, BWAS02, BHSJ16, BGK06, BKS+10, BHS+10, CFRG07, CFP+14, CFL+99, CMT93, CD20, CJF+12, CSG+13, CBK+07, CM01, CBA+20, DMFB19, DEL+17, DSN+10, DONF08, DMW+07, DJR+01, DJC+14, EQW+13, FUGG+09, GLCU+17, GSC+19, GSGS01, HBB+14,
HHMF11, HV98, HSFN13, HGK+18, HCG+09, HSC+19, HWCT11, HD02, JCP05, JRG+22, JML08, KNK15, KDU+10, KHGL+02, KFS+10, KSM+11, LVJC17, LPZ+04, LR97, LMG93, LG98, LW15, LZC+16, LW10, LGVK+14, LZZ+16, LTH05, MDJS11, MG5+10, MKB+10, MBS05, MCS+09, MST+14, NRS14, NDG96, OCT+19, PBM07, PK00a, PNM+94, PRM+17, RWJ06, RPM07, RW95, RBH+05, RNBO7, SWR+95, SCGD09, SLT+11, SFR+06, SRC98, SL+09, SH16, SDMS06, SCH+19b, SCH+19a, Szs+07.

between [SLB+15, JMI+19, TDveD+10, UPS04, VRL+02, WMS+96, WCL+15b, YD09, YK05, ZJFV15, ZGGF22, ZSB01, vdLBB+02, vdMLB+11].

Beyond [GAHD+17, Phi17, HD17]. bias [WCJ+11]. biases [LWS21].

Bibliography [EG96]. biennial [MV19]. Bifurcation [PUB+06]. bigeye [DKP+17]. bigger [MCH+13]. Bight

Beg18, BWH+17, KFF+94, PvRR18, WAP+18, ARCO2, AFS+94, ARK+94, BB94, BPM18, BA94, Bis94, BPD+15, BY04, CZVR02, CP03, DOBH02, DTB+02, DSr+18, EMEP18, EPHE18, FWS94, FHP94, FPW02, FKS18, FPG18, HRM+18, HFP94, LSUB94, MBG18, OGRdO18, Pas18, PHE+18, RTFB09, SF+94, VCR02, Wal94a, WM+18, Wir94, vRP+18].


Bimodal

BBB13, GLB+08, Sei13. Bio

[Ano07c, BRP02, FCG18, Fig02, FWM+11, HBM+07, KGB06, MA+04, MA+05, Pon07, PVT+21, RTM+20, SWO+01, dCHdO+18, AL98, ARLBO0, ANS+11, BBLS14, DMS+08, DK+08, ELP13, HWS+98a, IHSS+10, JBB+13, KMD+99, KFS+17, KBE+04, LB+08, MFH04, NTK+09, PTA+99, SSI+99, SCM+08, WMC06, WTSP07, MPS+21, PR+20b]. bio-

[LBv+08]. Bio-Argo [PVT+21, MPS+21, PR+20b]. bio-availability

[NTK+09]. biostatistics [KFS+17]. bio-loggers [JBB+13]. Bio-logging

[Ano07c, HBM+07, Pon07, ELP13]. Bio-optical

[BRP02, FCG18, Fig02, FWM+11, KGB06, MA+04, MA+05, SWO+01, AL98, ARLBO0, DMS+08, DK+08, IHSS+10, KMD+99, KBE+04, MFH04, PTA+99, SSI+99, SCM+08, WTSP07]. bio-optics [BBLS14, HWS+98a].

Bio-physical

[RTM+20, dCHdO+18, ANS+11, WMC06]. Bioaccumulation [BIP+02, KSDE16]. Bioactive [BLO+17, NEN+07]. Bioavailability

[GWZ16, DB05, NKF+10]. bioavailable [Rai11].

Biochemical

[ABC+04, BHS+10, CJK+16, CKL03, DM16a, FLLG04, HJS+09, JKP+17, KJL+17, Ms08, PVK+20]. Biocomplexity

[NLI]. biodegradability [BS10]. Biodegradation

[SKD+16, LAPL+16]. Biodiversity

[ABC+17, CPA+11, DCH04, GLMB18, GB+11, LGBC06, MB13, MCB18, MDC+10, NG01, SLdB+15, ALSF+17, BDG+04, BBB+07, BE09, BEB11, BM15, CHS17, EMG+15, EAB+20, GCKC07, GDC11, LGM17, LdSN+18, Lu09, MWF+19, NG07, OFV09, OPD11, PGZ+09, RE98, RKB18, Rg00, SGB14, SO98, SV09, Sig17, SLM98, TDCV+06]. Bioenergetic

[MBC+09b]. bioenergetics [DSBS20, KUKY10]. bioerosion

[BFT10]. biofilms [BGCH20, OGG+15]. Biogenic
Biogeochemistry

Biogeography

Biological

Biological-physical

Biological/oceanographic

Biography

Biological
Biology
[BKPA06, CG15, DCA+98, GGTMG+10, GGRJD+10, MBD+17, PDH+11, Urb20, CHS17, FARLR+13, GTSC08, HSHT19, KP10, LH08, MT11, NB10, Phi17, QRE+17, ROS+17, SCB+01, TPW07, VAM97, WYL+20]. Bioluminescence [MBC+09a, HIK+08]. bioluminescent [GDD+09]. biomagnification [FHT+14, FTT+17]. Biomarker
[LLH+15, BNP+09, PDS00, SHS+12, WPHL02]. Biomarker-derived
[LLH+15]. biomass [BGG+09, FBBW+10, SNIT02, WHL+97, WLP+09, YBM05]. Biomass
[GLLC04, HWN+04, HKY+16, KRB95, LDHI93, MSK+06, NMC+07, RHB+04, TLSY11, VALM17, WDKC00, Ake19, ACBMQ08, AGAB19, ALR+14, ASFI02, BMHR08, BPD+11, BSK+97, Bec97, BWS+98, BGD08, BDL+14, BSSK+08, BL00, BH97, BSL08b, BFS+17, BL01b, CTBNL08, CSW+17, CLSS15, CAC+07, CJF+12, CBK+07, CPEN08, CBA+05, DLLK15, DLR11, Dem04, DC08, DCM+99, DB97a, DKI+00, ESK06, EGL+16, FLLGR04, FMS08, FPB04, FC09, GVW+19, GCC19, GS08, GFS99, Gra09, HAH+01, HH01, HZL+12, HKN+04, HHHK+04, HP08, HSZS17, KFG+03, KMDW01, KLM+02, KMK+20, KWW04, KWW+12, KSM+11, KSS+00b, LB07, LAMS+01, LDS+08, LHD+22, LJHAA19, LWSA08, LWAS08, MP204, MC05, MHH01, MHS01, MC09, MBBM+99, MKG19, MNSMN+04, MAT+12, MNV+20, MPTW11, NMA+20, OHK+02, PF02, PAVGB02, Pee07, PHH+06, PRM05, RWN+08, SCD14, SOS01, SBSH99, SBP13, SMH00, SDKH03, SMS+08, SWSL14, SNW08, SPH+08, TOSH08, TSW+12, TLSW15, TRB98, UKM16, VSGM03a, VSGM03b, VGBGPA02, VFS02, VSS+93, WSE+16, WMW+20, WZW+95, WJD+00a, WJD+00b, WGG98, Yal01, YCA+20, YBC+17, ZJH08, ZSKL19, ZWJ+19, ZXL10, vC97]. biomes [SDB+18]. Biomimetic
[AWL+09]. Biomimetics [ILWH03]. BioOptics
[SWO+01]. Biophysical
[GWR93, SRW+10, YSC+20, HHD+09, HGB+13, HGB+16, HCG+09, JRG+22, Rai14, SS05a, SS05b, SHB14, SCH+19b, SCH+19a]. Biopolymer
[TGRB02]. Bioproductivity
[MT15]. Bioregionalization
[FKS18]. Bioregionalization
[HSLR+22]. bioregion [WAV+12]. Biosonar
[RAT+13]. biosphere [LWWF18]. biostratigraphy
[Hus16, IOT+16, OSHB07, TSOT+16]. biota
[GFS99, HTPM14, HFD+01, MS18, PSK00a, PFG+03, SRB+11]. biotag
[BKST13]. biotic
[JB01, MPB+18]. biotopes
[DHS+14, MG22]. BIOTRANS
[Pfa93]. Bioturbation
[GAC+02, MMWM00, SKM14a, STTW01, TWG00, CAC+97, DCR94, ESDM13, GSW99, MDT08, PDS99, SBB+98, SLH+00, YCT+22]. biovolume
[CLB13, ZSZ+19]. biramosa
[Gol18]. bird
[CRI18, JVDH08, KRW03, ZPG14]. birds
[CTH+98, GSK96, HDJP05, MK19, SBA18, YSBH06]. Birstein
[Mal15]. birsteinia
[BPKJ15, GMB18]. Biscay
[CMP14, CWJ99, FGF+14, GBDM+14, LPS14, Sor99, AGGdC14, BH99a,
CFR+14, CFL+99, EWP+99, EEAA+19, ERB+99, FCP99, FS14, GSP14, GLM04, HHF+14, HdMR+99, JWCC99, LUV99, LFPC14, LAB+17, PLA+17, Pin93, PGS14, RH99, SHD+14, SGI+19, SWDB+14, SE14, VLP+17, WC01b, WC01a, dLC+14, dMCNC99, vdBGM+17]. Bivalve
[Kam18, BBS+20, GGC19, MGK19, TMBTS09]. bivalves
[BLM+10, BSW+13, CMVS+10, GGC-M17, Kam13, Kam15, KCD+17, Lin04, SW09, YBC+17]. Bivalvia [SGB14, BBAL+20, KKVP15, LVJC17, vCO09]. biweekly [RSSM19]. Black [CBBM12, HM06, KBE+04, MCK+19, CCM+20, EWF+18, HZWW16, KFTE14, LA+14, RVC+13a, ROS+17, VM13, WSP19, ÇYFB+06, ÇYAYT06, ESK06, GLK+06a, GLK+06b, KFK06, KMLT06, KOR06, MQD06, Mur06, OEO6, PO17, RTC06, UFAK06, Uys06, WPPY06, YCD+06, YET06, YCYTB06]. black-footed [WSP19]. black-legged [VM13]. Blake [S99a, WMB]. Blanes [AFC+17]. bleaching [SYK+13]. Bligh [NH+13]. block [FR10, MP94]. Blocking [SWO10]. Blood [Sei13]. Bloom [DM93, GG93, LDF+93, PSLS07, ARLB00, AKM+05, AS95, BBS14, BEG04, BMGF93, BCDV02, BFG+10, BM07, BFK+14, BLO1b, BNFS10, BAR+02, CTBNL08, CGM+07, CCS+16, CKJ+16, CFL+16, CCH95, DD95, DGT04, DH93, DQ+93, DCC+01, FD01, FS02, FBCP01, GWR93, HBSL01, HOD+09, HH93, HKY+16, IGN+10, IHSS+10, IPH+17, JCF+06a, JCF+06b, JBM+08, KAHS20, KY10a, KY10b, KUN10, KIN+10, KMO+10, KS10, LS14a, LMG93, LDH93, LL95, LYN+13, LDGH16, LHJ13, LXS+13, LSS+07, MSF+22, MH93, MFG+93, MLH14, MMT08, MSH+07, MHP+07, MZR+95, MTT07, MKS+02, NKF+10, NSY04, NRS14, NKB95, NED09, OM14, OCL+08, OEO6, OHS10, OT10, OSE2, ORFA+14, PSA14, PA95, PVRA07, RRW+02, RMC+93, RWZ+02, RPM+17, STN+06, SLS+07, SVC+08, SF10, SVS93, SSLA95, SLT+14, SPB+14, SMGB02, SMGB03, SF16, SDLZ13, SKH+10a, TS93]. bloom
[TFR+10, TSN+06, VPA+20, VKGP+11, VPP07, VSS+93, WCH+93, WGR+95, WABW02, WLD+06, WTT02, WH+16, WYN14, YOK+10, YOO+10, YK04, YOV+09, ZZX+13, vDLBB+02, BFF+10, KCA05, RFB97]. bloom-forming [SKH+10a]. bloom-recurrent [BFG+10]. Blooms
[An05a, KCA05, Amd+12, AGR95, AKK+14, APP+14, BLB+02, CMBPM04, DLG+14, DRD06, DVS+97, DPS+14, DTP+05, GAL+12, GAL+20, HK08, HKO+17, JLR+13, LLK05, LvDA14, LPM+15, LG15, MPS+21, MTK+14, OS04, PTD+14, PGS14, PSAY20, RBMY14, SAVP12, SSE+14, SMSA05, SNWO8, SBH+01, SFW+13, SFZ+13, TSZT13, TAL+12, TPT05, TMTR14, TB05, TDKA05, YNG+16, ZAC+15, ZZZ+16, ZHX+13]. blowout
[HSB+16, Joy16, JBO+16, LAPL+16, WPB+16, YNG+16]. blubber [FPHH+09]. Blue [BCB+18, FRH+98, BRG17, BOH+04, ECM+06, MGJ+18, SHW+04, SH11b, TSSR20]. Bluefin
[KHT+20, BFDB17, EMEP18, EPHE18, GLCU+17, HHMF11, IABR+17, KOT+20, NDD+14, PHE+18, RSB+17]. bluntnose [CW15]. BNL [BSP00]. Board [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e,
DB16, BM15, HZK⁺05, Ano93a, Ano94a, Ano95a, Ano96c, Ano97a, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano20k, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g, Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m]. Bodega [DDLK06, DWHM06, KL06, KKD06]. Bodies [Bro19]. Body [BZMC20, LBE06, MCBC08, DKP⁺14, GEP⁺16, RE98, VM13]. Bohai [NLS⁺10]. boiling [BAC⁺02]. boiling-water [BAC⁺02]. bomb [DTB⁺02, KMS⁺02]. bombs [KCTG16]. Bone [ALSF⁺17, ACD⁺17]. Bone-eating [ALSF⁺17]. bones [QRE⁺17]. boobies [YKN07]. Borderland [HZMH07, WCK⁺18, HHH⁺15]. boreal [DSW20, PFPJ⁺09]. borealis [AI09, MHM⁺14, NA09]. Boreogadus [CSS⁺22b, DTWF17, HTPM14, HCAK17, ORD⁺09]. Börje [EG96]. Bornholm [BRSB16]. Boston [MS09]. both [HHKH⁺04]. bottle [LLB⁺00, LCL⁺09, SGP⁺11, TRM⁺15, ZOB⁺96]. bottles [GRC⁺03, SHF⁺95]. Bottom [ACSG15, DGN⁺17, GZGH22, GMS⁺02, LB93, NGS⁺15, PHOM09, PG97, SFW⁺13, ABS⁺14, BN05, BRSB16, CBCT09, CIMT19, CMH⁺20, DPK⁺14, DBDT03, DYL⁺19, EGB⁺11, EWP⁺99, ELG⁺22, GBG15, HB03, HLS⁺06, HTM⁺03, HHR⁺08, IMP⁺02, KM98, KL13, LNJ⁺00, Led93, LWOC05, LSN06, LAT⁺18, MPV⁺11, MISC⁺02, MCM⁺14, MAK⁺16, MDT08, MKH⁺03, NC97, PR05, RVD⁺10, SHA02, SKGD14, SMS20, SS99a, SL12, TWL⁺15, TIS⁺13, WCB98, ZWM12, ZDA⁺16, KNK15]. bottom-current [Led93]. bottom-following [PR05]. Bottom-up [NGS⁺15, SFW⁺13]. bottom-water [HHR⁺08, LAT⁺18]. bottom-waters [LSM96]. bottoms [DCH04]. Bougainvillidae [SC15]. bound [CSS⁺02, MP99, MGC⁺14]. boundaries [BM17, CCM15, JCP17, MHC⁺10]. Boundary [Car01, CK03, JDBP⁺05, KHGL⁺02, LOA13, MS06b, MJG⁺13, PLRV22, RMBG11, RFQ99, RMK⁺14, Sor99, SHKW05, TCJ⁺11, AFB⁺94, BGS98, BS98, BB98, BVB⁺14b, CBV01, DDL06, DJCF09, EWG94, FKS18, JDL⁺22, KFJ⁺05, LS04, LYL22, LBB11, MMS⁺16, MRC05, NPF⁺09, NZT97, OKY⁺17, Ou05, PSK⁺06b, PC98, RRL⁺14, RF99, SS09, SHFM01, SHM⁺20, SS99a, SM01, Wir94]. boundary-layer [DDL06, KFJ⁺05]. Bowers [OTN16, SKS⁺16, WOM⁺16]. bowhead [COQ⁺18, DCF⁺18, MSM10, OCP18, SCGB18]. box [CWJ99, FB15, PCDM11, LRM⁺02, VLR⁺02]. BP [HSB⁺16, RTI⁺16]. Br [GAC⁺02]. Brachycephalum [BKPA06]. Brachyura [VAM97]. Brahmaputra [CRP⁺05]. Branchiopoda [dLC⁺14]. brandtae [MGE13]. Bransfield [BIP⁺02, BTP⁺18, Fig02, GCR⁺02, LAF⁺02, MISC⁺02, PIP⁺02, RVZ02, VFS02, ARR02, BCDV02, CR06, DASC02, GGPL02, LHKKH10, ME02, vCHM18]. Brazil
Bridging [KR07]. break [BMO93, CPM+18, DFF02, LPSS03, SD08, TZ09]. brine [ABG+20, GDL22, WJS+10]. brines [CRS+19]. Bringing [SCQ+09].


bubbling [TCG+18]. bubbly [GK04]. budegassa [LA+14]. budget [ARK+94, AL13, CMG+12, CMT93, CL+14, DeM02, EQW03, FC18, FWR+02, JCD+03, JB+08, JWCC99, KMLT06, LTS+97, MQ01, RCL+09, RH99, SAM96, VGF05, WMR+17]. budgets [BAD+97, BHS+10, DRS10, KLKB95, LLLP+03, MC13, NAB+02, OMY+03, RJWD01, SJM02, TWN+06, ZQ97]. buffer [FHR+11]. build [DDB+17, DSE+14]. build-up [DDB+17, DSE+14]. building [GILL+14, PSB14]. Bulk [CCH95]. bungii [KTS07]. Buoy [DDL06, AGG+14, KK06, NMM+09]. buoyancy [BY90]. buoyant [Gou05, Ou05]. buoys [Gri99, LMC+17]. burden [DKP+14]. burdens [SW08]. burial [ASBM02, Cra97, DTB+02, IMP+02, KBV+97, SCA01].

buried [SSAF02]. Burnard [Ano18]. Bussol [BAF+18]. bycatch [LS17, YLG+18]. Bythitidae [MGN+18].
calanoid [CHG20, CHSVB+19, GO10, LLW01, RFF+02, SSMM+08].
Calanoida [BG10, CSS+10, UFAK06]. Calanoides [HJZL94, PTWM12].
Calanus [BM07, BMK09, BK96b, CRD01, CPH01, CM01, GGDF08, HK07, LMDW06, MO96, NLY+13, PTS01, PCAS05, RPJ+06, SD06b, ST07, SFPH+08, SMG+07, UFAK06, YQMB20]. calcarea [GGC19]. Calcareous
[FSG02, HTD00, ID19, RJT11, BRPH20, TTA+16]. Calcification
[BK96a, BDF00, BDBB07, PABH07]. calcite [MS06a, RH07]. calcium
[JFM+17, TCH+16, Zon07]. CalCOFI [BCW03, ROPB03, Reb03].
calculated [AKH+02]. Calculation [YZ00, LBM98]. calculations
[BHS+10]. caldera [GBS+03, BTC13]. calibrated [HA96, KGKS20].
calibration [HJS+10, SFV+01, SBR+97, YZ00]. California
[BL03, BPD+15, CC00, CP03, DDL06, DI 03, DCH04, DLPK14, ECM+06, HLR+09, PO15, RBP+05, SVJRS04, TLSW15, VLK06, AL98, AMJRD19, AHGCNM+04, AST+05, BPS00, BPC05, BV98, BB98, BMOW09, BCW03, BLH05, BT03, CTW+15, CA06a, CLF+09, CFZ+18, CDG00, CMR+18, CHN+18, CPM+18, CRG+09, CPC+03, CMRI13, CCM15, CRM18, CPW+18, CMJ+18, DD15a, DD15b, DLLK15, DHW98, DGR19, DDLK06, DWHM06, DC19, FRH+98, FEB+13, GMCR18, GO15, GOGBB18, GMP04, HS98, HV98, HZM07, dTGCAB+03, HGB04, HK+98, HV03, JR15, KMLC+04, KKMS012, KLM+15, KGK20, KL06, KK06, KD00, KFC04, KGB06, LDR+06, LO33, LJHAA19, MDB08, MML06, MC18a, MBLM03, MNSMN+04, NOLAS04, NR00, NCSB+98, OC00, PBS06, PUP+07, PC00, PC18, PK03, PLPS08, ROPB03]. California
[Reb03, RMB05, RB06, RA04, RSC+09, SVAGRC04, SLS17, SSL98, SBB06, SM03, SPS04+04, Sot09, SJ00, SB05, SN00, STS+15, TB09, TB98, THS98, TCEW07, TMC04, TdFAL19, TAB+05, WCD+09, WDK00, WCK+18, YSBH06, YLG+18, ZT00]. Callao [DOLP+09]. Callorhinus
[CRJ+08]. calls [SHW+04]. calm [MPV+11]. Calocarides [Mar18]. Caloric
[WGMC14, YBC+17]. calorie [HON+13]. calorie-sheds [HON+13].
Camaral [BAC+02]. Cambrian [Cha07]. camera [BBB+13, BEM+15, CLJ+13, EFR+16, JSWB21, KCTG16, KJB+08, NCSB+98]. campaign
[DJCF09, KFA+20, VJP+10]. Campeche [BSL08b]. Campos [PFAZL09].
Can
[CHG15, DWG+15, DZL+17, LLW01, OSM+20, BvGH+17, EBG+15, KBB07].
Canada [BJH99, HZL+12, RSR+00, BIH10, BCP+15, BLB+15, CHW+12, DB05, DPK+14, DPK+14, DTJ+14, DCS+18, GMC+12, HBCG14, JMM+13, KH10, MBI+10, MPH+05, MLH14, MBD+17, MSG+00, NDE14, PDK+14, RSRL00, SJA+97, TLKT00, YHK15].
Canadian
[AN014, Har06, NLDJ14, SSM+00, SE95]. Canaries [TAB+02]. Canary
[LRM+02, PNLS03, VLR+02, AMN+02a, DNH+02, HFM+02, HGMA+02, JRGL+19, KHGL+02, MFF+02, PNLS02, PNLF02, PLML+02, SBH+02, ZLOR02]. CANIGO
[PNLS02, PNLF02, PNLS03, BWAS02, LDV+02, TPGCCS+02].
Cantabrian [GASG+14, GBDM+14, SGPD+14, LPS14]. cantelli [CAK15].
Canyon [BSL08b, CWJ99, GPMs+16, GBDM+14, GdSP11, LPS14, MBM+99, MTM+13, NBK+18, PNL+19, PCF+18, SGPD+14, SW08, UTL+16, vOSG+11, DVS+14, HBCG14, HD14, KCM+14, KSB+03, MKKB14, MPV+11, MPPR14, MSB+03, MMSS14, OPV11, RGS+15, SGB14, Thu06, VD98, AFC+17, BJS+14, BVG+06, DJC+14, EWP+99, FBP+17, FS14, GSW99, GSdS+14, HAC+14, JMM+13, LUV99, LMM+17, LRDS18, MS09, MHDs+11, dJMTGG11, OACA19, PPT+10, PG+15, PPL+19, PPM02, RCL+09, RL+18a, RSR+10, SHD+14, SP19b, SR08b, Sor99, WC07a].
Canyons [BWH+17, BR14, CPA+11, DHS+14, DLKP14, FPB+14, HBCG14, IBK+11, KBI+11, LSA14, MT11, MM14, MTMH11, MSK+19, OBC+14, PGC+11, SDGH14, WG+19, dSJB+11, vdBGM+17]. Cap [CWJ99, DJC+14, EWP+99, GSW99, LUV99, MBMM+99, SHD+14, Sor99].
Cap-Ferret [CWJ99, DJC+14, EWP+99, GSW99, LUV99, MBMM+99, SHD+14, Sor99].
Capacity [SH02, HSH+13, SRFR07, ZSKL19]. Capbreton [BSJH14, FS14].
Cape [WC07a, AAG02, ASBM02, BPS00, BH94, BD94, Bha94, BLS+03, CLT94, CDL94, DCR+94, GZH22, GAC+02, Hec94, JDBP+05, LF07, LRV+02, MDC+10, MBB+02, MP94, RLVF02, RH94, SGD+14a, SSV02, TBA+02, Wal94b, vGT+00]. Capel [DLHH11]. Capel-Faust [DLHH11].
capelin [ASF+16, LSHB09, LSWH07, MHTZ19, ODR+09]. Capsular [LZS+18]. captured [LWB+07, ZSLL15]. captured [FCBD08, PWJF20, SRS+20].
carangid [STS11]. carbohydrate [HIP+96, ZA16].
carbohydrates [MZR+95].
Carbon [AZK+20, ARK+94, AT10, Ano08, BRG+19, BLS+97, ÇAY+06, CML+09, JLT+11, LSUB94, LLB+00, LFM02, LKJ+15, LKH+07, MTE+02, MYE+02, RJWD01, RFB97, SCGDU09, Sch02a, SSH+11, SSS+11, VBM97, WCB08, WTL+06, WCWW99, vGTG+00, AML01, AAG02, ASBM02, ÁRR02, ACH02, AE02, AKH+02, Ano96g, ATS+96, ALH+01, BCH+96, BDB97, BWL01, BNM+07, BPD+11, BBL+13, BMK96, BH05, BMD+17, BDW+98, Bau02, BL+10, BBP+94, BFM+14, BAH+95, BBA+98, BBA+01, BHS+10, CTBN08, CD95, CHN+10, CZP+08, CAGL13, CCP+18, CMB+97, CEG+11, CSGC03a, CM99a, CM99b, CSGC03b, CCW+08, CB90a, CMW+05, COJ+09, CMT93, CBW01, Cra97, CMB12, CML+14, CMRL11, DURP03, DZBR95, Dan95, DP07, DPLB94, DCA09, DJS+08, DRR17, DJR+01, DLF+09b, DÁSCP02, DGB+98, DKQ+93, EWBB99, EWP+99, ETD+11, FdBG11, FRW00, FGW02, FCA04]. carbon [FCAD04, FPB04, FC07, GWZ16, GCS+12, GGRW99, GRS00, GRC+03, GMR+05, GdRLS04, GCB04, GOP+01, GNHS05, HBSL01, HCBP07, HP98, HC01, HMGD17, HHH01, HMC09, HBC01, HCRX16, HZWW16, HNRGL06, HDW+20, HWC07, IHI+97, IMP+02, JDS+08, JDD+11, JBV+12, JHS+17, JBM+08, KGKS20, KLL03, KH02, Kem94, KFF+94, KR95, KCD+17, KHL+16, Kl09, KSS+08, KSS00a, KWW+12, LRGH+05, LQF+02, LMB+98, LJL+17, LDWK96, LIW15, LDFS93, LS07, MBW+03,
carbon [WWR +02, RRWR +08, RvAH +10, RJDR +06, RPF +01, RIHGS +00, RW +95, RPM +17, RPF +16, RWN +08, RSR +00, RBH +20, SMY +98, SLS +07, SCD +02, SdS +01, SVR +00, SMCA +01, SH +99c, SFW +08, SBHS +20, SRFR +07, SGC +03, SSM +00, SDCH +95, SSLA +95, SMD +08, SLZ +16, SS +01, Sot +09, SVS +20, SWGP +17, SLB +16, SUL +06, SUK +06, SP +06, SHC +00, SSH +00, SCM +09, TTL +06, TBA +02, Tvl +00, TTTCD +14, TP +02b, TP +02a, TLK +00, TA +01, TDC +08, TBB +08, TMW +05, TNI +02, VBF +02, VS +99, VSR +00, VCR +02, WKM +07a, WFA +95, WWH +97, WCS +16, WP +00, WCO +1b, WWC +99, WC +02, WWO +02, WAC +09, WDC +15, YC + YTK +06, YOI +09, YHL +12, ZHD +08, ZD +97, ZQ +97, ZX +12, ZCG +12, ZWQ +19, ZWL +22, ZDB +07, Zon +07, dChd +OF +18, vOSG +11, vWDB +01, vdLBB +02]. carbon-nitrogen [MFG +93]. carbon-rich [KCD +17]. carbon-to-chlorophyll-a [CSGC +03a]. Carbonate [GW +15, GNH +05, KOLA +18, KGCd +18, MYL +98, vdLEM +14, ASS +02, ACVB +18, CYB +18, CB +97, CMB +02, EFR +19, GBP +00, GPB +07, GTB +15, JFM +17, LBM +17, LAGK +18, LMF +21, LS +07, NEO +05, NRS +17, RHL +16, STD +20, SBH +02, THJ +17, Twl +15, TWC +07, TCH +16, WKM +07a, YZ +00, ZHY +13, ZDB +07, Zon +07]. carbonates [FR +10, FR +10, FC +15, LMG +17, LSL +15, PVBC +16, RFJ +10]. carcass [SRAL +17]. carcasses [YM +22]. carcinophaga [MCBC +08]. Cardiovascular [ECD +06]. career [Ver +13]. Cariaco [ALT +13, MTK +13, MKV +04, TSP +18]. Caribbean [HMS +04, JPM +99, Jur +20, MCM +06, Ric +05]. Caridea [NCL +13]. Carlsberg [MR +15]. Carnivorous [DAG +17, HRX +17, FP +02, JZX +10]. Carolina [ASBM +02, AAG +02, BP +94, BH +94, Bla +94, CLT +94, CDL +94, DPL +94, DCR +94, GAC +02, Har +94, Hi +94, LRV +02, MP +94, RL +02, RH +94, SL +94, TBA +02, WR +09]. Carolinas [BG +94]. carried [NPBS +00]. Carrying [SH +02, GK +16, HSH +13, ZSK +19]. Cascais [IB +11, dSJB +11]. Casco [DTP +05, JCP +05, KCA +05, PKA +05, TD +05]. Case [TP +15, ABE +11, BS +21, CWW +04, DWG +15, DRR +14, DL +17, EAA +20, HGK +18, HAM +15, JTW +00, KBV +09, KMA +18, LT +16, MPM +16, MGT +20, MB +02, MTD +18, MS +18, MQAC +08, MSG +00, NC +97, PLRV +22, PP +93, Rai +14, RAC +20, RBXM +15, SC +09, SBA +20, TSI +10, TSZT +13, VAK +09, VAMP +17, WKM +07a]. Caspian [KBE +04, PF +03]. Cassidaigne [FPB +17]. Castle [KEA +17]. catabolic [GQ +09]. catalyzed [FT +97]. Catch [NA +09, BJP +22, DAB +04, JRG +22, LC +20, Loh +08, MRS +19, OLP +20, SL +12, ZKS +06]. catches [BHJ +14, DWM +15, GDA +15, MCL +19, RGI +06, YHC +11]. catchment [vGCM +00]. Categorizing [KAM +14]. catenatum [FRBB +10]. Cauchy
caught [CAJE15, LFKF+17]. Cauldron [BLS+03]. cause [Sch07, WTI+20]. caused [GPC+04, KAW+16, VMB17]. Causes [LSdC+10, HS98, TYBY06]. Cavibelonidae [OBH+18]. CCAMLR [BND+04, Dem04, HCWH00, JR04, KGE+04, KNV+10, NMR10, WGB+04, WHNS04]. CCE [GO15, MSS15]. CCE-LTER [GO15, MSS15]. CCSM4 [VNBW18]. CD [Ano96d, CDB94, RSD+97, NOT+09, NEN+07]. CD-ROM [CDB94, RSD+97, Ano96d]. CDOM [MORB+15, NTS+11, CDA98, LPJ+16]. CEAMARC [DLB+11]. Celebes [MNN10, ODH+07]. cell [DO96, FVSR+14, JS14, LZS+18, MMJ+03, PW12, SOS01]. celled [HK08]. cells [PWM+01, TIS+13, ZOB+96]. Celtic [CWE+17, JWC+01]. Cenozoic [BDE07, Ber07, BCVCHW+04, DLHH+11, DBD+03, MWS+15, SK07, WCAJ97]. Census [Ano09b, SH11a, PGF+09, SJD+11]. centennial [MPL+15]. Central [LBV+08, VALM+17, WGNH+15, ADBU+18, And00, BKP+19, BB98, BH19a, BCM+02, BQ96, BCO+96, BCKH+07, BGS+09, CD95, Cha07, CLF+09, CBS+96, CDG00, CMB02, CDJM+04, DZBR+95, DQ+19, DNG+12, DOLP+09, DMY+97, FG+04, FWG+97, Fon96, GPC+04, GGPM+05, GQ+09, GSd+14, HSS+18, Har96, HHP+96, ITT+12, ITTT+15, ITM+12, Joh96, KBK+18, KAW+16, KxF22, KM95, KSH+12, KT02, KNL7, KN05, LCK95, LKC96, LHZJ+13, LL+13, LTS+13, MGR+03a, MHG+04, MDH+98, Mar13, MPS+21, MWF+19, MFG+04, MAA+04, MAA+05, MES+97, MYN+96, NOLAS+04, NA13, NR00, NRM+99, NCSB+98, OCP+18, OHFW+93, PPRH+02, PLPS+98, PSD+00, PVT+21, ROP+03, RL97, RSC+09, RQRVM+10, SVAG+10, SHD+96, SIFS+10, SN00, TGLN+93, TB98, TSS+19, VLSS+04, WMW+96, WAW+05a, WYL+20, WAK+12, WMM+02, YTF+02, YS01, ZDWR+95]. central [ZD07, ZKH+13, Zim19, BMI01a, Fr01, KC04, LPK+17, MHC+19, MSBS+01, PAM+01, PBN10, RBA+01, RG+97, RSN+01, SdS+01, SFS+97, SS+19, SFW+13, SFZ+13, ULH+21, dSBB+01]. central-south [GQ09]. centre [MR+15]. centric [RP+18]. Centrophoridae [DW+15]. Centroporus [CGD+15, DWG+15]. centuries [HQVGH+02]. century [BCW03, DHM+22, PL04, TdFAL+19, VNBW+18, WYOS+18]. century-long [DHM+22]. Cephalaspidea [CC13]. cephalopod [LTS+13, RNP93, SL+13]. Cephalopoda [SRS+20]. Cephalopods [LSBS+17, GMP+13, LL+13, MFJ+13, SJST+13]. cerium [ODH+07]. certain [VK04]. CESAR [SE95]. CESM [CCL+14]. Cestodes [CP+13]. Cetacean [AAL+17, FWZ+12, FZ+13, TCG+00, TAB+05, CTW+15, PLD+17, PBN10, RBA+01, RG+97, RSN+01, SdS+01, SFS+97, SS+19, SFW+13, SFZ+13, ULH+21, dSBB+01]. cetaceans [BCT+21, BPM+18, CWE+17, GS+13, JNBJ+17, LPA+17, LAB+17, MM14, RCM+17, SSP+14, SSJ+22, SJ+19]. cf. [KMA+18]. CFR [GP+14]. CH [GOH+15, GOH+15, KLL+09]. Chaetogn. [HC13]. Chaetoceros [BLB+02]. chaetognath [MNN10]. Chaetognatha [PB08, PBN+10]. chaetognaths [NG10, PS+04a, UPS+04]. Chain [WLH+16, MG+17]. chalcogramma [Blo92, CBS+02, HS+07, SMD+03, SDA13]. chalcogrammus [DAB+16, EZB+20, GEP+16, MZH16, SCD+22, SHP+14]. Challenger [LAT+18]. Challenges [BKST+13, HAE+15, HLA+06, YHC+15]. Change
Characterization [ADGA05, ADGA06, ERPFF11, HHO11, KHO99, MSD+18, NKE11, PLL+06, Ste04, YO96, ADBV+18, CKJ+16, CDM+16, DAB+18, FCG18, GdRGH+14, HiI94, HSC+17, LGR+14, MNB02, MS18, MSNL09, OBC+14, PBVC+16, SGPD+14, VSR+10, WMB+13, WLC99].


Charting [CLMK13]. Charybdis [CB00a, VAM97]. Chauliodus [BBB+01, BBB+01]. check [PDB+20]. Chemical [AV97, AYN19, ARC02, EB16, FBL+98, ITT+15, TMP+19, dSSB+01, ASB+02, BSE+16, BMRP02, BCW03, BSSE16, Cte02, CC03, DPK+14, DRRBC16, EFR+16, EDF+04, GCR+02, GKL16, HAF+15, HiBB+02, HMA20, KSDE16, KGB16, LGC+12, MGR+03a, Mas01, MSL09, MFE+02, RD16, SMY+98, SNT02, SR09b, SSB+98, SKSW02, TRM+07, TD16, WCH+93, BKS+16].

Chemistry [Arr15, Arr16, CBG02, CMRL11, FI02, GDYW02, GW15, LRM07, OGG+15, RHL+16, SBB+19, WFA+95]. chemoautotrophic [TSP+18, YCYTK06].

c. chemoaotutralically [EMV09]. chemosynthetic [BRBD17, PDS+17, VR13].

chemotaxonomic [BMCF97, MKT+15, SMLS02]. chemotaxonomy [GCI+01]. CHEMTAX [RV02, WdE00, WdEP+10]. Chen [Won15]. Chesapeake [PDB02].

chick [CHPF10]. Chile [MAA+05, ADBU18, CDJ04, DRH+09, EHK09, EPRF09, FGU04, GMT+09, GQ09, HH09, ML04, MLG+04, NA13, PS04a, QLU09, SR09b, UPS04, VLSS+04, VGGQ+09].

Chilean [dSV+14, EDF+04, HA10, HEV+10, PRC+09, QSA+09]. Cchina [WPL+15, Won15, WKLM15, AIW03, CSL+22, CSIG03a, CLC+03, CC03, CSGC03b, ILCC07, CHL+15, CSG+15, CLS03, CLL+03, CSL+07, CCC+03, DLG+14, DW15a, DLL+15, PC15, FHY03, GWL+15, GW04, GZ010, GW15, HZ910, HSY+15, HTM+03, HFL+15, HX910, HXH+10, HZZ10, HZT+10, HZV16, HCG+03, HWC07, IOK03, KLI03, LCL03, aLSC15, LLH+15, LW15, LWV+15, LZC+15, LXL+16, LWL+16, LWV+07, LH07, LHZ+15, LPS03, LKH+07, LCT+07b, LCT+07a, LBY+10, LCL+10, LSL+15, NMW+09, OUK03, OMY+03, OT03, PWTH15, PW15, RCW+15, RZL+10, RZS+16, SGW+15, SG03, SHH03, SLZ+16, SLB+15, Slm19, Tan03, TSZ10, TWL+15, TIKS03, WT14, WLD15, WZC+19, WRZ+19, WZZ+19, WZL+19, WW13, WW07, WX13, WY13, WDC+15, WWC+15, WCL+15b, WLB+16, XGL15, XSM+19, YKS03, YXC+19, YZZ+16, YZZ+19, YKSI19, YH10, ZHY+13, ZWC+15, ZLZ+15, ZHX+16, ZZY+19, ZLZ+19, ZSL+19, ZS19, ZFH05]. China
CHINAREs [CGG+12]. Chinese [CGG+12, CW18]. Chinook [MHG+17, VBM+19]. Chinstrap [CWEHT22]. Chionoecetes [DBMJ17, FJR+20, GKGB17]. Chl [GAC+02, SMZ+08]. Chl-a [GAC+02]. Chlamys [DKP+14]. chlorofluorocarbon [MW05b]. chlorofluromethanes [Wal94a]. Chlorophyll [GSMG04, LH01, AVS+20, AvD04, BSS20, BHMK08, BY04, BT04, BLF+15, CLT94, CRDP02, CGC03a, CWS05, CMW+08, CFF+12, CHH19, CBPT05, CMC+02, DPS+11, DPY14, EGL+16, GGRW99, GMM+20, GWWL03, GGRW08, HPWP07, HS93, HHHK+04, IS07, JEK+15, JBC+21, KKSM12, KTP+20a, LMA08, LGF03, LMvDA16, MSLM14, MASB+19, MDH08, MMB+02, MCM11b, MCM11a, OE06, PLR+19, PLC+09, PLC+09, PKZ03, PW12, PHH+06, PHLMA06, PPR+02b, PVT+21, RR96, RD97, RT01, SMLP04, SWR+95, SA14, SISA+02, SG99, SY04, SRW+10, SZH+04, SMD08, SBK+16, SMS20, SWSL14, TRM+07, TSWJ12, TT01, TPS+15, UY04, VLOK06, YAS+93]. chlorophyll-a [AvD04, BY04, BLF+15, CLT94, CWS05, EPS+11, EGL+16, GWWL03, HHHK+04, KTP+20a, LMvDA16, MSLM14, MASB+19, MDH08, MMB+02, PLC+09, PLC+09, PVT+21, SMLP04, SA14, SISA+02, SG99, SMD08, SBK+16, YAS+93]. chlorophyll-biomass [PHH+06]. choice [HH05]. chokka [JKJ+22]. chondrichthyans [CG15, MC15, RS15]. chromium [AV97]. chromophoric [KSU+06, LFC+16, NTS+11]. chromophytic [LKL+13]. Chron [LSOM16]. Chronic [AAW+16, RN96, Bak98, FBL+98]. chronology [DBJ97]. Chronostratigraphy [OTNT05, LSOM16]. chub [HiII+19, HiII+20]. Chukchi [ATN+12, ACQ+17, BFS+17, DEL+17, DTWF17, CGC03, HC97, KL91, LMM+17, LGM+17, MD17, NXY20, PNL+19, RRR+20, SCD+14, WCC05, WOS12, ZWL+22, APP+14, AGP05, BHMCMC05, BBH05, BF14, BCKH07, BIH0, BSN18, BCP+15, BLF+15, CHW+12, CD09, CG07, CMG+12, CMV+20, COQ+18, CFL+16, CG18, CGG+19, CSS+22a, DAA+20, DB05, DGT+14, DGT17b, EGG+05, EAF+17, ESWL20, FNS20, FHT+14, FTT+17, GGC19, GP15, GP16, GLSK+17, Gra09, GNB+17, GKBG17, HHH+15, HMGD17, HTPM14, HTL+17, HCS05, HK010, HCP010, IB010, IMG+19, KLY+15, KR14T, KCL20, LGH20, LS14a, LMS90, LGC+12, LRS05, BLM+20, FLG16, LVD14, LPM+15, LD22, LP14, MM17, MH05, MBH09, MD14, MBL+15, MSM10, MKH+05, MBM+20, NRS14, NBHM10, OACA19, OFR+14, PSLA14, PPT+10, PMM+16, PE17, PBNF+16, PCAS05, PPF+15, RKG14, SET+09, SMB+17]. Chukchi [SKGD14, SGD14b, SP+14, SNFK20, SMS20, SM20, SLB+16, TCC+14, VSM17, WDM+05, WAW+05a, WFW+17, WBD17, WGM14, WAW05b, YHK15, YBC+17, YHL+12, YLK+15, ZAC+15]. Chukchi/Beaufort [DB05, WDM+05]. chum [ARWM13, KUT+20, KKUK10, KMOM19, VSM17, WBI+17, YK05]. CIB [BSM+41]. cidarids [BVL+04]. cidaroid [PL04]. cidaroids [HDR+11]. CIESM [An09a, BG09b]. CIESM/SUB [An09a, BG09b]. ciliate
[CLL+03, JYM+15, JLY+16, STFL+13]. **ciliates**

[OT03, SIFS10, TR02, WLZ+19]. **cinarchik** [TCG+18]. **Circannual** [MTK05]. **circulaisquama** [SAKP+22]. **Circannual**

[AGS+02, BBN97, CDJ+22, CH11, DZ08, DKZP16, GLBB11, GM11, LPSS03, MD06, PMM+16, PR17, RG93, SCC98, TRHA01, WA+05a, ACG+01, An096f, ABS+14, AGM+03, BSM01a, BSMV03, BCI02, Dae11, BLM13, BMRTL93, BrWR+20, BW99a, BW00, BTRL99, BCH+19, BDR+03, BJ15, BLSS10, CB16, CMC+05, CHL+95, Cok16, CMK+18, CMJ+18, CAGL+06, DGP+20, DFSF02, Di 03, DKS03, DK04, DMW+07, EOB03, FS05, FM03c, FKH13, GWL+15, GLDCA+06, GGLP02, GP15, GSM+20, GPC14, GMPS04, HBP+14, HS96, Har96, HLL+10, Hei02, HSHM02, HCHD09, HFKY05, HH05, HO99, JCM+13, KT05, KHY+04, KST+99, KY+05, LC03, LN05, LWSZ13, LSHP01, MPM+06, MZD+11, MAN+20, MPMD, MKB+10, MSC+19, MTT+12, MW05b, MW+05, MR+12, NLHB01, NP03, NRBO+05, OGRO18, ÖHÜ+93, PPRL02, PRDF08, PBGCD+13].

**circulation** [PWMC01, PPB+22, PGS14, PVRA07, PL+07, PAUB19, PR06, RAC+20, RHK+11, RMCAR06, RHKK+11, SMR+06, SH99a, SSLP95, SF04, SF11, SG14, Sm03, Spa99, SSC+00, SJ00, TIW+05, TGLN93, VCRDF99, VHT+20, VHY02, WMW96, WMC06, WBA03, WTSP07, YAOW05, YCYK10, YH10, ZZM+13, ZG15, HMHY11]. **circulations** [HZN+16]. **circum** [ASMM11]. **Circumpolar**

[BF+07, CWTJ03, DKS11, FG97, GS06b, HKO+17, JHS+17, Kla97, LDD+97, Mar19, MGC+01, PRMM+17, RPMS95, RFQ99, SDB+97, SLP+17, VMBBS03, VPSL15, ZGGF22, vdLCS+11, HH03]. **circumpolarity** [ABE+11]. **Cirripeds** [Di 10]. **Clade** [TFR+10]. **cladocerans** [dLC+14]. **Cladophorales** [DAGK+17, HRX17]. **clam** [DZL+17]. **clams** [LVJC17].

**Clarke** [ROY13]. **Class** [dLC+14, EWF+18, LWO+09]. **classes** [LPFS97]. **classical** [HCC+09, Joh19]. **Classification**

[DFMW13, LSM+06a, BV04, CS+15, DGT+17a, OM16]. **clay** [SHWW22]. **clay-size** [SHWW22]. **clean** [AKZL16, SHF+95]. **clean-up** [AKZL16]. **Cleve** [MA05]. **Climate** [Arr15, AGJ07, ENM+14, ENM+16, Ham07, HTTS12, HSW+02, HD07, Man94, MPL15, MCSR15, MC12, OAH+16, Pör06, SCB+16, SLS+15, WNH+15, YCA+20, ARW32, AH17, AGL+19, AGGdC14, ASF+16, Arr16, ATN+12, AJP+22, BG08, Bea09, BSRM08, CHH+21, CMAO+12, CKB+07, CMJ+18, DW15a, DW15b, DW+15, DP02, DLF+09b, DWJ+15, EEAC+20, ETD+11, EBG+15, EAB+20, FHA16, FMC+20, FJR+20, GSVVCH12, GO15, GHM+12, GBD+11, Har06, HSFN13, HAE+15, HBC+15, HBC+12, HH+22, HIA+16, HMHY11, HMA20, IHPA16, JRK+17, KMS18, KKUK10, KRO7, KLI11, LSNN15, LW+16, LXWC21, LWMM22, LD07, LSB07, MRSML+19, MFH04, MKG19, MTT+12, MWT+17, MSS15, OBA02, PRORSV+19, PQS14, PDC+21, ROPB03, RHPR15, Rod13, RBO07, RN07, SLS17, SZH20, SLB13a, SM06, SMS08, SBSW07, TSWJ12, TLP+19, TMW+05, WCJ+11, WOS12, WCB08]. **climate** [WGNH15, WS13, WLT+20, ZP+13, ZMY+13, ZT00]. **climate-catch**
Climate-dependent [Pör06]. climate-enhanced [HIA+16]. climate-induced [AGL+19, GBD+11]. Climate-mediated [ENM′14, ENM′16, FJR′20]. Climate-related [SCB′16, YCA′20]. Climatic [TP02b, TP02a, TGFP02, BW04, LCW20, MCL+19, YKY+07]. Climatological [TSW′09, KVL′19, LC03, MQ01, TSS+02]. climatologically [DKJ13]. climatologically-forced [DKJ13]. climatologies [KC03, SDKH03]. Climatology [PFTH15, PW15, OWD13, RT14, WBJ+98]. CLIMODE [JTDG13]. clinical [DRR′14]. CLIOTOP [EAB+20, HAE+17]. Clitellata [UC13]. clonality [BCN′17]. clones [FRBB10]. close [BSE′16, Car10, RCL′09, VGBGPA02]. closed [BCH′19, DCD′14, GKH′07]. closely [VK04]. Clues [WZB′14, DCC′13]. Clupea [ASF′16, GKR′18, Pro09, SPP22, TKF07]. cluster [RH14]. clustered [MC06]. clustered-drifter [MC06]. CMarZ [WBM′10]. CMIP5 [LWS21, TdFAL19, WYOS18]. CMIP6 [CHH′21, HKC′21, KxF22, LWS21, LSMW22, QQJ′21]. Cnidaria [AL14, BSJ13, Dau18, ROS′17, SS13a, Ste13]. cnidarians [HSY08]. CO [ALT′13, CFT′04, DHW98, ECD′17, Hei02, IIM02, PNS′09, SMP′15, TSS+02, WTL′06, YKS′19, ZNM′02, BBB′11b, MBHP99, OM14, BL99, CSS′16, ODPC98, PKHH17, RHD′18, SAB08, TFR′10, ZHK′05, AAG06, AKBD13, BBL′13, Bat01, BCM02, CG07, CB09a, CFT′04, CBB′95, CMMN16, CMOB02, DOBH02, DVP′06, DLF′09b, DTR′09, DWW′02, FWC′95, FBC′02, IIM′09, ITMG18, KRF01, KOLA′18, KGD′18, LSFM09, MLVM02, MCJ′99, Mun07, MBS′02, NBSM01, NMW′09, NSH′11, PWF03, PGK15, SDCH99, TSS′02, TSW′09, Zon07, vHHH′11, NOT′09, NCT13, NEN′07]. Co-limitation [BBB′11b, MBHP99]. co-limited [ZHK′05]. co-occurring [ODPC98, PKHH17, TFR′10]. co-production [RHD′18]. co-variability [BL09, CSS′16]. co-variation [SAB08]. Coagulation [DD95, Jac95a, Jac95b, LPA′95]. coarctatus [GKBG17]. coast [AKZL16, BMK05, CLF′09, FVSRR14, FPS10, FMFW07, FA02, HVWH09, HHMF11, IATK17, KDG′97, LWS13, MTMH11, NLDJ14, NPBS00, OG11, PTS01, RAL04, SW09, SLM′20, SPF10, SSW05, SGI′19, SGW′00, SKW07, SLDZ13, TWPP07, VBM′19, WT14, WGMW10, WNRM08, WMP′11, Ano14, DCS′18, KHGL′02, MMMC07]. Coastal [BT04, CPS05, HHD′09, LHH14a, MBOvL08, PCJ′05, PKA95, PHS′17b, SBC′16, WDR05, ATM′07, Ake19, ABDU18, AHV′00, An05d, AMK′05, BPS00, BC05, BMK05, BHS′19, BCVCHW04, BLD′06, BFF′10, CJAJ′06, CFZ′18, CSW′18, CB09a, CA06b, CBA′20, CBA′05, DBS′20, DHH09, DSI′02, DWH06, EQW′13, EDF′04, EO02, FME′09, FWR′02, GBP00, GKB′18, GVD′97, HPWP07, HWTP07, HS004, ITA′17, HCH09, HS05a, HEV′10, HLS′02, HWP′07, HTW14, HCRX16, Ihe03, JUVH18, JCP09, JFM′17, KCM05, KC03, KC04, KGB06, LLK′16, LRR′06, LWDH06, LAGK′18, LGD016, LPPK14, MTGY05, MBH′96, MM05, MTD′18,}
MPF^+17, MBC^+09a, MAA^+04, MAA^+05, MKVT^+04, NC97, NKB95, OC00, OTH05, PRC^+09, PBG^+10, PJLO^+17, PK03, PFX^+02, RHI00, RBG11, Roy05, SH99c, SGW^+15, SAM96, SFB16, SFB19, SRS11, TAMTC^+13, TDCV^+06, Thu98].

coastal

[TMC^+14, TLR^+00, VLP^+17, VSFF09, WMB^+08, WCH05, WCSA^+16, WYW^+02, YK05, YSBH06, bsBD^+20, vGTG^+00]. coastal-oceanic

[BHS^+19]. coastline [WRBS10]. coasts

[PNC^+06, SLP^+04, TBW^+11, WLR^+00, vCO09]. coatourum [RDW^+22].

Cobalt [NSMBN08]. Cosbcook [HTW14]. cocoid [SSW05]. Coccolith [Tan03, BZvHH00, SZS^+07, YZ00, ZdBB^+07]. coccolith-CaCO [BZvHH00].

Coccolithophore [BZvHH00, BBV00, CBT01, HT01, STD^+02].

Coccolithophores [BZS^+00, GC07, GMMS05, Zon07]. coccolithophorid [BAS00, GC07, GMMS05, Zon07].

Coccolithophorids [BH99a, SWZA02].

coccolithophore-dominated [WTZ02].

Coccolithophorids [BH99a, SWZA02].

coccoliths [SLB^+15, ZBV^+00].

Coccolithus [TTA^+16].

coccolith [YERT13]. cod

[BZS^+16, BD06, CSS^+22b, DTWF17, Dr09, FFAH16, HTPM14, HCAK17, HSC^+19, IAA69, JGM09, KYS^+09, LSHB09, LM96, LCR^+96, LBB^+06, LLW01, MMS^+19, MDH16, MZH16, NHCL14, ODR^+09, RG06a, RG06b, SRFR07, SH16, SPM14, SSB^+07, VSFF09, WPLN96, JDBH05].

cods [PPFJ^+09, WWM^+22]. coefficient [DNA97, MNSM^+04]. coefficients [STWW01].

Coelodendridae [PPC^+07].

Coelodiceras [PPC^+07].

Coelorinchus [FARLR^+13].

Coexistence [Gut06].

Coherent [MDSA19, SLP^+09]. cohesive [LYL22]. Coho [LWO^+09, TBH09].

cohorts [LCW20, VSFF09].

CO1 [ABE^+11].

coincidence [BWD20].

colbecki [SL06].

Cold

[Cor10, FBP^+17, GPCC^+17, KCD^+17, KBFH14, LSL^+15, ODP^+17, RFJ10, SC10, SkDS^+14, WMB^+13, AM22b, ASF^+16, AHVB^+17, BBAL^+20, BBS^+20, BCN^+17, BDL^+14, BNP^+09, BHSJ16, BPR^+10, BR14, CBHF10, CMN17, DCC^+17, DG7^+17a, EFW^+14, ESL^+10, FR10, FRC^+10, FC15, FDP^+14, GGO^+14, HS96, HKW^+14, HHH^+22, HFL^+15, JBJ17, JBS^+10, KB15, KEL10, KHL^+17, LPdR^+14, LDVdB17, LPPC^+10, LLM^+17, LZZ^+16, LPMs09, LGR^+14, MRB^+14, MTM^+13, MST^+14, MSA^+14, NOFP14, NLDJ14, OGI11, OJK^+10, OWW^+12, PL04, RRL^+14, RVC^+13a, RDV^+09, RBJW16, ROC^+21, ROBV^+18, Sco05, SO98, SKM^+12, SSR^+14, SGM^+14, SDGH14, SKW07, TAC^+17, TH99, VDS^+20, WPJW96, ZWM12, vCO09, GdRGH^+14].

cold-air [Sco05].

cold-core [LPMs09, OGI11, SKW07]. Cold-seep [RFJ10, WMB^+13, FR10, FRC^+10, HFL^+15, JBS^+10, OJK^+10, SO98].

Cold-seep-like [ODP^+17].

Cold-Water [Cor10, FBP^+17, GPCC^+17, KBFH14, SkDS^+14, AHVB^+17, BDL^+14, BR14, CMN17, DCC^+17, DG7^+17a, EFW^+14, ESL^+10, FDP^+14, GGO^+14, HKW^+14, JBJ17, LPdR^+14, LDVdB17, LLM^+17, MRB^+14, MTM^+13, MSA^+14, NOFP14, RRL^+14, RVC^+13a, ROC^+21, SSR^+14, SDGH14, TAC^+17].

collaboration
Ano97c, ACBMQ08, ADGA05, ADGA06, AS95, BH14, BS03, BBH05, 
BCN+16, BGCH20, BGWF08, BG94, BF14, Blu01, BDG+04, BMGC09, 
BGKB06, BL01b, BLC+02, BLG+08, BMSBM+17, CLC+98, CTBNL08, 
CSW+17, CSGC03b, CCW+08, CBW01, CBHF10, CKB+07, CPE08, 
CMB12, CR18, DSN+10, DGN+17, DCA09, DPS+14, DBS98, ENM+14, 
ENM+16, EBDL08, ECS+17, FSP+16, Fro04, FAMY20, GdRGH+14, GML99, 
GGPM05, GQ09, GS06b, GKGW22, HWT07, HAH+01, HKN+09, HNK+12, 
HWS+98b, HSR+22, HTP10, HS+00, HZY10, HX+10, HWTN22, Hug14, 
HPS+11, IIM02, IHI+97, JMN+15, JTK+14, KBL01, KSH+09, KFG+03, 
KCTG16, KAM+20, KW00, KNN+06, KCO+19, LRD+04, LK02, LHD+22, 
LDvEB17, LRM+14, LML+97, LPPCF10. community 
[LGML00, LMKL09, LLH+15, LWW+15, LTW+22, LXS+13, LLT+00, 
LDV98, MC05, MBHN02, MBH09, MK+20, MK21, MC18b, MCH22, 
MNV+20, MLK+12, MCL+12, MLS+15, MPTW11, NGS+15, NGS+20, 
NMC+07, NTH10, NPA+22, OYD+13, OYK15, OS02, PKW07, PK03, 
PTD+14, PMS+07, PABH07, PCP+17, QED+14, RKTG14, RSF+99, RRW99, 
RW+02, RSR10, RMNB08, RBS+17b, SD06a, SWL+18, SMM+08, SLP+07, 
SLA+01, SFW08, SRF+09a, SFRV+98, SSAL+17, SVH+16, SSI19, 
SM+98, SSP+06, SE14, SGM+14, SCW08, SWMB10, SKH10b, SHC+00, 
TBEW99, TZS+01, TLSY11, TLSW+15, TLR+00, TDKA05, UMY+16, ULTL+16, 
WGB+04, WAT12, WdEM00, WCH+93, WBL+17, WABW02, WTT+20, 
WdE00, WdEP+10, YHK15, YJL16, YNK07, Zel01, ZJH08, ZLW+19]. 
compagnoi [SLC+15]. Comparative 
[EAB+20, GMR+05, HPN+12, JASS02, KKSA19, LTG+09, RWN+08, Sum19, 
ZHJ08, BDW+96, HAE+17, KYW20, LDHO+14, LH+15, LPS14, MK+20, 
NEO+07, RNP93, WCS07, XZW+19]. compared 
[BQT08, SA15b, WGR+95]. Comparing [DLW+17, HON+13, HWJ20, 
Jacz95a, KSM+11, LOP+20, WAC+09, FR10, NA13]. Comparison [OE06]. 
Comparison [ATM+07, AGGD14, CBK+07, Dri09, Dpod06, ETP+16, 
HP+16, IYM10, KJL+17, KKD06, MR15, NRH+20, SRED07, SKM+12, 
SGM+14, SKW07, TRM+15, WBO07, YLK+15, ZIN18, bsBD+20, 
vDLBB+02, ABKL96, BAS00, BMML06, BGB08, BB03, BWAS02, BRBD17, 
Boy02, BBM04, BL06, CFGR07, CJL96, CFS+06, CES98, CC15, CCL+14, 
CM93, CBW01, CM10, CDJM04, Dal04, DEL+17, DKJ13, DLKP14, 
DBC+02, DBH+20, EMG+15, FRC+10, FO05, GSGS01, GLdS+09, 
GWP+98b, HBP+14, HPS+13, HZS00, HCHD09, HIA+16, JVDH08, Kam18, 
KGE+04, LB98a, LR07, LMG93, LW15, MBW+03, NVK+04, RJDW01, 
RD07, RHPCT+19, RTC+07, RAL+01, SCGDU09, Sch02a, SVKT20, SFD+12, 
SCW08, WHL02, WCRG95, WAT12, WBL+17, YD09, ZNM+02]. 
Comparisons [JWS01, MPZ04, MBS05, TSWJ12, CRT+00, DIM+12, 
HJS+10, MSH10, MDI+12, RDL02, WBJ+98]. compensation [SVS+20]. 
competence [BA01]. competency [GdRGH+14, VSGM03a, VSGM03b]. 
competing [PSUH+16]. competition [ARWM13, DMFB19, LSWH07]. 
compilation [LMB+98, Lut09]. compiled [FRW00]. Complementarity
Complementary [MS18]. Complete [FB14]. Complex [DSE+14, DDB+17, DJC+14, KBB07, ROB+17, SDT+17, SJD+11, TT17, Vri09].

Complexation [BS15, PD01, TGK+11, TAL+12]. complexed [TLF97].

Complexing [ISB+11]. Complexities [BFK+14]. complexity [BF14, FHW06, MDK+01]. component [BA10, BWD20, RI05, WDMEL01]. components [HIN+02, JCP+22, SNIT02]. composite [HMA20].

Composition [Ala18, BHJ+14, BFB+18, BCB07, CMH09, FB15, GSB+03, Kam15, KRS+11, Kyt02a, MB15, SSMM+08, WACGH11, WAP+18, ZRC+11, AWL+09, AHR+06, Ala13, Ala15, ADBU18, ARC02, AHV+17, Ano97b, ADGA05, ADGA06, ASF+12, BDR16, BTV+11, BH14, BLS14, BGS98, BGF93, BSK+97, BS98, BOB20, BTR20, BRP+13, BAF+18, BZvHH00, BOKA16, CVF11, CAFK03b, CBHF10, CG04, CPEN08, DDN+04, DSN+10, DMS96, DB05, DPS+14, DDB+17, DKGT04, EBGL08, ER05, FLLGR04, FGW02, FCBD08, GVW+19, GSM+08, GBH+17, GBLS00, GFS99, GK02, HMH+02, HK01, Hil04, HTD13, Hug14, IOK03, iITT+15, JBR+18, JLR+13, Kam13, Kam18, KSH+09, KSL+04, KCZ+19, KR95, KME18, KMM+08, KYI10a, KLY+15, KHH+17, LCVV06, LOA15, LPPC+10, LPPCF10, Lin04, LKH+07, MC05, MGHN01, MHA+01, MHPS19, MO96, MNV+20].

Compositional [MvSHD01, DF16]. Compositions [WHL+97, BLM+10, CH07, CMVS+10, CML+09, JKP+17, KJL+17, KLL03, KWPB15, KL+16, SHWW22, WBD17, YLK+15, ZWQ+19]. compound [EBG+15]. compounds [ABC+04, HTML98, HML99, PSK00a].

Comprehensive [PMJ20, BMG+04, CW18]. compression [SLS17].

Compromise [SLD+13]. computations [Lar04]. Computer [OM02, PWL07]. concentrating [NSMBN08]. Concentration [HAP03, SZG+13, ATS+96, BSS20, CMNM16, DO96, GMM+20, GWWL03, MFS+17, MGR03b, NDT+01, PHD+18, PLHMA06, SWR+95].

Concentrations [RWJ06, ARF+13, BSE+16, BMML06, CBV+16, EGL+16, FJG+00, FBCN00, GMR06, HST+09, HK01, HA03, IS07, Iko03, KSBK01, KLO98, KMD+01, Kyt02b, LAM15, LMM+17, LZB96, LCL+09, NTK+09, OHT12, OEO6, RVC+13a, RGS+97, SMLP04, SG99, SRW+10, TP99, TRM+15, WSS+08, WR01, WS+09]. Concepción [CDJMO4, MFG+04, UPS04, VLS+04]. Concept [MST+14]. concepts [MS15, NTA+10]. Conceptual [SHM13, MD06, RDSA+21, VSGPR14].

concinna [GWD01]. conclusions [BFF94]. concretions [FSCC07, GPBV+07]. concurrent [JOD98, MT98]. Condition [NVK+04, VMF+16, BZMC20, CLB96, CSS+22a, CSS+22b, DDAH+14, FHAH16, GKR+18, HSFN13, HRM+18, JH04, KMOM19, LCR+96, MCB08,
MZH16, NKK+00, NLY+13, OVKN11, SMH+06, SRFR07, VKM+10, WBI+17.

Conditions
[LMH+18, ASF+16, BN05, BES11, BKP+20, BG08, BBL+13, BZ20, BFDB17, BCDV02, BMH+94, BLH05, BVB+14b, CAS+16, CJA+06, CFK05, CFS09, CDJ04, Dal04, DSG+09b, DBL+05, DG18, EGG+05, FBP+17, FLLGR04, FLTV04, GEP+16, GWWL03, GNT+17, Had11, HSB+16, HMW00, HSR+16, HSFN13, HNRGL06, ITT12, JTW00, JD08, JGM09, KB99, KFF+94, KSH12, KMM+08, KTS07, KTO2, LT16, LH15, LLK05, LAT+18, MPG+97, MDT511a, MPV+11, MAK+16, MAA+04, MAA+05, NVBJ08, NCR+08, OT12, PS04a, PNL+19, RRL+14, RMB05, RVJG+02, RVJG+05, RSS01, SMZ+08, SMB+13, SLS17, SAA+17, SSR13, SHH03, SBG+03, SBK08, SMH+11, SLR+17, TBW+11, UPS04, VGGLB15, VPP07, WSB13, vOSG+11].

CONDOR [GMB13, BLM13, BRP+13, CSA+13, CSM+13a, CGPM13, MDG13, MG13, PGPP+13, PGP+13, RG13, SMH+13, THM+13, ZBC+13], conducted [SL12], confamilials [SI09]. Conference [Ano00e], confidence [SSM09]. Configuring [SMA01], confined [AJG+10, DL04], conflicts [HBC+15]. Confluence [GSMG04]. confronted [BCE+07]. confronting [PCL22]. Congo [BMD+17, BSS+17, CRD+17, DDB+17, MRG+17, OCG+09, ODP+17, PTD+17, PCB+17, PDS+17, RCL+09, ROB+17, RD017, RdGM+09, SBDB09, SSB+17, SDT+17, TBC+17, VPA+09, VKC09, vCO09]. Congolobe [ROB+17, RD017]. Connecting [MD17, RH14, HGM+11]. connection [BPS00, CBBM12, Har06]. connections [MTWH04].

Connectivity
[CBA+20, HSC+19, SCH+19b, SCH+19a, GSC+19, GDAMS19, LHM14a, PHR+16, RMBG01, SGI+19, TM22, VVM+12, VHC+17, YSC+20]. connexions [CPF+14], consecutive [RSF+09]. Consequences [VHT+20, AL13, DAA+20, EDF+04, PPRHLF02, Rod13, TTU01]. Conservation [ASBR17, BCG+22, BM17, CHS17, DCC+17, DKS+14, DLW+17, LBY+10, MGT+20, PRDB+17, PWB+06, SCCG09]. conservative [BWD20]. conserve [DGW+15]. considerable [PRB+11]. considered [TSH+12], considering [CWSH20]. Consistency [LSF+01, CBB+95]. Consistent [BFML+20, KHL+17, TGK+11]. constant [VCM+14]. constrain [HSM+01a]. constrained [OUJ+19]. Constraining [BA10, DDK+00]. Constraints [CTGD08, Cha07, FDP+14, PC98, WJS+10, WCJ97]. construct [CW18]. Constructing [RDSA+21]. Consumption [CBA+05, BLW+09, CGC03b, DSO+07, HDJP05, HRG+16, MBC+09b, PCB+17, RCL+09, RMNB08, SMV+03, SLZ+16, SH16, SLT10, TS13, VRL+02]. contact [AHML95]. containing [ABS+14, CP03, SW01, WLC99]. contaminant [ACV+01, ACG+01, CM99b]. contaminants [BMB+18, HFK+02, SSLP95]. contamination [SHF+95]. contemporary [Jam18, MBG18]. Content [KDU+10, CHV+15, EWP+99, GGRJD+10, HHW01, HRM+18, ITK+16, Mil94b, MS12, RS02, RWT+20, SWC+02, WGM+14, WPB11, YOO+10, YBC+17]. Contents [Ano96b, Ano96c, Ano95g, Ano98g, Ano99f, Ano00f, Ano06e, BMB94b, BHS00, CBBM12, Har06].
context
[CH07, DBMI17, KLL03, YQMB20]. contextual [RPH+06]. Continental [CB09a, DTWF17, KBH+04, PDDB03, SSL98, WCK+18, AAG02, ASBM02, APT11, AMH+01, ARW+04, BB94, DBW+98, Ban02, BDWG02, BH99a, BBS+20, BLM+10, BBDL98, BRW00, BPB+94, BH94, BD94, Bla94, Bol08, BLD+06, BHSJ16, BCA+03, CLT94, CBNR+09, CFL+99, CA06a, Che03, CWF94, CKR+08, CDL94, DAA+20, DGN+17, DTB+02, DBD01, DC08, DCR94, DK04, DKS11, DBDT03, DT08, DEK+08, DDB+97, DME+18, EBGCL08, FBS94, FGU04, FARLR+13, GMR+09, GTSC08, GLDCA+06, GPMZ+10, Gau07, GSB+08, GSB+13, GOM+09, HB03, HBB03, HBCG14, HBT+08, Har94, He94, HZMH07, HMLS+06, HmMR+99, Hl94, HVN02, HvH04, HS05b, HZWW16, IOK03, IGP+06, JWO+09, JBD+09, JWCC99, KGB+11, Ktt94, KFF+94, KBK13, LG00, LSm+06a, LLM+17, LRV+02, MY99, MPZ04, MAK+16, MS06b, MMWM00, MKB+10, Mi94b, MLH+22]. continental [MSG+00, MLG+04, MMM+00, NEO+07, NAT+12, NMS09, NCSC+98, OBC+14, OHT12, OPV11, PK08, PKHH17, PBVC+16, PRP15, PPM02, QSA+09, RCL+09, RH99, RV00, RH94, RFJ10, RSH10, RTM14, RSRL00, RBP+94, SLS17, SC10, SL94, SSV02, SGC03, SS+00, SK02, SMD08, SSR96, SLZ+16, SM20, SGFP13, SN00, SHY10, SJSI00, TBA+02, VBF+02, WZL+16, Wr94, ZZY+19, ZWJ+19, dSB+11, vWDB+01, RA08]. continental-shelf [FGU04]. Continuity [FBB+13, PSK+06b]. Continuous [CDG00, NMW+09, FWS94]. conturite [HMLS+06]. contraction [FJR+20]. Contrasted [JK+14, BGG+09, JAM+14]. Contrast [BSW+13, BSR08, CEG+11, CMC11, MWF+19, MCS+09, NRS14, SHC+22, TP07, TBW+11, dChdOF+18, BBE+13, DDB+97, GW07, KM11, LG008, NCR+08, SKL+22, Wit00, vdLEM+14]. contribute [CSS+16]. contributing [ANL13, FH+13a, PDY20]. Contribution [A09b, LTS+13, MRLM+19, NAT+12, BMS+18, BH99a, BRP02, DURP03, DB97a, Har06, JSP+17, KW03, KNB11, LKJ+15, OT03, RvAH10, RT20, SWSL14, TRH+08, WDKC00, ZdB+07, IPH+17]. Contributions [DO96, GBB+17, CPM+18, KD13, LCL+98]. contributors [GRA09]. Control [KMC05, PHS+11a, SD96, ARS19, Arm03, BSS+08, DSN+10, ECD06, EAF+17, FAS+03a, HC01, HBCG14, HH03, HS+02, HPS+11, HRG+16, HKY+16, KIWW03, LMWD06, LHKKH01, MLG+02, MTTW+15, ML20, NGS+15, NCCR+12, SFR+06, SLS+10, SBD+97, SWF+13, SFF+13, TBB+08, WZV+22]. controlled [HPD99, JB01, WRG+97]. Controlling [WC09, ZWC+15, BN05, BCM02, BES95, GSMB01, HB03, HWTC22, KMO09, KMLT06, LIO0, MLS01, SG03, VPP07, WMM02]. Controls [AM02, BMG+17, DRH+09, ETDB11, HPY+15, HKO+17, LG15, MMB+07, WKM+07a, ARF+13, AMN+02b, CMB12, DS21, DWHM06, ECD+17, FGB+14, FAS+03b, HWC07, MPH+95, MdB98, MhB05, PLR02, PR07A, TCH+16, WCM06, WRZ+19]. convection [BK99, Car07, GKH+07, KB99, LGQ99]. Convective
Cruise [LXWC21, VJP+10, WZW+22, YCT+22, YMC+22]. cost [AKK+17, RG06a]. Coulter [JLAD95]. Counter [PBD+02, FFMFW07, WMH+07]. counter-rotating [FMFW07, WMH+07]. countercurrent [CGR+00, CMDBPM04]. Coupled [AMP+03, HCC+21, HCRX16, SSC19, WBB01, AGL+19, BFK+14, CRS+19, CMAO+12, CM03, DP99, DP02, DCL+21, DGN06, Gre01, HHD+09, HAM+15, JCD+03, JAM+14, KKUK10, LCL+10, MMSS14, RP99, SMD06, SDMS06, TBC17, WZB+14]. Couplings [SS05a, SS05b]. course [CLMK13]. Covariability [PO15, TBH09]. Covariances [Wun13].

crano [CGR+00, CMDBPM04]. Coupling [AMP+03, HCC+21, HCRX16, SSC19, WBB01, AGL+19, BFK+14, CRS+19, CMAO+12, CM03, DP99, DP02, DCL+21, DGN06, Gre01, HHD+09, HAM+15, JCD+03, JAM+14, KKUK10, LCL+10, MMSS14, RP99, SMD06, SDMS06, TBC17, WZB+14]. Couplings [SS05a, SS05b]. course [CLMK13]. Covariability [PO15, TBH09]. Covariances [Wun13].

crano [CGR+00, CMDBPM04]. Coupling [AMP+03, HCC+21, HCRX16, SSC19, WBB01, AGL+19, BFK+14, CRS+19, CMAO+12, CM03, DP99, DP02, DCL+21, DGN06, Gre01, HHD+09, HAM+15, JCD+03, JAM+14, KKUK10, LCL+10, MMSS14, RP99, SMD06, SDMS06, TBC17, WZB+14]. Couplings [SS05a, SS05b]. course [CLMK13]. Covariability [PO15, TBH09]. Covariances [Wun13].

crano [CGR+00, CMDBPM04]. Coupling [AMP+03, HCC+21, HCRX16, SSC19, WBB01, AGL+19, BFK+14, CRS+19, CMAO+12, CM03, DP99, DP02, DCL+21, DGN06, Gre01, HHD+09, HAM+15, JCD+03, JAM+14, KKUK10, LCL+10, MMSS14, RP99, SMD06, SDMS06, TBC17, WZB+14]. Couplings [SS05a, SS05b]. course [CLMK13]. Covariability [PO15, TBH09]. Covariances [Wun13].

crano [CGR+00, CMDBPM04]. Coupling [AMP+03, HCC+21, HCRX16, SSC19, WBB01, AGL+19, BFK+14, CRS+19, CMAO+12, CM03, DP99, DP02, DCL+21, DGN06, Gre01, HHD+09, HAM+15, JCD+03, JAM+14, KKUK10, LCL+10, MMSS14, RP99, SMD06, SDMS06, TBC17, WZB+14]. Couplings [SS05a, SS05b]. course [CLMK13]. Covariability [PO15, TBH09]. Covariances [Wun13].

crano [CGR+00, CMDBPM04]. Coupling [AMP+03, HCC+21, HCRX16, SSC19, WBB01, AGL+19, BFK+14, CRS+19, CMAO+12, CM03, DP99, DP02, DCL+21, DGN06, Gre01, HHD+09, HAM+15, JCD+03, JAM+14, KKUK10, LCL+10, MMSS14, RP99, SMD06, SDMS06, TBC17, WZB+14]. Couplings [SS05a, SS05b]. course [CLMK13]. Covariability [PO15, TBH09]. Covariances [Wun13].

Craghidae [SRS+20], crater [ASS02, Mas02, OM02, TGFE02], craters [PPM02], crino [JHS+05, OT03], crops [DEL+17]. Cross [CSGC03a, DKo3, GGM05, CHL+10, Jen03, MTV+15, PBS06, PG07, CM11, CP05, DK04, DGS+05, GNG+22, HHD+09, HZN+16, HCG+03, HRK14, JCF+06a, JHJK+14, LSC05, MMJ+03, MMCC+07, SRY04, VCDAL+14, WGB01, XSL+17, YH10, YLH+10, LC16]. Cross-equatorial [Jen03, MMJ+03]. Cross-front [MKT+15]. Cross-frontal [PG97, SRY04].
cross-over [ICF+06a]. Cross-shelf [CSGC03a, DKo3, GGM05, CHL+10, PBS06, CP05, DK04, DGS+05, GNG+22, HHD+09, HCG+03, HRK14, JHJK+14, LSC05, MMCC+07, VCDAL+14, WGB01, YH10, YLH+10].
cross-shore [CM11, HZN+16]. Cross-species [XSL+17]. crossing [SHB02]. crossings [PRB+11]. Crouzet [VVTM97, MS+07, MP+07, BM+07, BBE+13, FWP+07, MM+07, PG07, QPR02, PSE+07, PLS07, PVRA07, PMS+07, APA07, SMS+07, SQ02, SLMP07, VPP07, ZHB+07]. CROZEX

[MS+07, MP+07, PLS07, Ano07a, LSS+07, PPL+07]. crude [SKD+16]. Crui [STE13, BPR11, DGBM97, Fg02, KFS+17, LSU04, LAF+02, PPR02, SBW01, SUB15, SDB+97, SBvdL+02, WPAP01, RAB+17].
cruises [AE02, BCH+96, BAC+15, BG09b, CAMA+02, CP22, DLB+11, HMW+15, LUV99, MHFM15, Mur06, WBM+10, WNN+02]. crust
[ACBV+18, GNT+17]. **Crustacea** [BPBJ+13, MKKB+14, MSN11, NCL13, SM15, Wilt08, DKGTO4, AS3O1a, Ang10, BBBM04, BB04, CB00a, EWP+99, HNS+11, JLL+13, KB15, LMS15, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, Mar18, RHW04, RMW07, SLB18, SR08b, VAM97]. **crustacean**

[DND04, MCB+15]. **crustaceans**

[BBR+18, GBBP+13, Mar18, PHS17a, WPB11]. **crusts**

[CYB+18, GPBV+07]. **cryosphere** [SK07]. **Cryptic**

[ABE+11, Vri09, BDR16, GRB+17, MMN10]. **cryptophytes** [MTD+18].

**crystallinity** [NAT+12]. **crystallorhophias** [JH04, LLK+16, NVK+04]. **Cs** [HA03, Ike03, LLLP+03, NP03, OHT12, PFG+03, PdBK+03, TKP+20].

**CTD** [BKST13, SSWM18, STP+16]. **ctenophores** [MMY+20, PHKW10].

**ctenostome** [GC15]. **Cu** [AIW03, NOT+09, NEN+07]. **cumbersome**

[OPDM11, WITT13]. **Cultivation** [CKJ+16, LTG+09, ZWZ18].

**Cultivation-independent** [LTG+09]. **culturable** [MFM+18]. **culure**

[MNB02]. **cultures** [JS14, TVLB08]. **Cumacea** [LMS15]. **Cumacea**

[MS11, Wat09]. **cumulative** [PJL+17]. **curl** [DDL06, KKD06, YAO05].

**Current** [Ant10, BPS00, BCP05, BV98, BMK07, BCW03, BL03, CC00, CPM+18, CMRI13, Di03, DMW+07, EPPR09, FEB+13, GMCR18, GQ09, HV03, JR15, KVPK20, LKKL17, MHG+04, MPI07, P015, QL09, Re03, SRF09b, SFH+18, SJ00, TAB+05, YHC+15, AGAB19, BG94, BM+99, CHN+18, DLM15, DCA+98, DBDT03, Efi05, EBG+11, FKS18, HMW00, Hen19, HMLS+06, HS05a, HVO08, JW05a, JW05b, Led93, MB96, ML04, MSBS01, NP+09, Ou05, PFX+02, PGS14, PP20, RR96, RDW+22, RF99, RG03, RdR03, SSY+05, SSSC19, TRM+14, TWL+15, WEA93, vGCM00, AL98, AST+05, AGS+02, BFF+07, BC03, BRL+03, BLH05, BSL11, BT03, CK03, CMR+18, CPS05, CWT03, CPC+03, CMC11, CMJ+18, DD15a, DD15b, DCSV19, F03a, FMFW07, FG97, Gau07, GO15, GOGC18, GS06b, HLR+09, HWT07, HDD+11, HS98]. **Current** [HV98, HGM+02, dITGCA+03, HZK04, HGM+11, HWP+07, HKO+17, HBK+98, HJS+17, JDBP+05, KKM15, KLX+15, KGKS20, KT06, Kla97, KHZL+02, Lad14, LO03, LJHAA1, LL01, LOA13, LDD+97, MDJS11, MFPL19, MW99, Mar19, MGB+98, MBM03, MJG+13, MNNSN+04, MRD13, MBOvL08, MGC+01, MFFM03, MBO07, NSH+10, OCT+19, PK03, PCJ+05, PRMM+17, RPM595, RMB05, RB06, RPM07, RBP+05, Rie05, RAL04, RBGM11, RFQ99, SDB+97, SM03, SBC+16, SS99a, SG+02, SLP+17, SB05, SYB+11, SHK05, SRS11, STS11, SS13b, TSLW15, TCJ+11, TdFAL19, VMBS03, VPS15, WTP+07, WPG+07, WDR05, YSBH06, YHC+11, ZSIW21, vDLCS+11].

**current-dominated** [BG94]. **Current/Undercurrent** [ZSIW21].

**currently** [CBMM15]. **Currents** [DD15a, Fir96, SDK+16, SBK+16, YC05, AAB+97, BKM07, BLO04, BB08, Bhu93, BRSB16, CIMT19, CMH+20, CJ19, CH19, DBG+16, FHK05, FWS94, FKB98, GOM+09, Grü99, KAW+16, KOR06, LCG03, LTY+03, NR00, PCT18, Pup05a, PK13, PFW+20, PF06, RA98, SMS01, SD+17, SP09, SHM+20, SM20, SC5+98, SHK05, TP96, VTD+20, WC06a, WEB93, WTJ+19, ZLZ+15, Car01]. **curvatum** [WTS08].
cuttings [JB17, PFC09, SLS+09]. cyanobacteria [ANL13, SSW05, SKH+10a, Uys06]. cyanobacterial [WLC99].

Cyatholaimidae [MM15]. cycle [ASFI02, BLS+97, BMK09, BCP+15, CDP+02, DGA+11, FGB10, FSK+05, GWZ16, Hat02b, HWS+13, HFL+15, HDW+20, HPS+11, JKJ+22, JCM+13, KPPL00, KMDW01, LGHD20, LBM+17, LW15, Lip01, MPG+97, MTT+12, MQACB08, PDC+99, Pro09, QTPS97, RHG00, SNB02, SMHB00, SKH+10a, TP02a, WCRG95, WB01, WC01b]. Cycles [ZHx+16, AMTE09, BD02, BL06, CFGR07, LN01, PDH+11, SSP+06, Ste10, SAB+07, TP02b, TIKS03, WBN+02]. Cycling [OL15, ARC02, AT10, AHV+17, Ano99a, Bau02, BDWG02, BD94, BM093, CFJL96, CTFG08, CVF+18, CB09a, CBB+00, CMTS97, CO01, DNM+16, DSD12, Det02, DVP06, DMY+97, ET0+11, FGU04, FLTV97, FLM+93, FC07, HBCC13, HZWW16, JBS+13, JBVW12, KWH+05, LRFK99, LSS+09, LLB+00, LI00, LDFS93, LKK+95, MLS+06, MTT+12, MQACB08, PDC+99, Pro09, QTPS97, RHG00, SNB02, SMHB00, SKH+10a, TP02a, WCRG95, WB01, WC01b]. Cyclo-stationary [SVS+20]. cyclone [PP20, KND+08, LBR+08, LDS+08, NKD+08]. cyclones [DNK+08, LBR03, RBN+08]. cyclonic [CCW+08, EMW+08, GS08, MBN08, NSMN08, NMWH19, VMM+08]. CYCLOPS [Kro05, KTB+05, ZDBG05]. Cyclorhagida [AM18].

Cynoglossidae [TTD13]. Cyprus [AKZL16, GHG+05, HDGM19, OGJ+19, ZDBG05]. cyst [ASK+05, AJG+10, BAD+14, MLH14, PHK+14, PAM+14, VCM+14, Zon97]. cysts [AKK+14, ABS+14, BFG+10, EPK+10, ESAG10, KTP05a, MTK05, OT10, PBB+10, RBG01, SAG+10, SKM14a, ZB00]. Cytheroidea [KB15]. cytometric [DO96, OCS00]. cytometry [BFK+14, FGB10, SOS01]. CZCS [BE00, RD97]. CZCS-derived [BE00]. D [Ano97b, Ano97c, Eif05, CB05, Cok16, DLR+01, DP99, EB01, FM03c, FC01, GGLP02, GWP+98b, GMPS04, JCF+06a, JCF+06b, JD1+12, MRR+12, SKS+16, SGB+02, TLMT97, WTSP07]. D-BAD [GWP+98b]. D-variational [FM03c]. Dactylanthus [PB13]. Daily [ATS+96, CD95, PAM+04, GDA+15, GFM02, MPBR14]. Dall [MOA+18]. damage [RP18, YLG+18]. Dangeard [SDGH14]. Danois [GASGB+14, LPS14] dark [Ano97c, CB05, CM04, EGMB13, LMM+97, RIBW99, SH10, VCM+14].
darkly [NB10]. Darnley [GZGH22]. Data [LWM+17, MC12, SVS+20, Ala13, AGGdC14, AC019, BC08, BCWT00, BMML06, BWS+98, BS05, BS06, BWAS02, BSS+02, BBM04, CBF+18, CMB09, CLF+09, CFZ+18, CWP+15, CP18b, COJ+09, CLQ+18, CM99b, DSK+13, DRC+17, DWZ+02, DBC+02, EMG+15, FRW00, FWS94, Fr01, FHW06, GBC+13, GMR06, GCD+06, GdRLS04, Gd15, Gl18, GDC11,
HSO04, HM14, HGAB04, HPH±16, HFKY05, HSR±22, HHHK±04, HBM±07, HZZ10, HA96, IS07, JBC±21, KKSM12, KGKS20, KK20, KFH01, KBE±04, LSF±01, LHS96, LM13, LPM±19, MBG18, Mal15, MRD13, MGK±17, MBMGK08, MRM±12, NCSO13, NA09, NBBBT13, OAH±16, OLP±20, PGM±15, PNS±09, PTA±99, PDB±16, RMBW07, Re03, RD97, RHPC±19, RG39, RT±19, RVZ02, RAL±01, RCKCK07, RPF±16, SSWM18, SC10, SSB03, SLP±09, SRA±09, SMPSG±04, SMA01, SDK±16, SCQ±09, SGP±11].

data [TCEW07, TGMLM19, VTA±11, WHLR13, YKN07, ZKSS06].

Dawson [Ano97b]. days [KMLC±04]. DCM [TAB±02]. dead [MGK19].
debate [ABE±11].
debris [DF16, DMC±17, Kyt02a, Kyt02c, PJC19, SIA±05].
decabromodiphenylethane [CHW±12]. Decadal [Bea09, BT03, GMBL10, HALV18, HWL06, KST±99, LSHP01, MSC±19, Met09, PSAY20, APB±09, ACK±14, BFH±11, CLPL±09, DGS±05, FHR±11, HC15, HS07, HK01, HGM±11, IIM±09, KSBK01, LK11, MCL±19, NII0, NBB±02, RR10, SAM05, TSW±09]. Decadal-scale [GMBL10, LSHP01].
decadally [QC10]. Decade [PC18, DD06, GVW±19, HTK±10, RP18, SCB±01, TSSR20]. Decade-scale [PC18, SCB±01].
decades [Ano07d, KDMH18, KRHS20, LBJ±13, PWF03, PCY±13]. decapod [CPF±14, Mar18, PHS17a]. Decapoda [NCL13, CB00a, CRT±00, LDBS±17, Mar18]. decapods [MCB±15, MBM±00]. decay [FM03a, WLH±16, DKds±03]. decaying [TWD±08]. December [AE02, Ano98l, Ano21a, MDSA19, OTH05].

Deception [BS03, CRBK03, CKL03, KFG±03, KRW03, KL03, LT03, RHZ±03, SGD±03, BAKF03, GUSB03, IAC±03, LCG03, SBKS03, SBG±03]. Deciphering [DPY±14, GLBB11]. Decision [ZDP±16].
deck [TPW±16, WW04a]. decline [RMP±17, SF10, TSN±06]. Declines [PW12].
declining [CFGR07, STN±06]. Decomposition [EAS±09, HVN02, NSK96, SBG±98]. decompression [LTG±09].

Decoration [AL98]. Decoupling [Ml94b, MQACB08, RDP±02, vdMLB±11]. decreased [GGCM17].
dedicated [Kro05, ZDP±16]. Dedication [An06a, An11a, DCBS98, MLB±10, MTD±09, ROY13, Row08]. deduced [SSY±05]. Deep [AN06, ANS±11, Ano95b, Ano96d, Ano96f, Ano96g, Ano97b, Ano97c, ADGA06, AL13, BOC18, BHMK08, BS06, BCE18, BT98, BBR±07, CKFC18, CC00, CM16a, CSGV13, CBZ±16, Dai18, DFW±21, DFA±20, DKS11, ENM±16, EWA±03a, ESL±10, ELG±22, GBB±17, GAL±20, GSL±98, GGI03, GC18, HCBL±17, HD17, HIK±08, HII±20, HSD04, JTT±04, JAP±13, LK98, LLM±03, LAT±18, MA15, MA18a, MA18b, MSF±22, Mar18, MCS±03, MJG±13, MMDS18, MAA±05, Mun16, NGF09, PK13, PNLFS03, RJV±05, RHHK±11, RSCFT±16, RBP±94,
RK08, RDC⁺18a, SSY⁺05, Sha01, SS09, SSK⁺07, SV09, Sig17, SLM98, Sor99, SS99a, SMGB03, Ste13, SC15, TCJ⁺11, TPS⁺15, VSGM03a, VG0V09, WLD15, WBM⁺10, WJD⁺00a, Zar16, ZGGF22, AM22a, ABG⁺20, Alα13, Alα18, ALSF⁺17, ACP04, AAG19, AGW⁺13, AL14, AHK99, AKHR⁺20].

**deep** [BMHR08, BN97, BMS⁺18, BTP⁺18, BBL⁺13, BMD⁺17, BSS⁺17, BCN⁺16, BCN⁺17, BGOL01, BGCH20, BM17, BFT10, BDL⁺14, BW99a, BBE⁺13, BKY⁺17, BMOW09, BSJ13, BFL00, BS00, BL04, Bor01, BEZ⁺22, BSS⁺00, BSB⁺99, BG10, BBMB04, BE09, BEB11, BW14, BM15, BS⁺13, BSSE16, BCB07, BRB⁺13, BWH⁺17, BBW⁺15, BLI⁺09, CP13, CRS⁺19, CB18, CSW⁺17, CHL⁺15, Che13, CP18a, CP22, CMAO⁺12, CB00a, CM00, CHG15, CHV⁺15, CAJE15, CBMM15, CRR01, CG04, CMVS⁺10, CG15, CRD⁺17, CHS17, DMS⁺10, DWG⁺15, DCL⁺09, DCC⁺13, DGT⁺17a, DRRBC16, DRBM97, DZL⁺17, DC08, DDB⁺17, DCA⁺98, Di 10, Dia04, DFD⁺11, DQC14, DFJ18, DAGK⁺17, Duda06, DBH⁺20, ESG⁺17, ETP⁺16, EBDL08, EWF⁺18, EP18, FMZ15, FHR⁺11, FVW08, FB14, FDR⁺18, FYS⁺17, Gag04, GMR⁺09, GTCS08, GBC⁺13, GKH⁺07].

**deep** [GLBB11, GSW99, GBP⁺13, GPBV⁺07, GCKC07, GRSW00, GAHD⁺17, GB001, GK16, HKR⁺01, HDK08, HPWP07, HZS00, HCC13, Hl04, HAP03, H099, HRM⁺18, HWS⁺07, HDW⁺20, HHR⁺08, IAKT17, IARR01, IKR⁺12, JZ01, JTW00, JR11, Jaž15, JLB15, KBB07, KBK⁺18, KBG⁺10, KB15, KWA⁺20, KCTG16, Kel10, KJB⁺08, KDMH18, KGB⁺14, Kha18, KCD⁺17, KBSS93, KFS⁺17, KMA⁺18, KSDE16, KN09, KFTE14, KHL⁺01, KW00, KOR06, KGHA⁺01, LVJC17, LRGH⁺05, LsdC⁺10, Las93, LLC17, LOB⁺09, LRN⁺14, LMA08, LEP14, LPPC⁺10, LGQ99, LAPL⁺16, LdSN⁺18, Lm04, LzB96, LZZ⁺22, LB14, LRTS01, LNHD⁺17, LWGS00, LSM96, LSO16, LDSV98, Lut15, MWS⁺15, MB⁺10, MTR⁺10, Mal04, MB07b, MB07a, MGE13, MFB18, MB18, MBP⁺20, MS06a, MP17, Mar13, MNN10, MSW⁺13, MRP⁺17, MBD⁺17, MLBB14].

**deep** [MM15, MMN10, MBMGG08, MTDK98, MS11, MC15, NNM⁺17, NRH⁺06, OGC⁺15, OBRJ01, OKH⁺22, ODP⁺17, OBKA17, OGG⁺20, PTO⁺16, PK08, Pap05b, PPM⁺17, PTD⁺17, PGC⁺11, PBG07, PFdSG11, PPI3, PL00, PSK00a, PSB14, PFC09, PPFS17, PKZ93, PCB⁺17, PGK15, PCP⁺17, PFD⁺16, PRB⁺11, PDS⁺17, PGZ⁺09, QED⁺14, ROB⁺17, RBDO17, RHD⁺11, RSR⁺19, RHW04, RMWB07, RRT⁺17, RDV⁺09, RSW⁺13, RvAH10, RE98, RGHN⁺07, RF99, RS15, RIHSG00, RVGF02, RAF⁺14a, RA⁺14b, RC⁺17, Rog00, RSS01, RSDV⁺09, RVD⁺10, RWN⁺08, RMNB08, Row13, RPZ⁺14, SMA⁺17, SGPD⁺14, SL⁺09, SDBD09, SI09, SGB05, SBS⁺00, SBB⁺17, SvLM95, SFV⁺01, SE07, STFL⁺13, SKD⁺16, SDT⁺17, SFV⁺08, SNPS01, SBH01, SK07, SRS⁺15, SSS⁺17, SNS⁺07, SO98, SNB02, SC16, SAW16, SSI19, STD⁺20, SMB⁺98, SMB⁺13, SVKT20, SP00, Sot09, SN04].

**deep** [STR⁺14, STWW01, SGP⁺11, SJSI00, SPH⁺08, SAL95, SNK07, TBC⁺17, TCM⁺22, TTW⁺05, Th01, Th98, TH99, Thu06, TMP⁺13, TKP⁺20, TY98, UIS⁺03, VPA⁺09, VK04, VKGP⁺11, VMB17, VALM17, VHM17, VSR⁺10, VFFM13, VGD14, VWT18, Vri09, Vri13, WSS⁺08, WTS08, WF13, WB09,
WWL02, Wat09, Wea93, WST15, WGST08, WACGH11, WAP+18, WAM+18, WS11, Wil98, Wil58, WTA+18, Wit00, WC02, WL02, WPFB11, WPSSB11, WPB11, XSL+17, YCN+10, YBRT17, YLG+18, YERT13, ZBC+13, ZLZ+15, ZJFV15, ZWZ18, ŽSN+18, ZdB+07, vCHM18, BDG+04, BRSB16, JDBP+05, QNL+16, SA15a, CDB94. deep- [HHR+08, LSM96].
depth-benthic [HDK08]. deep-current [Wea93]. deep-diving [SMA+17].
depth-ocean [BKY+17, BMOW09, Dud06, HDW+20]. Deep-pelagic
[C5GV13, SPH+08]. Deep-Sea
[AN06, Ano95b, Ano97b, Ano97c, ADGA06, BS06, CC00, CM16a, CF+16, DTWW21, ENM+16, EWA+03a, GAL+20, HiII+20, LLM+03, MAA+03, MA04+05, PNLS03, RYJG+05, RSCF+16, RDC+18a, SSK+07, SMGB03, VSRM03a, WJD+00a, ANS+11, Ano96d, BCE18, BT98, BB+07, CKFC18, DFB+20, ELS+10, ELG+22, GBB+17, GBSL98, HCB+17, HD17, HIK+08, JTT04, JAP+13, JK98, MA15, MA18a, MA18b, MDD08, NFG09, RBP+94, Sha01, SS09, SV09, SLM98, Sor99, SC+15, VGSV09, WBM+10, AM22a, Ala18, ALF+17, BN97, BMS+18, BBL+13, BMD+17, BSS+17, BCN+16, BG01, BBE+13, BSJ13, Bor01, BEZ+22, BG10, BB04, BE09, BEB11, BM15, BSW+13, BRB+13, CRS+19, CB18, Che13, CP18a, CP22, CM00, CHG15, CHY+15, CAJE15, CBMM15, CG04, CRD+17, CHS17, DCL+09, DCC+13, DRBM97, DZL+17, DDB+17]. deep-sea [DCA+98, Dia04, DFD+11, DQC14, DFB+20, ESG+17, EBDO8, EWF+18, FMZ15, FWV08, FB14, FDR+18, Gag04, GTSC08, GSP+08, GPBV+07, GBO01, HKR+01, HZS00, HC13, HRM+18, IARR01, KB07, KBK+18, KBG+10, KB15, KWA+20, Ke10, KJB+08, Kha18, KCD+17, KFS+17, KSDE16, KFTE14, KHL+01, KGHA+01, LVJC17, LRGH+05, LOB+09, LRN+14, LEP14, LSN+18, LSL+22, LB14, LKTS01, LNDH+17, LSOM16, LDSV98, Lut15, MBI+10, Mal04, MB07b, MB07a, MGE13, MB18, MBP+20, MS06a, MP17, MNN10, MRG+17, MLBB14, MTD98, MS11, MNM+17, OGG+15, OBRJ01, OHK+22, ODP+17, PTO+16, PPM+17, PTD+17, PGC+11, PFDG11, PS14, PPSF17, PCB+17, PCC+17, PDD16, PDO+17, PZ+09, ROB+17, RBDO17, RHD+11, RBM07, RRT+17, RVD+09, RSW+13, RE98, RIIH00, RAF+14a, RAF+14b, RSS01, RSD+09, Row13].
depth-sea [RPZ+14, SL+09, SBDB09, SB99, SBS+00, SSB+17, SE07, STFL+13, SDT+17, SFV+98, SK01, SRS+15, SNS+07, SO98, SC16, SAW16, SSI9, STD+20, SBM+13, Sot09, STR+14, STW01, SNK07, TBC+17, TMP+13, TY98, VKGP+11, VALM17, VHM17, Vri09, Vri13, WF13, WB09, WACGH11, WAP+18, WAM+18, Wi08, WTA+18, WL02, WPSSB11, XSL+17, YLG+18, YERT13, ZBC+13, ZLZ+15, ZJFV15, ZWZ18, BDG+04, SA15a, CDB94].
depth-seabed [LCC17]. Deep-water
[BOC18, Dau18, GC18, HSD04, Ste13, Ala13, AAG19, BM17, BFT10, BW99a, BL04, BSSE16, BWH+17, BBW+15, CP13, CMV+10, CG15, DMS+10, DRRBC16, DI10, EP18, HAP03, HWS+07, Lin04, MWS+15, MTR+10, MB+17, MBM08, PBG07, PFC09, RS15, RVD+10, SGPD+14, SAL95, TH99, VSR+10, VFFM13, WTS08, WST15, WGST08, YBRT17].
deeper [BPBJ13], deepest [AM15]. DeepLev [KWA+20]. Deeps [JSWB21, KGB16]. deepwater [AM18, AD08, JD08, MB08, ZRC+11, Joy16, LLG+16, PFDD16, SEM16, SAW16, ULTL16, WZL+16, YNG+16, ZA16, ZJA16]. deepwaters [ZA16].


Delmarva [CWFP94]. Delphinapterus [EF98]. demand [CBW01, CBA+05, HMC09, HLM+01, MBC+09b]. Demersal [BMH08, MRRM09, NHBMP10, WPF11, CJA+06, CSCP13, CLJ+13, FVV08, KBFH14, LCL+22, LAJP13, MG13, NSWY20, PKHH17, PDB+20, QSA+09, WBD17]. Demography [CAJE15, HKN+04, KNV+10, PTS01, SKW+04]. Demospongiae [KGB+14]. denaturing [RSF+99]. Dendrophylliidae [ROC+21]. Denison [HGM+11].

Denitrification [GBG15, SSR96, CD09, CCK+16, FI02, HBT+08, HWS+13, SWC09]. denitrifying [BRM18, GKB+18]. Dense [BH94, AGP+20, GOC09, JCP+22, OGC09, PHOM09, SHB02]. densification [You10]. densities [DLW+17, SN00]. Density [FHvFM08, dSG09a, BLB+11, BGB08, BASL04, BSL08b, CTW+15, CAC+97, EW99, HSTB19, HKN+04, KOM17, KGE+04, LPK+17, LLM+17, NCSB+98, PBL+17, PO15, WC06a, YBC+17, ZFP+16, ZWJ+19].

Deoxygenation [WREC18]. dependence [SO98]. dependent [BMHR08, DVS+14, OLP+20, Pör06, STS+15, TCG+18]. depicted [PMLM+02]. Depleted [CHL+15, SNK07]. depletion [BL98, SVS93, TYBY06]. deployments [ACD+17, MC06]. depocenter [ARK+94]. deposit [DBH+20, KME18, MDT08]. deposit-feeders [DBH+20]. depositing [OMY+03]. Deposition [CG18, DTB+02, CKH+05, CLGM05, DBD03, GRD+08, IGN+10, LKH+07, NVB08, PSK00a, SHD+14, SBD05, SZG+13, SKM14a, SLB13a, TMP+19, TBA+02, VKGP+11, VM01, ZEB97, dSJb+11]. depositional [Cha03, DBJ97, GMC97, HMLS+06, KSB+03]. deposits [CH07, GPK02, LCK+18, PTD+17, PCB+17, Sch07, TBC+17]. Depression [WB03]. Depth [CSL+07, DKT+01, LBR+08, ZWL+22, ARB+13, BRJM18, Ber01, BSJ13, BRBD17, Cdst+17, CBHF10, CG04, CP05, DBBWH20, FHvFM08, GGRW99, GHIM04, GHG+04, GG02, GARVK04, KCM+14,
LG09, LB14, MS09, MHA+15, MWB+09, NDE14, PDB+20, QW15, RPS+11, RLB18b, SLB18, SIFS10, SVS+20, SHW+16, SWMB10, TR02, TLSY11, TCEF07, TMD+13, WEB93, WSB08, WHLR13, Yu03). Depth-stratified [LRB+08]. depth-wise [BRJM18]. depths [CPF+14, CDDC03, EGMB13, FC09, HTDJ13, JLL+13, Kam13, NBCT13, PDY20, RJT11, SW09, SM15, SLM+20, SHM+11, SCPC08, TNT+15, YWI+02]. derived [ACBV+18, AZYT16, ATN+12, ASF102, BS01, BSM01b, BB03, BTRL09, BAH+95, BBA+98, CFCR07, CC15, DGR19, EPPR09, FHYI03, GHB+05, Gr¨u99, HLG+21, HSR+22, KL06, KK20, KMG+20, KLKB95, LMvDA16, LLH+15, LBY+10, MS12, ME02, MSTA07, OMS06, OEW06, Osc01, PG18, PDS+17, SR08a, SSHB03, SP09, SJ00, SP06, VMM+08, WPSB11, BE00, LTG+09, SMLP04]. Deriving [LW04]. Desbruy`eres [DCA+98]. describe [ZRG16]. described [AM15, ADGA01, AGP05, ADG+08, LB98a]. Description [BCNS15, MGE13, Ala15, Ala18, BBAL+20, BVLO4, BSCE15, BBW+15, CKFC18, CSE+22, CB18, CP18a, CP18b, CPM+18, CBMM15, ELG+22, GUSB03, Gol15, GMB18, Gol18, HS98, HDGM19, KB15, LC03, MFB18, MB18, Mar18, MM15, MBOvL08, NCK+22, OBH+18, PBB+13, Ste13, SC15, VWTK18, dMGPT+14]. descriptions [BBT+18, DAGK+17, GM22, Mal15, MG22]. desert [BLS+08, RHL+22]. design [CJF+98, DTJ+14, DKC+17, HWP+11, IMG+19, PWL07]. designs [PSK+14]. desmosomatid [BBT+18]. Desmosomatidae [Gol15, Gol18].

despite [BJF16]. destination [KL06], destinations [GMD07, SSB+06].


determine [BLS+07, DBN+11, KCTG16, SAM96]. determined [BD000, BMRTL93, BHBC08, HHKH+04, KMDW01, MF93a, MLS+15, MYN+96, NCSB+98, RJDR06, RVZ02, RFB03, SISA+02, STWW01, TRM+15, Wat09, WWB04, WvdE00, WvdEP+10]. Determining [GRC+03, SJL05, WLT20, GMK+08, VM01]. deterministic [FSL+01].

detrimental [WTT+20]. Detrital [SBG+98, DBH+20, NAT+12, SMCA01, Sch07, WCB98]. Detritivory [MSJS08]. detritus [ATN+12, Heb00], RBP+94, SSV02, VD98].

detritus-rich [VD98]. develop [BY09]. Developing [AH17, IMG+19, RDW+12, RWR+02]. Development [Anot14, BKST13, CLF+09, CFZ+18, KUN10, LWSA08, MWS+15, MGT16, PZL+09, BSK+97, Bo08, BM07, BSH+11, CDP+02, CGD+15, CM01, Da04, DPK+14, DKP+14, DTJ+14, DCC+01, GGRJ+10, Gou00, HSH02, IABR+17, KCMA05, MPM+16, MBM+17, MXC15, NLDJ14, PH19, PDK+14, Pee07, RPA07, RFF+02, SSHB03, SFV+98, SPDW19, SSR+14, SMSA05, VPP07, WTS08, WW04a, WGN15, WNR08, ZQW19, vdLEM+14].

developments [DCA+98, XGF18]. deviations [BW99a, SLB13a]. devices
[LMLC^+17, OLP^+20]. **devising** [HCJ^+22]. Devonian [Mas02, Sch07].

**DFADs** [LMLC^+17, OLP^+20]. **DGGE** [RSF^+99]. **diagenesis** [Cha03, HMB^+96, HML97, PTD^+17, PCB^+17, TBC^+17].

**diagenetic** [FSCC07, GPBV^+07, WOM^+16]. **diagnose** [RN06]. **diagnosed** [SMS^+07]. **Diagnoses** [KM05b]. **diagnostic** [PHH^+06, SGB^+02].

**diameter** [PFW^+09]. **Dianeutral** [You99]. **diapause** [PTWM12, SD06b]. **Diapir** [WMB^+13]. **Diapycnal** [MD06, Thu06, MPHF02, SF11, TPD^+17, PCB^+17].

**dialable** [PCB^+17, TBC^+17]. **Diatom** [KLD21, LXWC21, RHPC^+19, TSOT16, AWL^+09, ATJ05, AGPR95, ACBMQ08, BNFS01, CCH95, CHR97, CSS^+02, FHR^+14, FGW02, FAMY20, GPK02, KOS^+16, KPPL00, KNB11, MPC99, MZR^+95, MGC^+14, MGG^+09, OTK^+05, OSHB07, OTH05, PA95, RMP^+17, SBL^+08, SKMDR02, SSLA95, SKF^+10, TVLBO8, TGF02, TSN^+06, TIS^+13, WSL07, WLH^+16].

**diatom-bound** [CSS^+02]. **Diatoms** [ACQ^+08, BLS^+08, KT02, MQACB08, OA11, PMS^+07, RCW^+15, TMC^+14, TK05, OTN16, ASV18, BTV^+11, CLT94, DCF^+11, GTKKB14, KT02, WN01, Yal01].

**diazotrophs** [RLD^+15]. **diazotrophy** [HWP^+07]. DIC [ZQ97].

**Dichromadora** [VVV04b]. **Did** [LSS^+11, WZL^+16]. **die-off** [WTI^+20]. **Diel** [BD02, DN97, DPS^+11, GFPM02, HHH01, KMD^+99, LS10, LOFC00, MBMM^+99, TBT05, YOK^+10, YXC^+19, AML01, ABC^+05, DO96, GGRW99, HA10, KL03, MHS01, SW01, TLKT00, WCRG95, WZZ^+19].

**Diet** [DBMI17, WBD17, CTW^+20, FHAH16, GBH^+17, JH04, LT02, MMID17, MP^+17, MZ00, PWFB11, YKO15]. **Dietary** [BOB20, KY17, SLLT10, TCEW07]. **Diets** [HBJ02, PKHH17, BTR20, CMH09, DSG^+09b, GBP21, JH04, KBSS93, LTS^+13, LLW01, MPJ^+13, RMD^+12, SJST13, WGST08].

**differ** [CD20, LCL^+09, SCD^+22]. **Differences** [BLH05, NDC96, PRMM^+17, SLB^+15, APMN^+17, BE00, CL06, FLN01, FGW02, FBBW^+10, HCG^+09, KWW^+12, OMAA18, PABH07, SLP^+17, TPW07, WL20]. **different** [AGGdC14, CNB^+09, CRP06, DB02, FKW01, HSO04, HSC^+07, IUdV^+12, JBS^+10, KCD^+17, LYN^+13, MSF^+22, NVBJ08, NED09, Peo97, Pro90, RDP^+02, RAC^+20, RCKK07, RNP93, SLM^+20, SHY^+08, SLB^+16, TMH^+08, TGA^+09, TNT^+15, WZB^+14, ZJH08].

**Differential** [BFM^+14, ODCP98, Hol06, TLKT00]. **Differentiated** [GLCU^+17]. **differentiation** [AMMM11, RMB18b]. **differing** [IBD10, JTW00]. **diffuse** [MTB09, MS18, MSNL09, NLSL09]. **diffusion** [Hol06, MP^+16, SF11, Sva96]. **diffusive** [DRBM97, FK01, GRSW00].

**diffusivity** [DM16a]. **dilution** [HKSV11, LSS^+11]. **dimensional** [Bas95, CDP^+02, CWD^+10, DFMW13, DW15b, DP02, DNN96, DBC^+02, FNYK02, GSK02, GWP^+08a, GFW07, GGC03, HKMS03, KB99, KKUK10, SOW01, TMC04, WC06a, YLH^+10, ZLOP02]. **Dimethyl** [BAR^+02, AGN^+02, TNBL95]. **Dimethyalsulfide** [BTB^+08, BMML06, BABB08, BLD^+02, Hat02b, SGA97]. **dimethylsulphonylpropanionate**
[ASN+02, AGN+02, ASH+11, BLdM+02, JFK+10, MBK97, SGA97, TNBL95].

Dimethylsulphoxide [HTML98, BLdM+02, SGA97]. DIN [HWS+13].

Dinitrogen [SKGD14]. Dinoflagellate [RBCG10, SAG+10, Zon97, ADE22, BFG+10, BFK+14, DLG+14, DPS+14, FRBB10, KCA05, OM14, OT10, PTD+14, SAKP+22, TBT05, TMTR14, ZB00].

dinoflagellates [BFZ+10, FGB10, GTTKB14, VSS+93, WZ+14, Ya01]. Dinophyceae [GKQ+05, TFR+10].

Dinophysis [dSVC+14, FVSRR14, VSGGPR14].

dioxide [´ARR02, Ano96g, BDB97, BMK96, CCW+08, CMW+05, COJ+09, Dan95, FdBGP11, FCA04, GCS+12, HNRGL06, Met09, MDO+98, PDE+16, RPFO1, RW95, SCGDLO2, SCGDU09, TNIW02, WTL+06].

diphenyl [CHW+12].

Dipole [FM03b, MV19, RBMY02, RTM14, RNR20, TPW07, VHT+20, VIY02, BHHM+12].

direct [BHAL13, FKH13, HO99, PBGCD+13, vHHH+11, BL06, NR00, RG13, SSY+05, SJM02].

direction [EBG+11].

directions [ASBR17, BMR+14, LWWF18]. disaster [ULTL16]. discarded [BSSE16, KSDE16]. discharge [AIW03, BS21, GOC09, NGF09, OGC09, PFC09, SCL+04, SLS+09, SEM16, ZG15].

Discharges [AAW+16, OCP18, PFAZL09, VPA+09].

disciplinary [BG09b]. DISCO [BAR+02].

DISCOL [TSA+01].

discordance [MGK19].

Discospirina [GAJ+13].

discovered [MCH+13, SDGH14]. discoveries [BOC18].

Discovery [FYS+17, AGW+13, XSL+17, TWA+12, MAH+12]. Discrete [SRBR05, RLVF02, SHM+11, TRM+15, ZJFV15].

discrimination [BWWG98, BGMH01].

discussion [AM22b].

disequilibria [CCZ+21, VMGO+09].

dissimilarities [ACH02, MES97, SKC99, TTLP06, VMM+08].

disjuncta [GK16].

dispersal [BW93, BY09, CRP+05, HMSMK04, MS06b, TY98].

dispersant [DRRBC16, PPS+16].

dispersants [SKD+16].

dispersion [ABS+14, Ben13, DL01, MRL01].

displacement [You10].

displaying [BB04].

disposal [BMOW09, GKA+16, JBD+09, SC16].

dispersed [EFR+16, KCTC16, TD16].

Dissesta [MN10].

dissimilarity [KMD+11].

dissipation [Fe06, HLNO96, MW05a, SBB+05].

dissipative [SN04].

Dissolution [And00, MH+95, BJF16, Che02, GRD+08, KBV+97, MS06a, Rai11, SBL+07, VQ97a, VQ97b, WSL07]. Dissolution-affected [And00].

dissolution-generated [Che02].

Dissolved [AIW03, CD95, CHN+10, CMB+97, DASCOP02, GGM+16, KBLA97, KNK15, KLM+11, LRGH+05, LMM+17, MV01, MHHF15, MsvDNL11, MvDBL+11, PCB+00, PBNF+16, PSF+07, SdS01, SvdMC+16, SBD05, SGA97, VCR02, WDC+15, ZLJ08, ARC02, BC11, BBHO5, BW+98, BA10, BWD20, BDO00, BCG04, BL96, BSL0Sa, BSS15, CFJL96, CHP300, CZVR02, CW97, CBS11, DB05, DC00, FI02, FCW+15, GWZ16, GBL+08, GLSK+17, GGO+14, GMC+12, GCN+97, HMW+15, HVN02, HCRX16, HCG+03, HWC07, HLM+01, KAI21, KMSM11, KMD+01, KTF07, KL+19, LBR+11, LGC+12, LFC16, LSC02, MMS+16, MDB98, MHBO5, MGBR+15, MGd+10, MBS+13, MCJ+99, MBTM97, MC13, MLS+15, NOD+09, NESB+15, NTS+11, OUK03, OENB01, PW15, PDE+16, RT14, RZL+10, RGS+97, RSB+15, SSUB15,
dissolved [WSLC15, YCN +10, YET06, YOI +09, ZZZ +19, ZWQ +19, ZFA +02, vdMLB +11].
dissolved-particulate [RSB +15]. Dissostichus [SHC +22].
distal [BSS +17, CRD +17]. distance [RLB18a, SLM +20].
distance-to-coast [SLM +20].
distances [HPS +13]. distinct [IUdV +12, KGB +11, LRN +14].
distinction [Car07]. Distinctive [KAHS +20].
distinctiveness [BH08].
distinguished [BLS05, YFY +10]. Distributed
[CGT +19, GMCF19, KCO +19, SBB +19, KGB +14, MK +19]. Distribution
[AAG06, AD08, APT +11, ABC +05, ASV18, ADGA01, ASFI02, ARW +04, ADG +08, BLB +11, BMH08, BDM +03, BSL08a, BCH +11, BTC13, BSSE16, CHW +12, CPF +14, CHT +13, CDA98, CBS +01, CAGLV +06, CHSVB +19, DC12, DB97a, DONF08, DGB +98, EGMB13, ERB +99, FHT +14, GKQ +05, HSS +18, HML99, HK07, HP08, HK10, HSY08, HRM +11, HZW16, JKL03, KRW03, KM98, KT02, KIM08, KTF07, KSS +00b, LGP +03, LB18, LHZ +16, LWB +20, LW10, LMF +21, LLM +02, LLM +03, MS06a, MC09, MHA +01, MBM +00, MTBM97, MTM +13, MZH16, MHH +14, NTH10, NEN +07, NCSB +98, OMG +11, OUK03, OGBF08, PS04a, PMJW10, PPZ93, PNH +00, PC08, PGP +13, PFG +03, PNC +06, PHKW10, RCM +17, SRS +20, SVJRSON04, SvdLM05, SC14, SSV02, SSW05, TGA +09, TDvdE +10, TSSR20, TIS +13, VJP +10, VGBGPA02, VLR +02, VHC +17, WCC05, WPJW96, Ya01, YET06].
Distribution [ZZY +19, vdLCS +11, ALWW04, AWL +09, Ala13, ACG +01, AKK +14, AJG +10, ATLD +20, Ano97b, ALR +14, ADGA05, ADGA06, ACG +17, AGD96, AAL +17, BGIJ +06, BJK +22, BMC99, BLSW05, BHMCO5, BBH05, BSS +17, BBM +08, BWS +98, ByGH +17, BFT +97, BPM18, Bla94, BRB +18, BSRB17, BLM +02, BWC +02, BHS +17, BCB07, BMK09, BFS +17, BJ15, BDB +01, CAMA +02, CBMR +09, CTW +15, CFL +99, CRDP02, CRNF06, CS13b, CRO4, CHFP10, CWS05, CBSS02, CHN +18, CSF +12, CSG +13, CSS +10, CMTS97, CP02, CP05, CBK +07, CHH19, CBRS03, CRHR7, CBPT05, CAOT04, CBS11, CRI18, DEJ08, Dau18, DSN +12, DADA +14, DTWF17, DLZ +17, DWM +19, DMC +01, DRVV +14, DRR17, DLL +15, DRL +19, DG18, DC06, EZB +20, EEAA +19, EEAC +20, EWA +03a, EWA +03b, EPDR09, ETD +11, FBP +14, FLTV04, FLTCV10, FVW08, FMO02, FWC +12, FSK +02, FUGG +09].
distribution [FCBD08, FWZM12, FZW +13, GGF +08, GRWW01, GZGH22, GASGB +14, GCR +02, GWR93, GR10, GBPB +13, GTMG +10, GRWW00, GB +03, GWP +98b, GKBG17, GLMB18, GBVG +02, GOP +01, HZL +12, HMM +02, HPY +15, HCWW00, HHNK +04, HHHK +04, HWTN22, Hug14, HPM02, HKRB14, JB01, JM15, JT07, JKK +10, JAP +13, KAM13, Kam15, KOM17, KFP +03, KMSM11, KSL +04, KNV +10, KBSS03, Kla97, KMK +20, KMK +20, KMK +20, KFK06, KOT +20, KEPZ93, KH10, KL13, KRLH14, LCVV06, LPA +17, LAB +17, LWA +04, LWSA08, LWS08, LQF +02, LDHO +14, LAP +17, LI00, LGC +12, Lin04, LL14, LS10, LRD18, LB +20, LFC16, LDD +97, LCR +96, LTT +00, MTGY05, MB18, MGHN01, MMY +20,
drawdown [BWL01, DVPR06]. dredged [BMOW09]. Drift [HB03, TLW+94, CMK+18, GMCR18, HHW+08, HSH+08, Hen19, JWS01, KHL+15]. Drifter [BLO04, HRT14, MC06, STP+16]. drifters [AL08, BTRL09, DB+16, KLM13, NLHB01, Ric05, SLP+09]. Drifting [SSH+11, ETDB11, HKSV11, HSM11, HP08, KRS+11, LRH+11, LMLC+17, MRE+11, MYN+96, OLP+20, PFW+09, RVS11, REWH11, SLS+07, SRH+11, SRB+11, SHM+11, SS+11, Smi11, VSC+11]. drill [JB17, JBD+09]. Drilling [Ano07d, CTT09, DPK+14, DKB+17, NLDJ14, NGF09, PDK+14, PFC09, PSP+09, PFAZL09, SLS+09, TZ09]. drive [LLD+17, LPD+17]. driven [BMRP02, DBD03, KL13, LLR+06, LG90, IWSZ13, LPM+19, LAT+18, MBNB+08, MSF+22, NR00, OUJ+19, RG93, SDT+17, WCL22, ZPG14]. Drivers [ADRS19, JRJ+22, AZK+20, AAL+17, CD20, CS20, DCC+13, DCSV19, EFR+19, GDAMS19, KCMT+20, LRDS18, SLdB+15, SNFK20, SFH+18]. driving [MSM+02, PPA10]. Drygalski [VT09]. DSI [RdGM+09]. DSV [RSH10]. dual [SHL+11]. dual-tracer [SHL+11]. due [CV17, EGG+05, EBDL08, JZ01, MLP+10, SMB03, WSP19]. dump [KPP100]. dumped [BKS+16, EB16]. dumping [KGB16]. dumpsites [BSE+16]. duration [ROC+21, SD06b]. during [AST+05, ATJ05, Ald95, AR02, AAMF+02, ACFS02, Ano95b, AKK+17, ANI09, ASN+02, AGN+02, ABS+14, ADAM02, ASFI02, ARW+04, AGP05, ACG+17, BSM01a, BSMV03, BCI02, BCH+96, BRG+19, BDB97, BSL+96, BMB+01, BMGF93, BMCF97, BPRS11, BBL+13, BC03, BLO04, Bec97, BS01, BTR95, BDM+03, BSL08a, BCH+11, BCVD02, BA02, BZMC20, BFM+01, BGDT11, BLO+17, BRSW95, BGH99, BA01, BGS+08, BND+04, BRPI02, BY09, BLB+99, BL01b, BLC+02, BMT20, BAH+95, CAMA+02, CRD01, CAS+16, CW22, COS+16, CTBN108, CD99, CRDP02, CRF04, CAFK03a, CRP+05, CMG+12, CLS15, CW02, CP22, CMA+12, CGR+96, CWEHT22, CDA98, CFK05, CFS09, CRM+16, CSS+22a, CPEN08, CMRL11, DMJ03, DD95, DN+16, DR06, DPS+14, DSO+97, DKN+97, DC00, DCM+99, DB97a, DDL06, DSN+20, DO01, DOB+01, DLL+15, DZ08, DSvR+18, DTP+05, DI00, Dri09]. during [DKQ+93, DQC95, DC06, EBS99, EBB+08, EHK09, EWA+03a, EWA+03b, FPLL+08, FLTV04, FLM10, FFAH16, FLTV97, FW+95, FWC+97, FMO02, FWP+07, Fig02, FSP+16, Fir96, FK98, FSK+05, FS02, FG97, FMH+02, GMK+08, GBH+01, GSMB01, GEP+16, GCR+02, GW93, GG98, GG93, GdGR+14, GGLP02, GHIM04, GBC+05, GHM+12, GJC98, Gra09, GB10, GCB04, GMMS05, HNW+08, Had11, HdgVGM02, HSBL01, HS96, HOD+09, HSS+12, HVWH90, HTS+09, HVD+11, HMS+13, HMW+15, HML99, HZL+12, HMH+02, HAGW+13, HMAW11, HKN+04, HAP03, HDCM95, HKP10, HSK+00, HHP04, HXC+22, Hus16, HKY+16, IGN+10, IOTS16, IF95, IHSS+10, IHI+97, ITMG18, IPH+17, Jac95b, JLR+13, JWS01, JR04, JFF+10, JTDG13, Joy16, JH04, KF95, KBLA97, KB99, KJL+17].
KGE+04, KSH+09, KWN+09, KT05, KRF01, Kem94, KFF+94, KSH12, KMM+08, KY10a, KY10b, KYKJ16. **during**

[KUN10, KT02, KIM08, KLD21, KDG+97, KC04, KNC+09, KCL20, KRG+01, KHE+11, KN+08, LWO+09, LUV09, LDV+02, LB08, LCK95, LBC+08, LCvdM+16, LB98a, LJH19A, LCS+06, LSS+11, LMG93, LSM+06b, LTW+11, LDH193, LL95, LDGH16, LCL+08, LLK+09, LDFS93, LAF+02, LBB+06, LLK+05, LSS+07, LAT+18, MGHN01, MGR+03a, MBHP99, MB15, MMHB98, MSF+22, MT15, MSK+06, MJW+06, MSJ+06, MFG+93, MHP+05, MDSA19, MK+20, MGNN96, MGNN99, McP08, MJG+13, MGK+16, MAB+01, MLS+06, MBK97, MSH15, MAA+04, MAA+05, MSH+07, MMG+09, MG+98, MGS+99, MGY+01, MMG98, NOT+09, NKF+10, NMK+20, NMW+09, NK+08, NKK+00, NLS+10, NTH10, NTK+09, NK+05, NKF95, WPW95, WABW02, WLD+06, Wir94, WRBS10, WNN+02, WTL+06, WJS+06, WLC99, WMA11, WSL+11, Yal01, YOK+10, YOO+10, YK16, YNG+16, YMC+22, YCA+20, YZZ+16, YOT+09, YKJ+15, Ze+01, ZDWR95, ZZZ+16, ZZP04, ZA16, ZDBG05, ZG15, dBC+09, dSEDW11, dSS+01, vAVV+03, vC97, vGTG+00, vHHI+11, vdLCS+11, vdMLB+11].

dust [DLF+09b, GMC97, HZK+05, PMLM+02, SBD05, TP99, TPGCCS+02, VM01]. **dweller** [DCA+98]. **dwelling** [BMS+18, DSD12, JAP+13]. **DWH** [QL+16, HS+16, YSWJ16]. **DYFAMED**

[Avr02, BGG+09, GG02, Mar02, MCPA02, MC02, BCM02, CMB02]. **DYFAMED-BENTHOS** [GG02]. **DynaLiFe** [AA12]. **Dynamic** [JBBW12, NESB+15, RHL+22, AA12, AM07, BLH05, CWE+17, DDS11,
GGC19, HYMD11, KG20, LBB11, NSH+10, TWA+12, TCG+18, WZW+22]. Dynamical [Go93, CHH+21]. Dynamically [PCH+22, HKC+21].

Dynamics [ASN+02, BCO+96, BLB+02, CH19, GTTKB14, GSF+19, GSF+20, HWCT04, KIY+05, MWB+09, NMK+20, PTP09, PWJF20, SNIT02, TSS+19, TFR+10, UWTS09, WBMLO6, XGL15, YOI+09, YH10, APMN+17, ADRS19, ASK+05, AJG+10, AMP+03, Avr02, BSG+11, BS03, BH19a, BTFB12, BMS+04, BG+09, BH99b, BFF+10, Bre93, BM07, BFK+14, BLB+99, BLK+02, BTUV08, BNFS01, BBD+03, BAD+14, CDS96, CHPS00, CPH+13, CPH01, DD95, DHW98, DI 03, DLL+15, DK96, DQ+14, DWJ+15, DOC01, DLB02, DKQ+93, DQC95, ESAG10, EMW+08, FMS08, FHY03, GOD+01, GLF+03, GMM+20, GGM+16, HT01, HTTS12, HVVH09, HCAK17, HWCT08, HH05, HCRX16, HZL94, HO11, JCF+06a, JCF+06b, JLR+13, JMM+13, KTP+20a, KTP+20b, KMMS18, KY110b, KMO09, KND+08, LSB+02, LBR+08, LPM+19, LTS+97, LH15, LL13, LPPK14, MTGY05, MBNB+08, MPV+11, MLH14].

Early-diagenetic [MCPA02, MGN99, MLG+02, MLS+06, MWT+17, MMJ+03, MWFS17, NMH+06, NKD+08, NKB+95, OCR00, OPB15, PF04a, PF04b, PLRV22, PLT+13, VWK+20, PWH05, PPT+10, PLPS98, PPL+07, PABH07, PMG+22, QTPS97, RTB02, ROPB03, RLFV02, RBN+08, RG93, STK02, STN+06, SNS10, SVB+19, SF10, SFR+00, SH99a, SLA+01, SLT+11, SLHS20, SPEPS18, Sig17, SDC03, SBC17, SGD14b, SAM+12, SGP+02, SKF+10, TSZ10, TAB+02, TKE07, UKM16, VPA+20, VS10, VSC+11, VSR+00, WAPL95, WMW+20, WGR+97, WCC05, WT12, WZ03, WJS+06, WTWC07, WPL+15, WC09, WSP19, WZ14, YK05, Ynd09, ZCG+12, ZS19, vGTG+00, vWDB+01].

E- [PMJW10], E-80° [SKH10b]. E-Flux [BNM08, KND+08, NKD+08].

Early-Weddell [JR11]. E. [SLC+15]. Early [ASMH08, DM16b, DSC+19, GP16, HMB+96, MHB+95, PDL07, PTD+17, PFB+17, SBZ+03, SAVP12, SDB+19, TBC+17, WWB04, ADAM02, BGJ+06, Bec97, BT95, BZS+16, DAAH+14, DSO+07, DKN+97, EPL+16, FSCC07, FWP+07, FWM+11, HHH+08, HI+19, HI+20, HH8+16, JGM90, KKT16, LW0+09, McP08, MDH16, OVKN11, OG11, OB22b, OSHB07, PPM+16, Row13, RGIH+06, SRS+20, SVZ+19, SSDA13, SSR+14, SW08, SMLS02, UKJ+20, WSH09, ZCC03, ZCI02, ZS19, vGTG+00, vWDB+01].

Earthquakes [GP18]. EASIZ [CA06b].

East [An14, ADGA06, DPD+03, EBG+11, GZGH22, GAHD+17, HZZ10, LXWC21, LSC02, MBS05, PBO+11, PDBH03, PDY20, Sco05, SSK+05, SSK+07, VSGM03a, WYW+02, YKS19, YH10, ZBC+13, ZGFF22, ADE22, BW04, CW22, CWF04, EHL02, FKH05, Gol15, HHMF+11, KWH+05, LWSZ+13, MLH+22, NLDJ14, NH+11, OB22a, OB22b, PLL+06, PBN10, SV+19, TBW+11, AIW03, ADGA05, BSL11, CSGC03a, CLC+03, CO33, CSGC03b, CLL+03, CCC+03, CMCI1, DLG+14, DBD03, DBC+05, FPHH+09, FB05, FHY03, GWZ16, GR10, GWWL03, GKB19, GMC+12, GZZC10, HCL+22,
East [LHZ]+16, LPSS03, LCL+10, MDJS11, MW99, MNG+11, MGH+16, MW05b, MS12, MSL09, MGD98, NLS09, NMW+09, NPBS00, NKK+00, NVK+04, NCR+08, OVK11, OUK03, OMY+03, OT03, PW05, PK13, PKH17, PNL+00, PDI+10, PRJ10, PZL+09, RZL+10, RZS+16, RJ05, RCM+17, RCF+16, SMV+03, SvdMC+16, SHD+14, SSS+05, SLS+10, SFV+98, SGC03, SHH03, SVKT20, SLZ+16, SHW+16, SGW+00, Sm19, SYB+11, SR11, STS11, Tan03, TSZ10, TMT+11, TFK16, TIK03, UMedE16, VSM+03b, VMF+16, WSE+16, W16, W16, WdEM00, WNR08, WMP+11, VW+02, W03, WP17, WSL+11, WdE00, WLY+16, XSS+19, YKS03, YZZ+16, YK04, YKS19, YAO05, YCY10, YHC+11, ZIK+16, ZSL19, ZXL10, ZZZ+16, vdMLB+11]. **East/Japan** [SSK+05, SSK+07, JCP17, JSP+17, JKL+17, KNL+17, KHH+17, LJL+17, PKHH+17, WP17, YCY10]. **East** [ESG+17]. **Easterly** [RMCAR06]. **Eastern** [HC05, PZT+19, SHK05, ADV+01, ASF+16, ACG19, BN05, BH14, BC05, BD+98, BMK+13, BSW+13, BHS+17, BOK16, CAS+16, CTBNL08, CLC+20, CBS+06, CWB04, CMG+12, CCM+20, Cok16, CP08, CMB12, DMF19, DMFB19, Dan95, DN97, DABMAMA04, DDAH+14, DC12, DD19, DLR01, DG18, DKQ+93, DABF+16, ENM+14, ENM+16, EOL+16, FBS94, FAHH16, FRR+97, FACD04, FWZM12, FZW+13, Fro04, FPB04, FSGV+09, GDAMS19, GP15, GP16, GPB+07, GWF07, HPW07, HPL+12, HSN13, HYMD11, HWS+98b, HTW14, HRG+16, IG+06, JCP05, K19, KW+20, KFF+94, KRT14, KL13, KNC81, KWH+05, KRL14, LDP+17, LAA+14, LH+22, LUS04, LZZ+16, MK+19, MP+05, MLH14, MTK05, ML07, MBD+17, MRC05, MF09, MGC+14, MLK+12, MKF18, MCL+12, MBC+20, MSG+00, MBO07, NHCL04, NL11, NBCT13, NBBT13, OAH+16, Pak04, PFO4a, PFO4b]. **Eastern** [PCDM11, PSNF+13, PAK95, PSK+00b, PE17, PS05, PAWB19, PKZ+19, RAF+11, RHPC+19, RSLR00, STN+06, SMB16, HSO0, Sch07, SF99, SDB+19, SSE+14, SSM+00, SMBL19, SRR96, SKGD14, SGL99, SFK+12, SMS20, SL12, SFB16, SLS11, SKM+14b, JMF+19, SJ19, SB22, SB08, TLY11, Thi05, TPW07, TIS+13, TRB+19, UP09, Uys06, VHG93, VCMA14, VT01, WGR+07, WW04a, WFA+95, WBD17, WCO07, WW04b, YCA+20, YMW05, YHC+11, Zim19, vRP+18, ABD+11, AKZ16, AAG19, BHS+19, BMRL03, Bre93, Car01, CK03, CVF+18, CCL+14, CCS+16, CHH+21, CBPT05, DBN+11, DKZP16, EFR+19, FL04, FSK+05, FDC+18, G0JAMMM04, GH05, ID19, KK20, KMSM11, KHLG+02, KTP+05b, KTB+05, LCH+09, LS12, LAW+05, Lin16, LLS+19, LGR+14, LMC+12, MGS+10, MFE+02, MSA+14, PAM+04, PPR+20a, PWR05, PHD+18].
SOW01, SBM+18, SSW05, SPW+22, SJD+11, SSE+14, SMD06, SHM+01, SMA01, SFK+12, SKM+12, SDMS06, SBSW07, SCSMT20, SB+07, SAB08, STS+15, TSZ01, TSZT13, TWA+12, TSW+12, WWH+10, WW04a, WCB08, WPB+16, WWC+19, WMC06, WP17, WYT19, Ynd09, YKO15, ZS19, ZLOR02, Zim19, Ake19, EHB19, LKLK17, SID19, UWTS09, ZQW19.

ecosystem-based [DGT+17a, GKB19, MPH+16]. ecosystemic [VGZ+19, VCG+20]. Ecosystems [HWCT04, IYM10, SH11a, Ark13, Arr16, AJP+22, BMS+18, BHS+06, BMK05, Bea09, BHC+17, CB09a, CNOC13, CBA+20, EBG+15, FBP+14, FBP+17, GKB19, JRJ+22, JRK+17, KMMS18, Kra18, KKYW20, LD07, MM05, MKD+20, MCS+09, NLS+10, PFPJ+09, RT20, TAMTC+13, TAC+17, VRL+02, VGD14, YOR13, ZSKL19, Arr15, Bro19, HO07, KKSA19, LP19, PH19, SPDW19, Sum19, YKSI19].

dectoenzyme [DCK01]. Ectosymbiosis [HDR+11]. ectotherms [Pörs06]. Ecuadorian [GMPSHA+13]. Eddies [JWO+09, JCP17, PFW+20, BSRvLR03, SW99, SJ00, SMB03, TRM+14, TNT+15, TBBM03, VHT+20, WH01b, WR01, YSBH06, GHB+05, HDGM19, SMBL19]. Eddy-mean [QC10]. eddy-permitting [RLH+03]. Eddy-Pump [SWGPK17]. eddy-resolving [MDM+13, OGRd018]. eddy-filling [SWGPK17]. edge [Bis94, BFF94, BLG15, BBD+03, CC15, DKG04, IGP+06, DMW95, RPB02, SH+22, Tan03, UWW99]. edges [RPR15]. edifice [SDB+15]. Editorial [Ano93a, Ano94a, Ano95a, Ano96e, Ano97a, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, KP10, KFS+17, Mil94a, PS04b, PS13, YSL+10, BH15, Ano93a, Ano94a, Ano95a, Ano96e, Ano97a, Ano18a, Ano18b, Ano18c, Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano19a, Ano19b, Ano19c, Ano19d, Ano19e, Ano19f, Ano19g, Ano19h, Ano19i, Ano19j, Ano19k, Ano20a, Ano20b, Ano20c, Ano20d, Ano20e, Ano20f, Ano20g, Ano20h, Ano20i, Ano20j, Ano21a, Ano21b, Ano21c, Ano21d, Ano21e, Ano21f, Ano21g, Ano21h, Ano22a, Ano22b, Ano22c, Ano22d, Ano22e, Ano22f, Ano22g,


Ano22h, Ano22i, Ano22j, Ano22k, Ano22l, Ano22m. eDNA [OvdRvA+22].

Edward [WBI+01], education [CPM+18]. Edward [FPGH02, GFPM02, HPMP02, MFL10]. Edwardsia [SS13a]. Edwardsiidae [SS13a]. eDNA [KT06, MWF+19]. eelpout [BKPA06]. eels [HK19]. Effect [AVS+20, BSS20, BBM+08, CMNM16, GDA+15, HMHY11, JS14, KRB95, KTP+05b, LFPC14, LCD01, LM96, SHH03, ZLZ+15, ASS02, AAG19, BSC+11, BMN+07, BS21, BABB08, BML+06, BBD+03, ESA+09, EAS+09, GO09, HBCO01, HKV+09, KKV10, KVL+19, LMvDA16, LSWH07, LBM+20, MAN+20, MCS07, MSW11, OG09, PFPJ+09, ROC+21, SBB+18, VAK+09, WN01, WCJ+11, WLT20, ZLOR02, Zil05]. effective [CWWB04, KKH+02, SS01].

Effectiveness [BM17]. Effects [AS+16, BLD+06, CHG15, CM01, DMS+10, DJFF+22, DGR19, ER05, FLLGR04, GOGDB18, GGRW98, HBC+12, HD07, JBB17, KxF22, LLM+17, MOT98, MTT+12, NSWY20, OCS00, PDK+14, PHS17a, SLS+09, SF11, SMML19, TGG+09, TPW+16, TVL+00, VCDAL14, WZW+95, BV98, BZS+16, BHC+01, BFML+08, BCL14, BCV10, CHF10, CKB+07, DTJ+14, DW15b, EWG94, FSP+16, GRD+08, GF16, GLM04, JTK+14, KKS19, KCTG16, LC16, LCS16, LS04, LBD+02, LMG17, LAPL+16, MWS+15, MCC05, MD05, MB09, NLD14, NMT97, PSM+14, PWL07, PJLO+17, PHD+18, PPA04, PHK10, RL18, RAPF+14a, RAPF+14b, Sc05, SSC19, SMB+98, SK02, STR+14, SYB+11, TSS+02, TW+06, Um05, WPW+14, YA05, Zon07].

efficiencies [AHML95, SFV+01]. efficiency [BFML+08, DD95, DP07, DDK+00, FA03, KKK+17, SLLT10].

egestion [ASF+12]. Egg [SMG+07, HSBT19, HK10, PC08, PCAS05, RSP+17, RPJ+06, YOO+10]. eggs [BLO02, BSN+15, CDG00, LCR+96, SDAH+12]. eiders [CSG+13].

Eighteen [DSK+13, JTDG13, OWD13]. EIs [MWFS17]. ejecta [Kyt02b, Kyt02c]. Ekman [CW02, SMPD04]. Ekström [KGB+14].

Elasipoda [GTS07]. elasmobranch [BBW+15]. Elasmobranchii [WST15]. elasmobranchs [CHV+15]. electric [SS13b]. electric-field [SS13b]. electrode [PCB+17]. electron [ABKL96, NAT+12, NS93, SMM+06].

Electrona [VVM+12, ZDW+20].

electrophoresis [RSF+99]. Elephinus [HCAK17]. Element [RVC+13a, AELP14, CMVS+10, RVC+13b, TRM+15]. Elemental [BTW+11, SHWW22, SML15, ADV+01, CML+09, CSS+02, KY10a, MMS+19, MPH+07, PBNF+16, STR+14, YO1+09]. elements [BSZ99, CVA+13, FdBGP11, FSCC07, GJC98, HOD+09, HFL+15, LBL08, PPR07, WSS+08, ZL08].

Elephant [LHKHH10, BCE+07, BTL09, GBC+13, GHM18, HCZ+07, MdSL13, SMA+17, SSWM18, VGGLB15, SAM+13]. Elevated [GS08, MGC+14, CMNM16, MRM14, PDE+16]. elevations [AGHS04].

elimination [BCL14]. elongated [MWB+09]. elongatus [UFA06].

everelse [Wea03]. Eltanin [FGS02, WAD2, KYT2b, KYT02a, KYT02b].

elucidate [FB14]. elucidated [RSW+13]. Elzone [JLAD95]. EM-POGO
embryonic

endangered

endangered

endangered

endangered

emblem

embraced

eminent

emissions

emblem

embarked

embarked
Environmental [CM16a, CM16b, DTJ+14, EZB+20, GKW22, HTW14, HSC+07, KII+03, KCM+20, LRDS18, LMLC+17, NLDJ14, OJG+19, RRL+14, RSB+17, RHL+16, STP+16, TZ10, AMJRD19, AYMSAS19, ADBW16, ADTR19, ARM+09, AAL+17, BF14, BZM+20, BT11, BEB+13, CLC+98, CDRA08, CJA+06, CLC+03, CHH+21, CSS+22a, Dal04, DSG+09b, ESWL20, EP18, FBP+17, GdRGLS04, GB+03, GWWL03, GBC+05, HAGW+13, HWC+08, ITT12, IBK+11, IARR+01, JCM+09, KRG+14, KVS+09, LWAS08, LLC+17, LTW+22, LH+15, LGR+14, MDT+11a, MK+21, MHTZ19, MTHW+04, NLS+10, OBRJ01, OTH+05, PFK+11, PFdSG11, RLB+18a, SVAGRC04, SLB+15, SM+12, SCD+14, SH1+07, SBL+18, SLF+17, TTO+01, TKA+07, WCC+05, WGMC+14, WTA+18, XSM+19, ZFP+16, dLC+14].

environmentally [KL13]. environmentally-driven [KL13]. environments [BS05, BS06, EL+13, FR+10, Har+11, HZM+07, HSD+04, IKR+12, Kos+01, LSG+02, PKA+95, SL+22, SC+18, VG+15, ZW+18]. environs [WB96].

Envisat [OCKA+11]. enzymatic [DKG+04, HD+02, ZJA+16]. enzyme [DKG+04, HD+02, ZJA+16]. EOF [IS07].

Epibenthic [EBGCL08, RKT+14, BEB+13, BHJ+14, BEM+15, BRPH+20, CGG+19, CRBK+03, GAP+06, KCM+14, KRG+14, LK+98, LT+03, MB+7a, RLB+18a, WR+09]. epi-sledge [BHJ+14]. epibenthos [IMG+19]. epibionts [KBR+18, STFL+13]. Epibiotic [SGB+14, BAKF+03, SC+15]. Epifauna [BEB+13]. Epigonus [VFFM+13]. epipelagic [DSJ+11, MMY+20, PHK+10, RQM+08]. episodes [ARLA+03, MP+99].

Episodic [GBJ+15, PWR+05, RH+20]. Epistominella [PB+07]. Epizoic [BR+10]. EPS [JS+14]. Epsilonproteobacteria [CST+17]. EqPac [IF95, MJG+95, BCH+96, BAH+95, CRG+96, DBC+02, Fri+01, GG+95, HS+96, HDC+95, RD+05, WZW+95, ZDWR+95]. equation [CJ+19, Mar+19].

equator [BCH+96, DZB+95, IHI+97, LBD+02, RL+97, RD+05]. Equatorial [ATD+11, CBMP+04, DBN+11, Fri+01, KMSM+11, KTO+01, RD+97, WSL+07, Abr+19, ATS+96, ACG+19, BTV+11, BK+96, BSL+96, Bas+19, BAD+97, BO+96, BCO+96, BD+02, Boy+02, BRI+02, BLG+15, BBB+11b, CD+95, CLB+96, CDP+02, CM+99a, CC+01, Dan+95, DN+97, DDQ+04, DLR+11, DQ+95, DWW+02, DBC+02, DCF+11, DMY+97, DNA+97, DO+96, ERR+97, FW+95, FW+97, FBC+02, FLM+07, FCG+96, FDM+97, FC+07, GLC+04, GKO+2, HMB+96, HCBP+97, HS+96, Hen+19, HHP+96, HZT+06, HWS+98b, HDM+95, IF+95, IIM+09, JCM+03, KCM+95, M+96, MLD+97, MG+05, NTF+01, NL+11, NZ+97, PCD+11, PWD+11, PH+96, PDS+96, Qua+97, RF+99, RLF+07].
equatorial [RDL+02, RFL+00, SBG+05, SHD+96, SBD+97, SIFS+10, SPD+11, SLS+11, TLY+11, TBB+11, VSS+96, VT+01, VBC+95, WTL+97, WP+02, WCRG+95, WGR+97, WCM+06, WFA+95, WM+96, ZOB+96, ZD+97, ZQ+97, BPD+11, BMGC+09, GJC+98, GMMS+05, MPG+97, NL+11, SLT+11, SV+99].
evaluate [GAC+02, NLY+13]. evaluated [PGFP+08]. Evaluating [BWD20, MLW+01, MST+14, PDC+21, SMDA05, HFK+02]. Evaluation [BM17, CSWSH20, HZT+06, KMO05a, PG18, QQJ+21, SYSO5, SSR06, TTOU01, BKS+16, CLF+09, GPMZ+10, LYL22, MC15, NISG05, OBRJ01, RPF01, RSC+09]. evaluations [LSWM22]. Event [BBR+10, Bak98, CBB+98, DRVVS+14, FWCT+95, HUVH09, HSB+16, HC13, IPH+17, JBS+98, KLOO98, MGNB96, NGM+05, PBS06, PLHMA06, SZM10, Wei15, WPJW96, vRPD+18, FBL+98, MBF+98]. event-scale [PBS06, vRPD+18]. Events [Ano06f, CHL+15, DABMAMA04, GBC+13, Gol93, KK19, LBMB98, ND04, OCP18, OW+12, SIA+05, SZH+04, SYK+13, VKC09, VIY02, WLD+06]. evermanni [DAAH+14]. Evidence [AJR+15, CRD01, CRD+17, EQW+13, EMV09, GSW99, GSM+08, HHR+08, LvDA14, MCM+14, MA05, NGM+05, OTK+05, OGG+20, PWM01, SLB+15, AHV+00, ACV+01, AFB+94, BW93, BCW00, BMWP02, BBR+96, BNP+09, BK96b, DBDT03, FLTV97, FI02, GBC+05, HB03, KMO02, LWB+20, LSL+15, NSK96, NR00, PDM06, PQA05, PRB+11, SBM+18, ZSLL15]. evidenced [BY04]. Evolution [AST07, DSK+13, FM03a, PPT+10, VF08, WC06b, BCP05, Ber07, BJS14, Bre93, BGMO1, CHL+15, CMW+05, Eil05, GCJ+00, HBSL01, JW05a, JW05b, JRLJ+19, LML+01, LCS+06, aLCS15, LAGK+18, LXWC21, LAPL+16, LSA14, MML07, MNR+11, MGC+01, PIP+02, För06, PPR+20b, RP18, SBZ+03, STB+17, SK07, SP19b, SLW98, TWD+08, THRA01, VP1P06, WCH+93, WCJ97, ZV13]. Evolutionary [DFD+11, Vri13]. ex [SSL98, RJM+15]. ex-situ [RJMJ+15]. Examination [DKP+14, AGN+02, HLC+16, SN04, SKM+08]. examined [DWG+15]. Examining [SAW16]. example [ANS+11, BFG+10, BBT+18, GHD+18, OM16]. examples [Joh19, JAM+14]. exceptional [MPC99, OM14, SSHB03]. Excess [OHT12, DGP0, PDSS06, YCT+22]. Exchange [RVJ+02, RVJG+05, Sme04, Wir94, ALWW04, BPF+03, Bis94, BFF94, BLS+03, DKS03, DK04, ES04, GS001, GPB09, GKR+18, HLS+11, HDEF+01, HSM+01a, JKB04, JCP05, KMO09, KIS02, LSC05, LRFK99, LPZ+04, LBY+10, MCO5, MLS01, MB03, MS06b, MLVM02, MC+99, MMMC07, Papp05a, PG97, RL03, RSB+15, SRY04, SE96, SHT+11, VLS+04, WKM+07a, WCJ97, WDC+15, WCL+15b, YLBdR03, WC01a]. exchanged [LDV+02]. exchanges [CMC+05, CMB02, MC08]. excitation [SFD04]. excystment [MTK05]. exercise [GGM+16]. exercises [Joh19]. exhibit [BBCB+12]. exhibition [SRS+15]. exist [KFS+17]. existence [TLF97]. exit [SPH+03]. exopolymer [LPA+95, PA95]. Exp [WOM+16]. expanse [PMS+20]. expansion [OUJ+19, SIA+05, SLS17, TWW+06]. Expatriation [HK07]. Expected [Had11]. Expedition [AKI+16, DF16, HB19, HBV19, HBVG20, HBVG22, ITC+16, KOS+16, LSO16, OM16, OTN16, PBVC+16, Alan18, BPPJB13, BM15, BAF+18, CR06, Can06, Che13, CP18a, CP18b, Cra97, GMB18, HAP03, KKT16, Kyto02b, Kyto02c, MB15,
extracellular [DKT⁺, HD02, KN97]. extraction [CHG15].
extraordinary [TML⁺]. Extreme [BZ20, HSR⁺, DCA⁺, GBI10].
Exuma [BBW⁺]. Exxon [ALHP18, EBM⁺, LMH⁺, NM18, RP⁺].
eye [PGC⁺]. eyecless [SSAL⁺]. Eyre [BPM⁺].

F, [WT⁻]. face [SRB⁺]. facies [BH03, DBDT03, KSB⁺, PGM⁺, SKdS⁺, YKY⁺]. facilitate [SP⁺].
Facing [CV⁺]. VLSS⁺. factor [GGC19, Mil94b, ODR⁺]. Factors [DP⁺, DC⁺, EBGCL⁻, GMK⁺, HNNK⁺, PSUH⁺, BMH08, CLC⁺, CHG15, CBSS02, Dan95, EWL⁻, ESW⁻, GSMB01, GKGW⁻, HWTN⁻, KMOM19, LB18, LTW⁻, MLS01, MHTZ⁻, NSH⁺, RGIH⁺, SML15, SHB14, SBL⁺, TDCV⁺, WC09, ZWC⁺]. faecal [DB02, GHI04].
Faeroe [HVH⁻]. failure [RRK⁺]. Fall [ARW⁺, KHB⁺, MGHN01, ALSF⁺, AGW⁺, ADG⁺, BLO04, CdST⁺, CC03, CCS⁺, DZ08, EKL⁺, HSFN13, KJL⁺, KB15, SSAL⁺, SSE⁺, TMBTS09, ZZ04⁺, dBC⁺, KPPL00]. families [FB⁺].
family [CKFC18, CSE⁺, GO10, GM22, KB15, SW⁻]. Fan [SSBH03, BMD⁺, BSS⁺, Cha03, CRD⁺, DDB⁺, GPBV⁺, MRP⁺, ODP⁺, PTD⁺, PCB⁺, PDS⁺, ROB⁺, RBD017, SBBD09, SSB⁺, TDT⁺, TBC⁺]. far [AM15, MSM10, RDFSV09].
Farallones [SCS⁺, SSC⁺]. Faroe [BL04, PR05]. Faroe-Bank [BL04].
fascia [GPCC⁺]. Faschiata [MLB⁺]. fast [CMG⁺, DKdS⁺, FMWD07, vdMLB⁺]. fast-ice [FMWD07]. faster [RHPR15]. Fate [NRM⁺, BMF⁺, HMK00, LPFS⁻, LAW⁺, LPMS09, MSG⁺, SVC⁺, WAC⁺, YBH05, ZBVH⁺]. Fatty [Har94, KWPB15, KME18, WWH⁺, WPB11, EPR09, Kha18, KYKJ16, MSV⁺, MKKF18, PPYN15, PGFP⁺, SNIT02, WPF11, WPSB11].
Fault [HBCG14, HTT15, RDC⁺, RC⁴, CYB⁺, GP18]. Fault-control [HBCG14]. faulting [CPW⁺]. faults [HGK⁺]. Fauna [SDT⁺, ACD⁺, BH08, BBAL⁺, BOPJP15, CMH09, DSG⁺, DCH04, DJ15, DFJ18, GBI10, Gri13, HDK08, HRM⁺, JSSW21, Jaz15, KGB⁺, Kanim18, KBKW13, KMM⁺, Lin04, Mal04, MMD15, MLH₂⁺, OCG⁺, PB08, RMA⁺, RLGG07, SBBP⁺, SRDV⁺, SRS⁺, Sot09, TWG00].
Faunal [GLdS⁺, MC18a, WR09, AAG02, BJS14, CBNR⁺, LG09, LWM⁺, MS11, Vrt09]. faunas [GGLS00]. Faunistic [Hi19]. Faust [DLHH11]. Fawn [VPSL15]. fCO [SWB⁻].
Fe [HSH⁺, AA12, GOH⁺, GBL⁺, HS01, HWM⁺, KMSM11, KNN⁺, LOD⁺, LKTS01, LSS⁺, MBHP99, MV99, MV01, MAT⁺, MNPT06, NOT⁺, NVBJ08, NEN⁺, RAI11, VM01]. Fe-binding [GBL⁺].
Fe-enrichment [NOT⁺]. Fe-fertilised [LSS⁺]. features [ASV18, ADGA01, BBJ⁺, CRF04, CSG⁺, CD⁺, GAP⁺, HPS⁺, HCWT08, JTK⁺, JHS⁺, LBMvdB14, LWAS08, LSM⁺, LTH05, NOLASZ04, NDD⁺, PGM⁺, PBMM14, RLS05, SMBM99, SC16,
SGB+08, ZWK+15. February [AE02, BPRS11, CTBNL08, CHU+00, DDK+00, SKH10b, WGB+04, Ano22n, FD98, GR10, HWN+04, KOLA+18, KGdC+18, LCK95, SAM+13, SW01, SKW+04]. fecal [ASF+12, DURP03, GS08, LSUB94, TGG+09, WSB08]. Fecundity [WTS08, YERT13]. federally [DCC+14]. feed [Kli09, OSM+20]. feedback [WCB08]. feeders [DBH+20, GPP+06, KME18]. Feeding [CDRB16, DMFD19, GW98, KIN+10, KHT+20, NSLAP+17, Pro09, SHPM14, BCC+96, Bec97, BHC+01, BHB+07, CCM+20, DONF08, EQW+13, EBG+11, GLLC04, GLF+03, GFFPM02, HA10, IA96, LGF03, LH15, LGM96, LC+96, MDT08, MKS+20, MBM+00, RCT+07, RSR+00, SAVP12, SFPH+08, Zel01]. female [CRJ+08]. females [RDdL+13]. Ferret [CWJ99, DJC+14, EWP+99, GSW99, LUV99, MBMM+99, SHD+14, Sor99]. ferromanganese [CH07, Cha03, GNT+17]. fertilisation [BBM+08, BMB+01, HSN01, LWLS98, LCS+06, MC13, SVC+08]. fertilised [ASH+11, ACBMQ08, LSS+07, SLS+07]. fertilization [AN09, BSL08a, BQT08, BABB08, CGSZ13, DVPR06, FC09, HTS+09, HKN+09, LSM+06b, MLS+06, MMT08, MW06, OCL+08, Qui13, STJ+08, SWLW11, SSI+09, TVLB08, TRHA01, TMS09, WTCB09, WTL+06]. fertilized [COV+08, JB+08, LG008, TDC08, TNS+09]. FGOALS3 [DCL+21]. fidelity [CRJ+08]. Field [NYNK05, STM04a, STM04b, VPA+20, BMB+18, CHH19, CM01, DJC09, GBB+17, GDIK02, GB001, HJS+10, HZK+05, HTT15, KL96a, KEA+17, Kyt02a, Led93, LSOM16, MCB+15, MARFP08, OGRd08, OAH+16, PPR+20a, SSB+05, SBR+11, SKMDR02, SBL+18, SS99b, SS13b, TRM+14, TPP+20, TTL+16, SVS+97, WMB+13, WGR+97, ZLOR02]. field-based [TTL+16]. Field-of-view [STM04a, STM04b]. fields [CSE+22, DIM+12, HAD19, MCI+12, MMC11a, MS05, MCG+98, PFX+02, SCL+04, ULH+21]. Fifteen [ITT12, LTF+19]. filament [FMH+02]. filamentous [SKH+10a]. filaments [JCPC09, TLR+00]. filippovae [PNVJ13]. filled [KCTG16]. Filosea [GBBS00]. fimbria [CM16a, CM16b, RDSA+21]. fin [BRG17, ESWL20, SHW+04]. Final [An06b]. findings [Ban02, DLB+11]. Fine [BHBC08, JWCC99, MKS+20, SGD+14a, aLCS15, MPF+17, NGD96]. Fine-grained [JWCC99]. Fine-scale [BHBC08, MKS+20, SGD+14a, aLCS15, NGD96]. finescale [BASL04, CD95, Ddu06, SCPP05]. fingerprinting [ANL13]. fingerprints [MZD+11, Pec97]. finite [HL06]. Finland [LL14, OT10]. finmarchicus [BM07, BK96b, CRD01, CP01, CM01, GDGF08, HK07, LMDW06, MO96, PT01, RPJ+06, SD06b, ST07, SMI+07, YQMB20]. First [BNP+09, BAF+18, BR14, BBW+15, BSMBM+17, CP18b, GMB18, Gol18, Gri13, KJB+08, LOB+09, MB18, MGK+17, MGN+18, NHI+13, NKB+18, OHB+18, SBE+07, STFL+13, dMGP+14, AM18, AM22a, BCNS15, BTLC98, CSE+22, DABF+16, Firt96, GM22, GK16, KWA+20, KFS+17, LDGH16, MG22, MBOvL08, ROBV+18, SRAL+17, STM04a, SS6+06, TOF04, TW+08, VHS97, VVTK18, WGW+19, YLD09]. first-passage
[SSB+06]. **first-year** [TWD+08]. **Fish**

[AMJRD19, DOLP+09, KPDBO8, Mun14, RHZ+03, SVAGRC04, APN+17, ADRS19, BGJ+06, BH08, BLSW05, BHS+19, BHI+14, BMH08, BTR20, BDL+14, CRNP06, CRA+20, CMH09, CTW+20, CSF+12, CSGV13, DLLK15, DSBS20, DC12, DM16b, DSC+19, DDBWH20, ECD06, FALR+13, FWC+12, FNS20, GMD07, GS06a, GDAMS19, GPC+17, GKGW22, HCWH00, HBC+12, HSR+22, IMG+19, JRGJ+19, KBSS93, KMD+11, KBH+14, LTF+19, LRR+04, LCL+22, LWB+07, LLM+17, LTL+22, LTS+13, LRDS18, LMLC+17, LM01, LNDH+17, LOFC00, MSW+13, MHPS19, MRMP09, MGK+17, MBP09, MGN+18, Mun16, NLSL+17, NA13, NSWY20, NHBM10, OAH+16, OLP+20, PM10, PK08, PSHF+13, PSSH+16, PPM+17, PPFJ+09, PGPP+13, PBMM14, PDC+21, QSA+09, RWT+20, RAR04, RHPR15, RNP93, SVJ+16, SYV+10, VVM+12]. **fish**

[VPdP06, VFFM13, WBD17, WAP+18, ZLW+19, Mun16]. **fisher**

[Bro19, Ake19, CAJE15, EBG+15, HC15, HBC+15, HIA+16, IDS04, LP19, LS17, MGT+20, MCSF15, MDG13, MPH+16, MHG+17, NA13, NBO4, Pas18, RSWG04, RSCF+13, RSCF+16, Sum19, YKO15]. **fishers**

[BHS+17].

**Fishery**

[LPK+17, WGNH15, DVC14, Ham07, HHMF11, HSR+22, KYW20, JMP+19, TMGLM19].

**fishery-derived**

[HSR+22].

**Fishery-independent**

[LPK+17].

**fishes**

[ABB+01, BMK05, BWOR22, BBB+01, CMC11, CSCP13, CLJ+13, DCT11, DTWF17, DT08, ESG+17, FCBD08, JZX10, KLL13, LAJP13, LL13, LBM+20, MCL+19, MMD17, MG13, OB22a, OB22b, PKHH17, PDB+20, RVC+13b, RBS17a, RSW+13, RQRVM10, SPP+18, SWMB10, SLB13b, STS11, WZZ+19, WFPB11, YCA+20, ZWQ+19]. **fishing**

[GPF16, MSA+14, RH14, JMP+19]. **fit**

[Eks07].

**fitting**

[TC06].

**five**

[JJVH18].

**fjord**

[dSVC+14, Fer06, TBSP+18].

**fjords**

[HA10, PS04a].

**Flagellum** [WST08].

**flagellate** [BN97].

**flagellated** [SDMC03].

**flagellates** [TB98, ZSN+18].

**flank**

[CRD01, IAA96, LM01, LBB+06, MC06, MPR14, MT96, RYT01, SMS01].

**flanks**

[KBW+11].

**flatfish** [WSB13].

**flatfishes** [ZRG16].

**flavescens**

[RSCF+13, RSCF+16].

**flavours** [DVC+12].

**fleet** [MWT+17, WSP19].

**fleets** [LFK+17].

**flexibility** [BCBB12].

**flexible** [MNPT06].

**flexible-composition** [MNPT06].

**flexion** [GLC+17].

**Flight** [GMD07].

**Flo** [SHF+95].

**Float**

[RF99, B03, BS05, BS06, CDDC03, KMG+20, PK13, SGL99, SS13b].

**floaters** [IPH+17].

**floating** [CVF11, SSG+11].

**floats** [CMR13, Fre13, GCR+18, Got05, HMSMK04, KK20, KOR06, PR05, RG03, SRBR05].

**flocculation** [MZR+95].

**flock** [RMBW07].

**floe**

[HNW+08, HEW15, PCL22, SWH08, TWF16].

**floes** [LJ+15, THT11].
flooding [BSG+11]. floor [AS02b, BS98, IATK17, KHL+01, LSM+06a, RHD+11, RSDv+09, RBP+94, SBG+98, WL02]. flora [KPPL00]. Florida [WKMM+07a, WZL+16]. flotsam [GMCR18]. flounder [DDAH+14, DMH19, SCH+19a]. Flow
[BSN18, CDD03, EB01, PWP+05, Pin93, vGFGS02, BSX+15, Ben13, BFK+14, DO96, FGB10, GPC18, GPC14, HRT14, HFK+02, IHI+97, JS14, Jun20, LVJC17, LS04, LH06, LWC05, LAPL+16, MTB09, MPI07, MBS05, MSNL09, MSK+19, NLSL09, OSCS00, PPT+10, QC10, RG03, RWN+08, SSY+05, SSO1, SJL05, SS99b, TWL+15, TMC04, TS03, WGR+97, WEB93].
Flow-induced [EB01]. flows [Abr19, Bas19, CA06a, HBSL01, HB05, LDV+02, PS20, Um05, VS99, Web19, WCL22, vOSG+11]. fluctuation [PC18]. fluctuations [DBC+19, GNHS05, Led93, LB93, LZB96, MALT05, PC00, SHN+07]. Fluid
[GPC18, ACBV+18, CSG+15, CPW+18, FC15, HGK+18, Joh19, OGG+15, SO98]. Fluids [RCG+18, iITT+15, PFC09, PFAZL09, SLS+09, VB98]. Fluorescence
[GdRGH+14, HWS+98b, MT96, WLC99, YCN+10, CZVR02, DN97, DPS+11, DPY14, MGT16, NRH+06, OSCS00, VKG93, VLR+02, YAS+93]. Fluorescence-based [WLC99]. fluorometry [CMG+11]. flushing [GBG15, LBY+10]. Flux
[AS01b, BM08, BHJ99, CRR01, DD06, Heb00, KHH+17, LMB+98, SBCH02, SAM+00, TBB+08, WCH+93, WC02, ABD+13, ANL13, ACH02, AE02, AAMF+02, AKBD13, Ano08, AMH+01, BNS+19, BNM08, BHC+96, BHMK08, BFL00, BAH+95, BTO+8, CAFK03b, CRP+05, CFT+04, CCC+03, CDH+00, DURP03, DSvR+18, DB02, DWW+02, FBS94, FI02, FUGG+09, FS02, FPB04, GS08, GPK02, GZZC10, GK02, HTS+09, HH93, HMW00, HFP94, HRM+11, HDW+20, ILWH03, IPH+17, JB01, KAW+16, KCD+96, KH02, KRF01, KFF+94, KPPL00, KCY+16, KU+08, KSS00a, LBV+08, LJN+00, LSdC+10, LSUB94, LL01, LMA08, LAC+09, MQ01, MY99, MHG+04, MFG+93, MW99, MHA+01, MDT80, MDT+08, MBM+00, MKH+05, MBT97, MSNL09, MKVT+04, MYN+96, NGM+20, NFD+02, OT12, OT05, PC18, PFP02, PP93, PW+09, PLPS98, PF06, PDY20, RLPF07, RWRS08, RL97, RSR+00]. flux [RBH+20, SSH+02, SH06, SE96, SF11, SF09, SMB02, SZG+13, SDC099, SBY+07, SG+02, SAM96, TSS+02, TSW+09, TRWB99, TMW+05, WNO1, WC08, YZN+16, YZ00, vLdLCS+11, ND+08, ND+08]. Fluxes [AMN+02a, BA94, CB00b, GSK02, RH99, ADV+01, ASBM02, AR02, AKH+02, And00, ALH+01, BGS98, BS03, BCFB03, BH99a, BZH00, BLC+08, CTBNL08, Car07, CCP+18, CWW02, CRR01, DZBR95, DAA+20, DOB02, DLF+09, DZ08, DCR6, ETD11, FWG+97, FRW00, FGW02, FCP99, GCS+12, GRS00, GMR+05, GBP00, GH04, GRSW00, HTD00, HLG+21, HBT+08, HML+13, HAF+15, HZ00, HDM+99, HIN+02, HBC013, HM93, HDP199, HFM+00, HBC001, HWS+13, HWC07, ITT12, IOK03, IGP+06, ITMG18, KOLA+18, KTL+00, KMD+01, LRG+05, LGHD20, LBL08, LB09, LFM02, LMB+98, LPW+09, LSB07, MPE+09,
MISC+02, MDM+13, MYE+02, MW06, NISG05, NKA+11, OTH05, PIP+02, PKR+01, PDC+99, PAM+14, RLH+03, RS02, RHPC+19, SCGDU09, STJ+08, Sch02a, SBD05, STD+20, SSLA95, SHFM01, SK02, SMD08, SKGD14, SDLZ13, SZB+19, SSX+00, Tan03. fluxes [TMP+19, Thu98, TBBM03, TTA+16, UIS+03, VBM97, WPHL02, WJS+10, WWC+99, WTL+06, WSB+09, XA09, YZZ+19, YHL+12, ZDA+16, Zül05, vDB+01]. focal [MT98]. focus [DNB20, GBP21, KGB16, VVV04a]. focusing [LMS09]. focussing [RT20]. fog [CHN+18]. following [Bak98, BSL+96, BM15, EBM+18, HSB+16, MGB+96, PR05, RP18, WPJW96, ZDA+16, ZJA16]. fondness [BLS09]. Food [ADV+01, DRD06, DGK10, GNB+17, NA13, PCC+17, SMD06, SAM+12, WMH+07, WAV+12, ABC+05, ASF+12, AMK+05, AM07, BFSK08, BFM+14, BHC+01, CRD01, COV+08, CNOC13, CS20, DSN+20, DBS08, EMV09, FBBW+10, FHT+14, FTT+17, GGH+00, GSN+08, GGGCM17, HS01, HFK+02, HWCT11, HAM+15, IB010, JCF+06b, JSM+16, KYW20, LK98, LRN+14, MAH+12, MMTT+20, MD17, MKKFL8, PTO+16, PDS+17, PDT08, RJDR06, RWN+08, Row13, SVR+00, SS09, SCSMT20, SLR+10, Th05, TVL+00, TWG00, VS99, VSR+00, VM13, WWH+10, WGNH15, WIT+20, WIT+00, WYT19, WPB11, vOS+11, BH19b]. Food-web [ADV+01, DGK10, CNOC13, HAM+15, IB010, KYW20, TVL+00]. FOODBNC02 [MT91, SMD08, SD08]. foodweb [BLOM93, DFK+06, HKAM12]. foodwebs [TPW+16]. footed [WSP19]. footsteps [BM15]. forage [APMN+17, DSBS20, GFCS04, GMD07, GS06a, HBC+12, MHP+19, PSF+13, PSUH+16, RMA+20, SPP22]. Foraging [BWOR22, CRJ+08, FEB+13, GHM18, MdSLH13, NBCT13, RSCF+13, RSCF+16, RDL+13, SS+06, BCF+04, CTH+98, ERPBF11, ECM+06, FMW07, GBC+13, GMD07, GS06a, HCN+07, HAGW+13, JHHK14, LGP+15, MBCB08, POI17, PNV13, PWB+06, RG06a, SGD+14a, SMA+17, TCEW07, VGGLB15, Wei07, WLR+00]. foraminifer [BW99a]. Foraminifera [LEPI4, VVT+18, AKHR+20, BG08, BS21, BSH+14, BRPH92, CB00b, DAF+20, FDR+18, GSB+03, HSC+07, Kha18, KSS+00b, KXNH02, LVP13, LH07, MHG+04, MCI8a, PfSG11, SSR+14, SP06, SNK07, WMJW96, CDL+04, GBLS00, GSP01, GJ+13, LVP+15, PBG07]. Foraminiferal [LG09, AKI+16, CRM+16, DJC+14, GBSL98, GBML10, Hus16, JBD+09, KNG02, KTL+00, SSSN19, SH00, SBL+07, SkdS+14, vGCM00]. foraminiferan [GHG+04, GCKC07]. foraminiferan-like [GCKC07]. foraminiferans [CCLB14, CG04, GLDS+09, WPB11]. foraminifers [SWZ02], forays [BG09b], forbesii [SMV+13]. force [LZS+18]. Forced [WWL02, DKJ13, LDG94, PPL+19]. forces [MSM+09]. Forcing [MMH+08, BF00, BV98, BA02, CLC+98, CDRA08, CHH+21, CMJ+18, Ds21, DWBP13, DD15a, DD15b, EHL02, ERR97, FLLGR04, FHW06, GWR93, GO15, HHW+08, HKC+21, HH05, JKN+05, KRG+01, LBC+98, LJB00, MPL15, MHA+15, OACA19, OWD13, OBAO2, Roy05, SMZ+08,
ST13, TGFP02, VTA+11, WCC05, WBO07, WBJ+98, Yt03, ZKH+13, ZT00.

**Forcipulatacea** [Mah16]. **Forecast** [STP+16]. **forecasted** [SABP+16].

**Forecasting** [HLR+09, TFP+16, BHS+17, CLF+09, CFZ+18, KAM+14,
MPM+16, PDB+16, PPL+07]. **forecasts** [HGB+13]. **foresight** [TSA+01].

**Foreword** [RP18, Sch02b, Sch03, IBIW01]. **form** [BG10, MMHB98].

**Formation**

[CBF+13, CBF+16, CMPB18, JLM20, Pas16, TKF16, AAG19, AKBD13,
BHAL13, Cha07, DSK+13, GWL+15, GF07, Gol93, HB03, HHR+08, JCP09,
JTDG13, JVL+16, KM05b, LK93, LPA+95, MML06, MDM+13, MCM06,
NEO+07, OS02, RPM07, RKKH+11, SSMW18, SPB+14, VPA+20, VS10,
WOM+16, YLU+14, You10, ZAC+15, ESA+09, PPR07, Sch07]. **formed**
[GZGH22]. **forming** [HZM07, LB14, SCH+10a]. **forms** [BN05, YET06].

**formulations** [PPS+16]. **Fort** [HGM+11]. **fortunata** [MCM+15]. **forward**
[AGH04, TP02b, TP02a]. **fossil** [DSE+14, RSI+10, WCA1+16]. **Foster**
[BS03, CRBK03, CKL03, KFG+03, KRW03, KL03, LT03, RHZ+03, SGD+03].

**found** [IAK17, JS14, NRSL17]. **foundation** [CBHF10]. **Four**
[SGM+02, CK03, CLSS15, GGO+14, HKMS03, IOTS16, JZ010, JNB17,
K03, KMK+20, KMA20, LW04, MKD+20, OBC+14, SKKM20, Thi05,
WBO07, Wit00]. **four-dimensional** [HKMS03]. **four-member** [Thi05].

**Four-year** [SGM+02]. **Fowler** [MMN10]. **fractal** [LL95]. **fractionated**
[CLSS15, DPS+14, FBP04, JPS93, LOA15, OBM+93, PTD+14, RWR+02,
SH999C, TDKA05, VFS02, VdLS11]. **fractionation**
[EWBBW99, VdMLB+11]. **fractions** [CD20, DTP+05]. **Fracture**
[BBB+18, CSGV13, CSPC13, CLJ+13, CLB13, DAB+18, DHST13, EQW+13,
FVVW08, GLMB18, KJB+08, LAFP13, LS18, MSW+13, PBB+13, RKB18,
SLB18, SWL+18, SAM+13, BSJ13, BBT+18]. **Fragilariopsis**
[DVS+97, HPN+12, NGM+20]. **fragment** [MN10]. **Fram**
[BSKD+07, HEB00, SH99a, SH99b]. **framework**
[FO05, GBS+22, KG20, MTR+10, MGT+20, Pas12, SM12, SCQ+09, TAB+16].

**France** [NC97, CMP14, FG+14, MBMM+99, VHC+17]. **Frank** [Ano19].

**Frederick** [Lut09, SPS+09]. **Free** [LRH+11, SSH+11, Sm11, BTLC09,
CVF11, DFMW13, DIO0, ETDB11, FMZ15, GGO+14, HKSV11, HSM11,
KRS+11, LWW+15, MRE+11, PFW+09, RVS11, REWH11, SCM+02,
SRH+11, SRB+11, SHM+11, SSS+11, SSG+11, TLF97, VVV04b, VSC+11].

**Free-Drifting**

[SSH+11, LRH+11, Sm11, ETDB11, HKSV11, HSM11, KRS+11, MRE+11,
PFW+09, RVS11, REWH11, SRH+11, SRB+11, SHM+11, SSS+11, VSC+11].

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

**free-ranging** [BTLC98, DFMW13]. **freeboard** [SHW+16]. **French**
[DMC+17, DLW+17, FBP+14, LPA+17, LAB+17, Mar02]. **French-JGOFS**
[Mar02]. **frequency** [BCT21, BWS+98, CLB13, CMJ+18, GPC14, GKBG17,
KRG14, LDV+02, LWSA08, PCT18, SLP+09, SPF+94, UY04]. **Frequent**
[SSHB03]. **fresh** [CRA+05, IIM+09, KFW01, SSB+17]. **Freshening**
[ACSG15, KNK15, KX+22, RAC+20]. **Freshwater**
fugacity

MRD13, MXC15, MT96, PRA
[HCG19, JCP+22, AVS+20, Car07, DHS+09, DRS10, MBW+08, PWF19, SP19a, SF11, SMB02, SJM02, SBS+02, vWMR+17]. **Frictional** [Gar04]. **Fridtjof** [RAB+17]. **fringing** [HKY+13, LWSZ13, ZHY+13]. **Front** [Ano17f, Ano17g, Ano17h, Ano17a, Ano17b, Ano17c, Ano17d, Ano17e, CSP05, CP02, DPS+11, JDD+11, KMD+01, NGS+15, NDD+14, SH02, SBvdL+02, SLB13b, vdLBB+02, AAB+97, ACG19, BTK06, BCKH07, CCM15, DL01, EB01, JLTD11, JMN+15, Jol96, KHS+02, KT06, LM01, LBB+06, MKT+15, MRD13, MTC+15, MZ+96, PRA+95, PBB+13, RJM+15, SHWW22, USC+20, WOU06, Y096, YLH+10, AS02a, AGS+02, Bai09, BVB14a, BVB+14b, BHI+14, BL01b, CSW+17, DURP03, DO01, DLB02, DSJ+11, FGWO2, FS07, GSK02, HMH+02, JSSW14, LSB+02, MAB+01, MBLB14, MGS+15, PH17, PRM+17, RGT+97, RFB97, RM00, SWZ+02, SLA+01, SHB+14, SAM05, SKMDR02, SGB+02, SWGPK17, TPS+15, URDP01, WZB+14, vFedBB+02]. **Front-Current** [AGS+02]. **Frontal** [ARLB00, ARNB01, AF01, BGDT11, CEG+11, CHR97, ETDB11, FBCN00, HP01, LB+11, TLK+02, WGW+11, You10, BvWR+20, BWC+02, CHSVB+19, DSN+20, FSK+02, HFP94, MT15, MNV+20, Mun14, Mun16, PG97, PRP02, SGA+15, SRY+04, SGP+02, TP96, WCL+22]. **frontier** [SBL+18, WAM+18]. **Fronts** [BPRS11, BHH+14, HLZY10, VMAW12, BH15, BY04, CC15, HZI+10, JCPC09, aLCS15, LNDH+17, MDSA19, MB01, MST+14, Mun14, Mun16, MHN+14, NBCT13, PS19, PRP15, ROF+11, SGD+14a, SA14, SGW+15, SBA+20, TNT+15, TSB+14, VPS97, WH01a, ZPG14]. **FRS** [MLB+10]. **FRUELA** [AE02, CAMA+02, LAF+02, FIP+02]. **frustule** [AWL+09, MGC+14]. **frustule-bound** [MGC+14]. **Fuca** [DCC+18, MTB09]. **fueling** [CGM+07]. **fuelled** [SAVP12]. **fuels** [AMvD+12, GAL+12, GAL+20]. **fugacity** [WTL+06]. **Full** [SIFS10, TR02, Ang10, RPS+11]. **Full-depth** [SIFS10, TR02, RPS+11]. **fulmar** [EQW+13]. **fumaroles** [BAK03]. **function** [IS07, MBB+20, SH16, SCSMT20, VPDP06]. **Functional** [GLF+03, APB+09, CCK+16, HLA+06, IBK+11, JBR+18, KRHS20, Mah16, MARFP08, SHY10, YLD09]. **functioning** [CHS17, HWJ+20, MBD+14, MKD+20, MCD+09, PCP+17, RBDO17]. **fundamental** [GD102]. **Fundy** [ER05, MPH+05, MLH+14]. **fundyeense** [ASK+05, AKM+05, AKK+14, Ano50a, ABS+14, BFK+14, BAD+14, DPS+14, DTP+05, ER05, KCM05A, KCA05, LLK05, MPH+05, MLH+14, MAST05, MALT05, MTK+14, MBC+14, PTD+14, PKA05, SMK14a, SNSA05, TBT05, TPT05, TMTR14, TKDA05, VCM+14]. **Fungal** [NMB+17]. **Fungiacathus** [WF13]. **fucilia** [VMF+16]. **Furrow** [BRSB16]. **Further** [LCL+09]. **fusiformis** [RMBW07]. **Future** [WOS12, AS60a, AKK+14, ASBR17, BM+14, DAB+16, EEAA+19, HBSL01, HMMF11, HGB+16, HA+15, HMYH+11, LTF+19, LAGK+18, LBM09, MBD+14, MGG+17, MHG+17, PDC+21, RDW+22, WVC+19, XGF18].

G [Ano97b]. G. [dLWFB08]. GA [BAC+15]. **GA-03** [BAC+15]. **GA03**
Genetic [ASMM11, CRTB15, JSBC15, SSUB15, FCW +15, HMW +15, HAF +15, JM15, RSB +15].

Gadus [BZS +16, BD06, Dri09, DABF +16, EZB +20, FHAH16, GEP +16, HSC +19, IAA96, JGM09, KVS +09, MMS +19, MDH16, MZH16, NHCL14, RG06a, RG06b, SRFR07, SCD +22, SH16, SHPM14].

Gain [PTO +16].

gained [BVB14a].

Gonatodea [SCC98, HTML98, HWS +98a, LCK +18, MYL +98, SMO +98, VAMPR +17, Pal04, SWB +18].

Gonatodea [CRT +00].

Galatheoidea [CNMM17].

Galathea [CPF +14].

Galateuthis [SRS +20].

Galway [LBvdB17].

Game [FSP +16, GGM +16].

Gammmarid [AGD96].

Ganga [CRP +05].

Gannets [GMD07, SGD +14a].

GAO3 [JLL +15].

Gap [LC16, LCS16].

garden [HCBL +17, VSFF09, dMGPT +14].

Garveia [SC15].

Gary [HWWM19].

Gas [SE96, EMPE18, GHD +18, HLS +11, JKB04, KWN +09, MS18, RDC +18a, RDC +18b, ROBV +18, SHL +11, SBL +18, WPB +16, WAM +18].

Gascoyne [HWTP07].

Gastropoda [CKFC18, CSE +22, NCK +22, SBE +07].

gastropods [CKFC18, FHK18, GFS15, JBOH10, SWZA02, SBB +11, WB09].

Gateway [MWFS17].

Gaudichaudii [WT12].

gauntlet [SCH +19b, SCH +19a].

Gaviera [SGPD +14].

Gazella [AHB +17].

Gdansk [BRBS16].

gear [HKS +13].

GEBRAP96 [CR06].

gel [RSF +99, VS10].

Gelatinous [SHM +20, MCCM +98, YSHS08].

gelbstoff [VR +02].

gen [CAK15, MB07a, SM15, UC13].

Gene [BMB +18, LVJC17, ETP +16, JBR +18, XGL15].

genera [BV04, BV04, CP18b, LdSN +18].

General [AKM +05, CDJ +22, DGP20, GG02, Hei02, KIY +05, NP03, VIF02, WMC06, WBA03].

generalised [BDL +14].

Generalization [Abr19].

generalized [KMD +11].

generated [Che02, CHG15, JMW +20, LH06].

generating [MC12, MTWH04, Rog00].

generation [ASM06, DFC05, PHM06, SA02, SAK05, SPW +22, SHA04].

genes [CCK +16, MHC +10, RSP +99, YLD09].

genesis [JY +18, CSG +15].

Genetic [ASMM11, CRT +00, MMN10, BLBW +11, BK96b, CSM13b, FRBB10, HD17, MN10, POG07, RLB18b, RCPPC13, VVM +12, WVT18].

genetics [BTM +98].

Genome [XSL +17].

Genome-wide [XSL +17].

genomes [FB14].

genomic [XZW +19].

genomics [NTA +10, XSL +17].

genus [ADE22, BDR16, CSE +22, CB18, CRT +00, DFD +11, DQC14, ELG +22, GJ11, KBK +18, LMS15, MN10, MM15, OKH +22, TY98, UC13, VV04b, XZW +19].

geo [KFS +17].

geo- [KFS +17].

Geochemical [FDP +14, GKH +07, GBC +05, SA15a, SBS +00, WZ03, YLR18, ZSLL15, ACBV +18, AST07, ASV18, BHSJ16, BHS +10, HdvGHM02, HFL +15, KHL +01, MFN +02, OTK +05, PBVC +16, RHD +11, RH07, RGS +15].

Geochemistry [FB14].

geo [SA18, ßY +18, CKH +05, FBCP01, GCM97, HHP +96, HWS +07, ITM +12, KBI +11, KSS +00b, LPFS97, MCG +07, MT11, MMWM00, MAR +17, PPR07, RAF +14a, RAF +14b, RSP +98].

Geochronology [RSP +98].

geographic [LZZ +16, NLHB01, NHS +13, WGG98].

Geographical [BE00, OUJ +19].
Geography [YXZ+22, NHCL14]. geolocation [Eks07]. Geologic
[GTB15, CES98]. Geological [SDBB09, Tho04, CTT09, FSG02]. Geology
[SDGH14, MT11, RSH10]. geometrical [TC06]. Geomicrobial [CBB+98].
Geomorphic [OBC+14, NHD11, PGM+15]. geomorphological [WGW+19].
Geomorphology [GBDM+14, HBCG14, KBW+11]. geophysical
[GPMZ+10, SC10]. George [HB03, KIM08, NKA+11, BH03, DZ08, EBG+11, 
HBBD03, NH+13, PS03, PBO+11, PDBH03]. Georges
[Ano97b, DL01, GDE+96, MLW+01, TMTR14, ADGA01, ABB+01, AGD96, 
BDW+96, BBR+96, BSM01b, BHC+01, BD06, BK96b, BGMH01, CRD01, 
CBF01, CHV09, CBS+01, DVC14, DPS+14, DC06, FC01, GTTB14, 
HLNO96, HF01, IAA96, JCF+06a, JCF+06b, LCD01, LMDW06, LB96, 
LM96, LCR+96, LM01, LBB+06, LLW01, MB96, MS01, MC06, MB01, 
MTK+14, MO96, MT96, NLHB01, NDG96, PWMC01, PTD+14, RPJ+06, 
RG06a, RYT01, SMS01, SHFM01, SM96b, TP96, TT01, TWL+94, WPLN96, 
WMS+96, WB96, WBBM01, WBML06, WBI+01, WOU06, YO96]. Georgia
[JBVW12, MMH+08, WT12, YMMC11, BJK+22, HKAM12, KWW04].
GEOSAT [WEB93]. geoscience [GDIK02]. GEOSECS
[BDM+03, MPS+03]. geospatial [LB18]. geostationary
[HF21]. geostrophic [BB03, Cok16, GGLP02, MRM+12, PS20]. Geotechnical
[GBO01, MMM+00]. geotechnics [MMWM00]. GEOTRACES
[BAC+15, BSS15, FCW+15, HAF+15, JLL+15, JSBC15, LOA15, MHFM15, 
OL15, RSB+15, SSUB15, BHS15, HMW+15, HAF+15, JM15, NESB+15, 
SML15, vdLCS+11]. Geotraverse [HTT15]. Gerlache
[´ARR02, D´ASCP02, ME02, Fig02, GCR+02, HZL94, IMP+02, KOLA+18, 
KgOC+18, LAF+02, MTD+18, RVZ02, RJGFB02, VFS02, dCHdOF+18].
gerlachei [KL03]. German [BM15]. germination [SKM14a]. germling
[VCM+14]. Getting [MCH+13]. Ghanaian [BMSBM+17]. GHRSST
[DIM+12, MDI+12, MDI+12]. giant
[CBNR+09, MAR+17, OCG+09, PCL22]. Giantism [SLT+14]. Gibbs
[CLJ+13, CLB13, FVW08, KJB+08, LAJP13, MSW+13, PBB+13].
Gibraltar [PNLF02, PNLF02, PNLF03, RVJG+05, BAC+02, ELB+02, 
LD+02, PNLF02, RVJG+02, SCGLD02, SWC+02, SABP+16]. gigantea
[JLL+13]. gigas [FEB+13, NA13, Sei13, SFMG13, SFGP13, TS13]. GIS
[AKZL16]. glaberrima [EWF+18]. Glacial
[ACFS02, HFM+02, LXWC21, LAT+18, Mun07, NGM+20, BL98, DW15a, 
FAS+03a, FLMF07, GBC+05, HSS+12, LRM07, MK21, YKY+07, CMVS+10].
glacial-Holocene [GBC+05]. Glacial-interglacial [NGM+20].
glacial/interglacial [LRM07]. glacialis [PCAS05, SRS+20].
glacialis/marshallae [PCAS05]. glacially [DBD03]. glaciation
[BDE07, YK16]. Glacier [SMV+03, VSGM03a, VSGM03b]. glaciers
[AMvD+12, GAL+12, GAL+20]. GLAD [WJR+16]. gladius [LPK+17].
glass [GJ11, NB10, SRS+20]. glauconite [Cha07, WC07a]. glaucony
[AST07]. Glider [MLW+16, HDGM19, JR15, KMG+20, PO15, SRA+09].
glider-detected [PO15]. gliders [DLF09a]. glimpse [JSSW14]. Global
Grotto [RBXM15]. Ground [KSB+03, NKE11, MSB+03]. groundfish [GBS+22, GBP21, MCS+09, PSZ+19, UKM16, VCDAL14, ZRG16].
groundfishes [DMFB19]. grounds [GSC+19, KHT+20, NDO+14, PCF+18].

Group [BKS+10, MTG18, HLA+06, MGT16, DIM+12, LMB+98, MDF+12, BVL04].
group-specific [MTG16]. groups [BRJM18, CAGL13, DRVVS+14, KRHS20, MBMM+99, MKT+15, PAR+08, SWBKK10, SHY10]. growing [GDIK02].

Growth [AELP14, HCAK17, HCLT+00, PB13, PFDD16, RQNO04, SPF10, SCD+22, STS11, VKG93, WBI+17, ARWM13, Arm03, AMK+05, BH93, BHC+01, BMFL+08, BKCV10, BD06, BES95, CD99, CLC+03, CHPF10, CTWJT03, Dal04, ER05, FC+96, FJG+00, FNS20, GSBM01, GKBG17, HK+14, JLB+99, JMG09, KUT+20, KKK+17, KM15, KMC05, KUK10, KUN10, KVL21, KVS+09, LBC+98, LST+11, LPDr+14, LBE05, LCL+98, LZL+22, LAF+02, LBB+06, MBHP99, MBD+17, MSH+07, MBC+09b, NLY+13, OVKNI11, OS02, ÖCB+04, PAM+04, PDT+10, PDT+11b, PC08, PZT+19, RRL+14, RB07, SRS+20, SBQ+02, SLA+01, SW01, SRFR07, SH16, SFW+13, VSM17, VSGPR14, VFFM13, VM13, VM+10, WZC+19, ZP04, ZDW+20].
groupys [MCS07]. Guaymas [PUP+07, Sot09, ZT00].

Guéthary [CMP14].
guild [DNDO4, WBD17].

Guinea [BMSBM+17, GMR+09, OCG+09, VGSV99, VPA+09, vCO09].

Gulf [Ano97c, BMHR08, Blo02, BCB+18, BHSJ16, BSL08b, CBV+16, CM16a, CBPT05, DR16, DTP+05, EBGC08, GPM+16, LCH+09, MML06, MB08, OMA18, PUP+07, QNL+16, SJRSON04, SW08, Sot09, SYK+13, TDKA05, WC01a, ZT00, ALHP18, AISR+16, AAG06, AYN19, AYMSAS19, AD08, ASK+05, AKK+05, AKK+14, ACK+14, Ano05a, Ano06c, ABS+14, ABC+05, AAW+16, BGIJ+06, BKP+19, BH08, BC05, BOHW22, BCN+16, BLM+10, BGB08, BHMK08, BSM10b, BT04, BPR+10, BWOR22, BMSBM+17, BAD+14, CTCD05, CB16, Car10, CRNP06, CA+06, CWS05, CHV+15, CM16b, CCM15, Col16, CDM+16, CPH01, CBHF10, CP05, CH19, Cra05, CAGLV+06, CBA+05, DMFD19, DMFB19, DHM+22, DGR02, DWPB13, DO19, DMH19, DPS+14, DC08, DGK10, DSO+00, DHS+09, DQC14, DM16b, DSC+19, DKI+00, DI00, Duc93, EBDL08, ER05].

Gulf [EWF+18, FLLG04, FR10, FHR+14, FME+09, FA02, GLCP12, GMR+09, GOH+15, GLDCA+06, GPMZ+10, GPFL6, GSC+19, GBS+22, GDAMS19, GKR+18, GQ0+05, GMPS04, HDK08, HHD+09, HLC+16, HML+06, HS05a, HGB04, HCG+09, HPH+16, HSC+19, HKY+13, HNRGL06, HDJP05, JW0+09, JCP05, JD08, JASS02, JMSW05, JP06, JTDG13, JBS+10, Joy16, JBÖ+16, KMLC+04, KAI21, KCM05, KCAO5, KEL01, KTP05a, KAM+14, KI09, KL+19, LSC05, LMM+97, LSM+06a, LPCC+10, LPPC10, LHM14a, LHMM14b, LDG16, LM13, LL14, LLG+16, LSW07, LLK05, LTH05, MSH10, MPMD+06, MMS+16, MTK05, MMS+19, MPA09, MAST05, MAL05, MBC+14, MHFTZ19, MHPS19, MO96, MHC+10, MHSV18, MSK+19, MCA+09, MZH16, MSBH6, NOLAZ04, NRH+06, NR06, OMS06, OT10, OCG+09, OJK+10, OBH+19, PCB+00,
Gulf

[PCJ+05, PHK+14, PAM+14, PSZ+19, PSAY20, Pri06, QED+14, RT14, RMCAR06, RFJ10, RSH10, RSRL00, RPF+16, QRVM10, RWN+08, RK08, RMB08, RSR+00, Roy05, RGIIH+06, RGL06b, RN06, RYT01, SCL+04, SVA+04, SMR+06, SR08a, SVB+19, SVR+00, SY04, SKD+16, SKM14a, SDB+19, ST13, SMBL19, SHFM01, SR08b, SCB+16, SBC+16, SGM+14, SCS+98, SSC+00, SMTSA05, SCH+19b, SCH+19a, SMB+18, SFB16, SFB19, SPF22, Tho97, TTFJ13, TC06, TMC04, TBT05, TPT05, TMTR14, TLK00, TB05, VGSV09, VPA+09, VSR+00, WSS+08, WJS+10, WJR+16, WI08, WC01b, YSMW05, ZDA+16, Zim19, ZDO19, vCO09]. **Gulfs**

[GSAAMM04]. **Gully** [GCP14, KCM+14, MMK14, MM14, SSG14].

**Günther** [KPBK08]. **Gurjanopsis** [MB07a, MB18]. **Gurjanova** [EGMB13, MGE13]. gut [WPFB11, YOO+10, YQMB20]. **Gwaii** [HBCG14].

**Gymnocanthus** [GNB+17]. **Gymnodinium** [FRBB10]. **Gyre** [JPM99, AKBD13, Bat01, BTR20, CSH+13, CBF+16, EBB+08, FHR+11, HLG+21, HZT+06, KQ02, MML06, MSCO, MWF+19, MSS+02, NI10, RKHK+11, Ros99, AKH+02, CBF+13, G093, HdB+02, KBL01, KFR+05, LKL+13, SF99, TMW+05, vHHH+11]. **gyres** [BGKB06, KKKNH02, MSC+19, TTLP06, GSW+09].

**H** [Ano97b, Ano97c, KLO98, MPS+03]. **H3** [PC00]. **H3/M1** [PC00]. **HAB** [ACK+14, RMK+14]. **Habitat** [BFDB17, DAB+18, EHK+20, HMF11, LVP+17, PMF+17, PSZ+19, PTS17, SGP+14, SLS17, SMV+13, SJJ19, AD08, ADK+15, AHB+17, BF14, BRBD17, BWH+17, BCF+04, BHBC08, BOH+04, CV17, CWEHT22, CW15, CWE+17, DHS+14, DVS+14, DW15b, EWF+18, FRH+98,GPCC+17, HCB+17, HH03, IABR+17, JMM+13, KG20, LLD+17, LPD+17, LGP+15, MDT511b, MFP+17, MSNL09, MM14, MST+14, PHE+18, PRORS+19, PWB+06, PGM+15, PGPP+13, RDW+22, RCM+17, SDT+17, SH11b, SCD+22, SFH+18, SSB+06, SBC+06, VGSV09, VMAW12, VSR+10, WMB+13, WI20, WNH+15, YSMW05, YSBH06, YBRT17, ZRG16].

**habitats** [AMTE09, BvGH+17, BRBD17, BHSJ16, CHV09, DGT+17a, DCF+18, GSM+08, GBJ+15, HYMD11, HBC+12, JBS+10, KBFH14, LRL+22, MdSLH13, NRS17, NLS09, NDE14, NBCT13, PBO+11, RRT+17, RSB+17, RHPR15, ST07, SkDS+14, SJST13, VLC+17, YK05, ZLW+19].

**habits** [ABC+05, GNB+17, KHT+20]. **HABs** [Rai14]. **Hadal** [JFC18, JSWB21, BFB+18, CW18, JLL+13, Jam18, KBR18, LML18, LS18, LWFW18, RLB18b, RJP18, SLW+18, XGF18]. **Hadd** [BMM+99]. **haddock** [BD06, LM96, LCR+06, WPLN96]. **HadGEM2** [TdFAL19]. **HadGEM2-ES** [TdFAL19]. **Haecker** [PPC+07]. **haemoglobin** [VPd06]. **hagfish** [CHG15].

**Haida** [CBPT05, DFC05, HBCG14, JMSW05, MRC05, YC05]. **Hainan** [bLHL+13, ZHY+13, LWSZ13]. **hake** [SSP14]. **Hale** [NCL13]. **half** [BCW03, CTBNL08, LPA+95]. **half-lives** [LPA+95]. **halibut** [Loh08]. **Halichoerus** [MCS07]. **halides** [MW06]. **halocarbons** [ALWW04].
halocline [AKH+02, GF97, MTT+12]. halogenated [ABC+04]. halomethanes [HTS+09]. Halomonhystera [GK+16]. halosaur [KPBK08]. Halosauropsis [KPBK08]. Hamilton [LPZ+04]. hand [YKN07].  hand-raised [YKN07]. Hanging [HBCG14]. Hanna [ACG+17, DGT17b, LGH2D0, LMM+17, MD17, WFW+17]. happened [AGL+19]. haptophyte [FGF+14]. Harbor [KSDE16, MS09]. harbors [BBMY14, BMR+14, SLT+14, Ste10]. harp [FPHH+09]. Harpacticoida [AS01a, SLB18, VK04]. harvest [JR04, RH14]. harvests [FBB+13]. hatchery [WWB04]. Hattera [SSV02]. Hatteras [AAG02, ASBM02, BH94, CLT94, CDL94, DCR94, GAC02, MBK08, Mit96, MTDK98, RBN]. harvesting [IUDV+12]. Hawaiian [DKN+08, KND+08, NKD+08, TD16, BL96, CFJL96, CCW+08, Chi96, CW15, CBT01, ESL+16, EFR+16, KL96a, KL96b, LSM96, Mah16, MBNRB08, Mit96, MTDK98, RAL+01, SKM01]. Hawaiian [DVS+14, CRJB08, KM96, Mah16, MBK08, NSMNB08, RBN+08, VMM+08]. head [OACA19, PGW+15, RGS+15, SW08, SR08b, WC07a]. HeardMap [FG07]. hearing [EF98]. Heat [Cra05, KDU+10, MMXS02, RJP18, SJM02, BOHW22, BCFB03, CL15, DAA+20, DZ08, DRS10, FHR+11, FWR+11, HWP+11, HFP94, KAW+16, KIS02, LB98, MS12, MSB96, RS02, RBXM15, RFLH99, SE96, SWC+02, SMB02, SBS+02, VGF02, WDD+22, WZW+22]. Heat-shock [RJP18]. heating [PLRV22, WTSP07]. heatwave [MCH22]. heatwaves [QQJ+21]. heavens [GBI10]. Heavy [Kos01, OPV11, KFW01]. Hebrides [LMJ18]. Height [DKdS+03, LBB11, WP17]. heights [Mit96]. Heinrich [CMAO+12]. helgolandicus [UFAK06]. helicina [BTBF12, BJF16, PTM+16]. helium [JLL+15]. hemisphere [LB09, BCh+19, YK16]. hemoglobin [DZL+17]. her [CPM+18]. Herald [PPT+10]. herbivore [Ant10]. herbivorous [BEJS93]. herbivory [CDL+00, EBS99, OS02, RPAD99, TRWB99, YJL16]. Hercules [WPB+16]. hermaphroditism [TMBTS09]. Herring [SNMH18, ASF+16, BE18, GKR+18, GBP21, HSBT19, LB18, LSHB09, MKS+20, MHSV18, Pro09, SMB+18, SPP22, TKF07]. Hessler [KBK+18, PWCL98, SLM98]. heterobranch [CC13]. Heterobranchia [CC13, CKFC18, CSE+22]. Heterocapsa [SAKP+22]. Heterogeneity [SDB+18, BG94, DVS+14, MHA+15, MARFP08, PPA10, PE17, SL94, VGSV09]. Heteronemertea [CAK15]. heteronemertean [CP22]. Heteropoda [IBO10]. heterothally [FRBB10]. Heterotrophic [DSC+01, HRM+06, KKK+17, SSF97, ZSB01, CJK+16, DMC+01, HKY+16, JCW09, KSH+09, KRB95, KHC+09, KMO+10, KSS00a, LLS+19, PLT+13, PTT+10, PTT+11b, PAVGBG02, SBSH99, SIS+02, SIFS10, TR02, VSS+93, VBC+95, ZXL10, ZDA+16, ZSN+18]. heterotypic [BKS+10]. hexachlorocyclohexane [JKB04]. hexactinellid [HCBL+17, TGU+06].
Hexactinellida [GJ11, JTT04, KGB+14]. hexafluoride [LWLS98].
hexosamines [GK02]. HF [KL06, SP09, YSWJ16, CRS+19]. Hidden
[RHK+10, TMC+14, BHI10]. hierarchical [KG20]. High
[BShM01b, BCKH07, DIM+12, DJCF09, DLB02, GDE+96, KLY+15, KN97,
LB07, LDGH16, MDF+12, MTG18, MGK19, NSvH+11, NHD11, RSW+13,
RGS+97, RMF+17, SC10, SKK+16, YY04, VVM+12, VT09, WMB+13,
WP00, YMMCl1, AELP14, BCT21, BKY+17, Car07, CLB96, Cha03,
CWed99, DMC+17, Dr909, DSC+01, FPLB+08, GAP+06, GBB00, GLK+06a,
GPC14, GKGW22, HBT+08, IMP+02, Kiy+05, LRN+14, LGF03, LEP14,
LB09, LMG93, LHx+22, LAPL+16, MCH+13, MFSF15, MBB+02, OCP18,
PCT18, PMLM+02, PHD+11, PZL+09, Que13, RAC+20, SDLB+15, SAG+10,
SBS+00, SKD+16, SPL+09, SKL+22, SFPH+08, SFB16, TRM+07,
WWM+12, YLG+18, ZSN+18, DGT17b]. high-Antarctic [GAP+06].
high-Arctic [SFPH+08]. high-chlorophyll [TRM+07]. high-definition
[MCh+13]. high-frequency [BCT21, GPC14, SLP+09]. High-latitude
[MGK19, Car07, Dr909, GKGW22, LB09, SKL+22]. high-nitrate [LGF03].
high-pressure [LAPL+16]. high-productivity [IMP+02]. High-resolution
[BShM01b, DJCF09, GDE+96, SC10, VT09, WMB+13, YMCC11, AELP14,
BKY+17, GBP00, GLK+06a, HBT+08, KIY+05, LHx+22, MFSF15,
PMLM+02, RAC+20, SBS+00]. high-temperature [PZL+09, SDLB+15].
high-throughput [LEP14]. higher
[BLSW05, NBBBT13, OYK15, OKY+17, OJK+10, Pon05, SA15b]. highlight
[HRT14, LVP+17]. highlights [WKLM15]. Highly
[CBV+16, BS05, BS06, JSP+17, KCY+16, LLD+17, LPD+17, MAA+04,
MAA+05, RMBW07, TCG+18]. highs [RV00]. Hiiumaan [SSAF02, ASS02].
Himalayan [NGM+05]. Himalayas [HFKL03]. Himawari [HF21].
Hindcast [AKZL16]. hindcasting [SHM02]. hindcasts [HGB+13]. Hints
[BJP+22]. Hippoglossoides [DKP+14]. Hippoglossus [Loh8].
Hippolytidae [NCL13]. hippurus [TMGLM19]. Hirudinida [UC13].
historic [Kos01]. Historical
[ARWM13, ASBR17, BBR+96, DBC+19, EEA+19, LB011, WH98, Wil98,
BA02, KY17, MBG18, MAH+12, RJ05, ZDO19]. historically [KAHS20].
histories [CMC11, IDS04, Vr09]. history [BCG+22, BDG+04, CKS05,
DM16b, DSC+19, Gag04, Hill+19, Hill+20, HPH+16, KCM+20, Man94,
MF93a, MG13, NA09, PSS+16, RS15, SI09, SDB+19, SUC+22, Th04].
HNLC [HCG+09, LST+11, LGO08, MBS+13, WCY05]. HNLC
[LS+11, PHS+12b]. Hole [KOS+16, KKT16, SKS+16, TSOT16, FMW07].
Holes [KOS+16]. Holocene [AVS18, BGH+19, GBC+05, HTD00, Led93,
LXWC21, MA05, MMS14, PDB10, RPHS00, SDR+14, WC07a, YKY+07].
holothurian [GTSC08, GRB+17, OKH+22]. holothurians [FBBW+10].
Holothuroidea [MP17]. holozooplankton [BHK+10]. Homalorhagida
[AM15]. homothally [FRBB10]. Honey [PPFJ+09]. honor
[Lut09, Lut15, Won15]. Hood [Gee02]. hooded [FPHH+09].
Hoplonemertea [CP18a]. hoplonemertean [CP22]. horizon
Hydrochemical [RH07, Joy16, LLG+16, PFDD16, QNL+16, SEM16, SAW16, ULTL16, WZL+16, YNG+16, ZA16, ZJA16]. **Horizontal**

[CLC+20, GGF+08, HCBP97, MY99, MRL101, Mun14, Mun16, PBN10, WAL+11, BFDB17, DL01, FGF+14, FGH+13a, FSGV+09, GGMTMG+10, KBSS93, MMY+20, Unl05]. **hormones** [BFSK08]. **Host**

[MAR+17, BCE18, MNB02, TBSP+18]. **host-parasite** [TBSP+18]. **hosted** [Rai11]. **HOT**

[KM96, KL96a, Ano06g, AZYT16, GS06a, PBFS06, ZKSS06, CBT01, Fir96]. **hotspot**

[BSH+11, KMMS18, LBSB+17, LAP+17, OPDM11, PUB+06, RSR+19]. **hotspots** [JHS+17, POI17, PWB+06, RB06, SBG+06, YSBH06]. **hours**

[DZY+01]. **HOV** [NKBB+18]. **Howard** [BDG+04]. **Howe** [ANS+11, DLHH11, Har11, KBW+11, NHD11, PWN+11, RHD+11, WACGH11, ZRC+11]. **HPLC**

[ABKL96, ESK06, FYI03, LB98a, RVZ02, WvdE00, WvdEP+10]. **HPLC-analyzed** [LB98a]. **HPLC-derived** [FYI03]. **Huanghe** [KW03].

**Hydrolagus** [ABB+11, FPW02, GDE+01, HNB+96, ML+96, ML04, OCT+18, POI01]. **Hydrogen** [ABB+11, FPW02, GDE+01, HNB+96, ML+96, ML04, OCT+18, POI01].

**Hydrologic** [HM14, CR06, Can06, CBS+01, MBH+96, SC15]. **hydrological**
VTA+11, VMI+08, WW99, WSE+16, WYOS18, WLY+22, WLA11, WPW95, WTT+20, WNRM08, WMA11, WSL+11, WvdE00, WBA03, XAY+11, ZAC+15, vMLG+11, WLA11. ice-covered [CDRA08, DC12, KSM+11, MGC+14, RHPC+19, RFHL99, SSMM+08]. ice-edge [BBB+03, DKGT04, MWB95, UW99]. ice-face [SRB+11]. ice-free [DI00, SCM+02]. ice-melting [HCL+22]. Ice-ocean [UW99]. Ice-rafted [SIA+05, CLGM05, DF16, Heb00]. ice-shelf [GDD+11]. ice/ocean [McP08].


II [AN06, Ano95b, Ano96b, Ano96g, Ano97b, Ano97c, ADGA06, BS06, CC00, CM16a, CBF+16, DTWW21, ENM+16, EWA+03a, FH09, GAL+20, HOD+09, HTS+09, HII+20, KSH+09, LLM+03, MAA+05, Mun16, NHS+09, NOT+09, PNLFS03, RDL+09, RVJG+05, RSCFT+16, RAF+14a, RDC+18a, STN+09, STF09, SvdMc+16, SSK+07, SMGB03, SSI+09, TP02b, TSM09, UWT09, VSGM03a, WJD+00a, YO1+09, Ano96d, An09, BA94, Bis94, BFF94, CVM+01b, CLJ+13, DD15b, DJCF09, DBC+02, EAS+09, FC01, GHS09, HL+09, HS13, HKN+09, HWCT08, HZL94, KTP+20b, KWN+09, Kek94, KGdC+18, KNC+09, LCS16, LPD+17, LAB+17, LLK+09, MTGY05, MJW+06, MDTS11b, MLS+06, MLBB14, MHP+07, NTK+09, PLA+17, RSI10, SH09b, SUB15, Sei13, SS05b, TBC+17, TSZ10, TNS+09, TDKA05, VQ97b, VCG+20, WDFK+22, WTCB09, CDB94].

III [Arr16, ISB+11, NVB08, Ano96l, Ano96d, BKB+07, BSX+10, FL04, LAJP13, LS14b, MSJ+06, NKD+08, PTD+17, SA03, CHU+00]. iii-xi [Ano96]. IIOE [HB19, HBV19, HBVG20, HBVG22]. IIOE-2 [HB19, HBV19, HBVG20, HBVG22]. IIOE2 [RT20]. IIOE2-WIOURI [RT20]. image [Ano17f, Ano17g, Ano17h, LDHO+14]. Image [GTB15]. imager [HHZ10], imagery [BY04, DNH+02, HEW15, KI18, SBH+01, UY04]. images [KCTG16, MCH+13, NR06, TAB+16]. Imaging [HSM11, LCW+07, BXS+15, BFX+14, JOD98, MMY+20]. imbalance [BHS+10]. IMEOCAL [SMPSG+04]. Immediate [WPB+16, HZYZ10]. Impact [BCN+16, CKH+05, CBPT05, DGP20, FM03c, GM+20, GKO2, HFL+15, JB+09, LWSZ13, LHX+22, MTK+18, MQACB08, MKS+02, NB04, OJK+10, PWSF19, QW15, RSN01, SVC+08, SWZA02, SBG05,
SRA±09, SBSW07, TB05, VHM17, WHF±19, WW04a, WA02, YZZ+16, ZWQ±19, ARNB01, BGOL01, Bor01, BSN±15, BMT20, CSA±09, CLSS15, DCC±17, DBG±16, DB7b, DW±02, Fed13, FWP±07, FSG02, FHW06, FPGH02, Fro04, GDYW02, HS01, HBR11, HDW±20, JCF±06a, KHL±15, Kla97, KC00, Kyt02a, Kyt02b, LCS±06, LSNH15, LLC±16, MBH±96, Mas02, OE06, ODR±19, OM02, OT03, PHOM09, PF04b, PAR±08, PPM02, PDC±21, SAG±10, SRH±11, SSH09, SRF95, SPD±11, SSA02, TSA±01, TGF02, WJD±00a, WJD±00b, WP17, WTSP07, WL02, YHK15, vHSM04b, vOSG+11]. impact-induced [WL02]. impacted [PFDD16, SAW16]. Impacts [Arr15, Arr16, FAS±03a, HSHT19, HH20, HAE±15, HK19, KS±08, LDW22, MBL±15, PSA14, SYK±13, TNL±16, VSC±11, ARLA03, AJP±22, BT98, CTD05, CTT09, CKB±07, DWM±15, EZB±20, ETD±11, FPB±14, GDIK02, KYW20, KIN±10, KHL±01, LH08, LHsL±13, MWT±17, MDTG13, OBRJ01, OGJ±19, Pas18, SM12, SZB±19, SMB03, WPB±16, WNHF±15, WBA03]. impedance [JLAD95, SGGW11]. Impedance [PRDB±17, CMS±12, DSB±20, KFW±19, RSR±00, BT15, BLM09, BAC±14, CAFK03b, CSGC03b, DCR94, DB02, EGG±05, Gag04, Hei02, HK08, IIM02, JRJ±22, KM05a, Lin16, MHFM15, RG06a, SJST13, TRWB99, TMTR14, VGBPA02, MTE±02]. Important [PRDB±17, DM16b, GKGW22, LGL±22, LGL±08, MM14, SDB±19, WTA±18]. imposed [LTH05]. imprint [BCWT00]. improved [BFA±08, HDGM19, KMK±20, PW15, SBL±18, XA09]. improvements [TAB±16]. improving [JKE±15]. in- [ONRW10]. In-situ [SA001, BB03, GMR06, LFPC14, MRM±12, TIP±20, WC06b]. inactive [EMV09, LMKL09]. Incidence [YLB±18, BCN±17, BTR±20]. incident [WPB±16]. including [CPM±18, CGG±19, EMG±15, GJ11, Joh19, LPA+17, MBD±20, VTD±20, Züü05]. incorporated [CAJE15]. Incorporating [LL17, GJ11, IHPA16]. Incorporation [LAB±17, ME02]. Increase [PWF03, Ber01, CV17, JS14, LMDW06, Met09, SGB14]. increased [BCVCHW04, LL01]. increases [NW01]. Increasing
incubation
incubations
[LLB+00].

[MTK+14]. Indented

[PFW+09]. independent

[LTG+09, LPK+17, OLP+20]. INDEX

[Sha+01, ACK+14, Ano98f, Ano99e, Ano00e, Ano95g, Ano96a, Ano01b, DW+15b, GQ+09, GGP+14, JRGLJ+19, MCBC+08, SBR+97, SdS01]. India

[FI2+01, RV+00]. Indian

[ACD+17, Ano05c, AJR+15, BSM+01a, BHS+19, BBE+13, CHG+20, CG+21, CBA+20, DRR+17, DT+03, DFL+19, GHG+105, GMMS+05, HLG+21, HNM+20, HBR+19, HBVG+20, HBVG+22, JK+10, KNV+10, LBSB+17, LDBS+17, LFKF+17, MV+19, Met+09, MS+01, NG+10, NRSL+17, NMR+10, NRI+20, PMS+20, PR+17, RTG+97, RBA+01, RTM+20, RSN+01, RAB+17, Rog+17, SAKP+22, SD+01, SRW+10, STB+17, SSI+19, SBC+17, TSS+20, ULH+21, Urb+20, VAM+97, VHS+07, VTM+20, VS+10, dSSB+01, ARL+03, ADE+22, AA+15, ACS+15, AMP+03, ATLD+20, ACR+20, ADAM+02, BRG+19, BBM+08, BFT+97, BSG+02, SBR+17, BHHM+12, BBV+00, BMO+93, BLOM+93, CRA+20, DS+21, DBR+22, DSN+20, DMW+07, Duc+93, DDB+97, FLM+10, FML+93, FM+03b, FM+03c, FM+002, Gal+97, GMM+20, GBL+08, GAJ+13, GVD+97, GFW+07, HCL+12, HPWP+07, HBV+19, HMA+20, HAD+19, JBC+21].

Indian

[Jen+03, KK+19, KQ+02, KCM+20, KIS+02, KBV+97, KMD+11, KVL+19, KLY+05, LCT+20, LHY+22, LPFS+07, LQF+02, LPS+15, MM+02, MT+15, MFPL+19, MAN+20, MGT+20, MB+03, MTE+02, MPJ+13, MKE+15, MV+19, MHA+15, MWI+17, MWF+19, MMJ+03, MB+97, MBO+07, NGS+15, NGS+20, NG+20, NSKG+96, NGM+05, NDD+14, OvdRv+22, OB+22a, OB+22b, OBM+93, PDA+20, PKW+07, PJC+19, PPB+22, PM+20, PKZ+93, PZP+93, PDG+03, PPR+20b, RHL+22, RBMW+02, RP+17, RGH+97, SGA+15, SLC+20, SG+99, Sha+01, SMP+15, SMB+02, SBN+15, SBA+20, SBR+97, SWCB+02, SSS+22, SVS+20, SZB+19, SJJ+19, SB+22, TB+97, TPW+17, TPS+15, TRB+19, ULH+21, VYV+02, VGF+02, WQ+99, WST+15, We+99, WCMC+06, WSBF+02, WNA+10, ZDW+20, Zon+97, ZGFF+22].

Indian-Atlantic

[BSS+10, CC+14]. indicate [BSS+00, CC+14]. indicates [JHHK+14]. indication [CRS+19, LAP+17, RB+04]. Indications [RP+14, SHW+22]. indicator [AMJR+19, AC+02, ADE+22, BHH+07, HCR+16, KME+18, KBR+18, SL+15, SAB+08]. indicators [BGG+09, BHS+10, CBB+00, CL+03, HDVG+02, P+97, RBA+01, SPW+22, WSB+08]. indices [IAB+17, TSW+12, WCS+07, WLT+20]. Indies [MS+18]. indigenous [HBB+13, KR+07]. indirect [RTC+07]. Individual [TCE+07, CCH+05, GSC+19, HPH+16, KY+17, SOS+01, S+19b, S+19a, ZOB+96].

individual-based [GSC+19, HPH+16, KY+17, S+19b, S+19a].

Indonesia [CSS+10]. Indonesian

[DH+19, GGI+03, HS+04, PHS+03, SP+03, TSS+21, VGF+02]. induced [AGL+19, BLM+13, BTU+08, CD+12, EB+01, FBC+01, GDL+22, GBD+11, HOD+09, HF+21, KHL+15, KWT+16, LLK+09, MPPR+14, M+17, MST+22, N+10, OCL+08, STN+06, SVC+08, SP+00, SD+22, VLS+04, WDFK+22].
influence [BCG04, CBHF10, DLLM08]. inertia [MSJS08, SMD06]. infertial [CW22, KHL+15, PF06]. infauna [Bla94, CDRA08, FB15, Hi94, KGB+14, LPS14, SC014]. Infaunal [CAC+97, BH94, BN04, BMOV09, CKB+07, GMBL10, LT03]. inference [GWDP11, IHPA16]. Inferences [DKZP16, LLB+00, LPL+22]. inferred [CFV+18, DH0+02, EBG+11, GNT+17, LWA+04, LH08, MHC+10, NMS09, SCH+19b, SCH+19a, WEB93, WYPY06, YKO15]. inflow [JC03, SABP+16]. Influence [BCG04, CBHF10, DLL+15, DK+00, EWBW99, GRI+08, GSDS+14, Hat02b, HAGW+13, JWC09, JDL+22, JAM+14, LCW20, LT16, MK21, MHTZ19, MCH22, MARFP08, OCG+09, PMM14, RV00, RYT01, SFR07, SDAH+12, TC06, ALWW04, AKBD13, BMC99, BC05, BVCW04, BMH+94, BHHM+12, CMB02, DBD03, DZL+17, DVP06, ECS+17, Gaul07, GrdRGLS04, HCHD09, HS03, HNB+13, JK+17, KK+06, KG+01, LTTG+09, LWB+20, LTE+22, LPM+15, LPPK14, MNBV08, MT15, MBS+13, MMT08, MW06, PGK14, QSA+09, RHP00, RNP+93, SGW+15, SHW+04, SMH+11, SM+18, SLLT10, Th07, TWG00, UIS+03, VGSV09, VPA+09, WC06a, WH01a, WRS99, Yud09, ZAC+15]. influenced [ATLD+20, BMD+17, CCZ+21, DRVVS+14, HSC+07, KTP+05b, LRL+22, MMM+00]. Influences [CCL+14, FC09, BGCH20, CMC11, DVS+14, DGN+17, LDBS+17, Pa04, PTWM12, RHB+20, RMK+14, SG99, SMNH18, SB22, TSWJ12, WPLN06, Wil98]. influencing [CBS10, DP07, DC08, HNNK+04, LNDH+17, OT12, RGII+06, SHB14, TDCV+06]. inform [BH14, CWEH+22]. informatics [BC08]. Information [HM14, BC08, IABR+17, MPJ+13, NHS+13, SLD+13, SCQ+09]. informed [SPW+22]. infrared [MSC07, MR13]. infusions [ST09]. ingestion [ADS+02, ABB+01, LWB+07]. inhabiting [DMH19, FARLR+13, GBP21, KG20, LMG17, MZH16, NHH+13]. inherent [KL+15, NRS14]. inhibition [RBW16]. Initial [AKM+05, FRI0, DKS+03, FRC+10, FC09]. initially [ZA16]. Initiation [MH03, AMP+03, SMSA05]. initiative [Col16]. injuries [SEM16]. Inlet [MCH22]. inner [CP02, KHS+02, RTFB09, SMR+06, SH02]. inner-shelf [SMR+06]. innovations [MPM+16]. inordinate [BL09]. inorganic [Ano95b, BWL01, BH05, BDW+98, DLF+09b, HCRX16, JBVW12, MBW+03, MBD98, MCJ+99, MLS+15, NsvH+11, OENB01, PPF17, RZL+10, SMY+98, SMS+07, TT01, TA01, WPG+07, WKM+07a, WPW95, WC02, WNW+02, ZHD+08]. Input [Aar03, BD04, SRH+11, Th07, CRS+19, CL15, DLW+17, GCN+97, HWL06, LGF03, LCW+07, RPF01, RBP+94, UIS+03]. inputs [DDB+17, DBH+20, GCM+97, HSC+07, KMT20, LLLP+03, MFM15, PW05, SSB+17, SZB+19, TGPGCCS+02, YBHM05, ZLJO]. Inshore [DO19, CGR+00, Zip19]. Insight [RTI+16, XZW+19, OS02, WGW+19, YLD09]. Insights [AGPR95, AT10, AELP14, BHP20, DQC14, HWS+13, KCZ+19, LBM10, LEP14, MRB+14, MMTT+20, MPF+17, NCSO13, SKD+16, SFR07, WDD+22, Web19, WL02, YLU+14, YOI+09, ZDA+16]. inermis [HPL+12].
intergovernmental [GBK19]. Intergradation [ZJFV15]. interior
[HM93, HDCM95, HDP199, HFM*00, HDDB*02, MFPL19, MS06b, RvAH10, TKF16, TBB*08]. interleaving [JLM20]. Intermediate [BSZ99, KOR06, MBT97, NRBO*05, PG97, You99, You10, BTP*18, CDCC03, CMAO*12, CKS05, HYK*02, KFS*10, Las93, LRM*02, MAK*16, MWB*09, MKD*01, PRB*11, RG03, SLDR93, SVKT20, TNT*15, YLBdR03, LOA13]. Intermittency [BASL04]. intermittent [SS05a, SS05b]. intermolt [CM01]. Intermonsoon [MGHN01, Sam01, DLL*15, FLTV97, KDG*97, WT14, W099, CD99, DCM*99]. Intermonsoona [LB98a]. Internal [GLM04, GK04, NOLASZ04, PHM06, PFDG08, SHA04, SFD04, WTJ*19, ASM06, BVGE*06, HAC*14, Hol06, JMW*20, JR15, LH06, MS06b, PTM*16, San13, SN04, TCM*22, WMB*08]. internal-wave [MS06b]. International [Ano05c, Ano07c, HAE*17, HB19, HBV19, HBVG20, HBVG22, JM15, Urb20, WMA11, Hem99, MH02, DFF02]. interocean [MB03, YLBdR03]. interplay [DJC*14]. interpretation [Mas02, THM*13, Tho04]. Interpretations [SKM01]. interspecific [APMN*17, FBBW*10, LSWH07, RHM13]. interstitial [BAKF03]. intertidal [KI18, MK21, SLK*22]. intertropical [KK19]. intervention [AH17]. Intra [Chi96]. Intra-annual [Chi96]. Intraspecific [ARWM13]. Intrathermocline [JCP17]. intricacies [BFG*10]. Introduction [BAC*15, BDG*04, BEG07, BL08, CH11, CPM*18, Cor10, CG15, DB16, DWJ*15, DH03, FdBGP11, FH09, GO15, GSF*19, GSF*20, Har11, HWCT08, HWCT11, HD07, HWJ20, IKQU03, MRR93, MB13, MCB18, MGH*16, ML06, MJG95, Mur06, NL11, OBH*19, PTP09, RL03, RB13, Rg17, RK08, SMD08, SH10, SBG*06, TRO16, UWT09, WLD15, WBM*10, WSSN10, ZS19, Ano99a, BNM08, BFF94, BD94, BL01a, CA06b, CHS17, CM99b, DKSF01, FL04, GMCF19, GG02, HS13, H020, Liv95, LS14b, MM97, ML04, RP17, RJ05, STM04a, STM04b, SD08, SAM*00, SHR20, SBvdL02, SYB*11, Th01, VNA*16, VHS07, WCB08, WCO1a, vHSM04b]. Introductory [MT11, WTP*07]. intrusion [Bak98, WSCA*16]. intrusions [FHP94, KL96b]. inventaries [Ahr19]. Invasion [PK08, KMS*02, TY98]. inventories [CG18, PHK*14]. inventory [Ang10, DDS11]. Inverse [VS99, DRD06, HZL94, RJDR06, SH99a, SH99b, Sch02a, VSR*00]. Inversion [SVS*20, PSE*93]. Invertebrate [PDT11a, SM96b, ARB*13, BFS*17, HSR*22, KBKW13, NCSB*98, RL8*18a, TRB98, WACGH11, WAM*18]. invertebrates [HT17, KMA*18, LBE06, LT03, PDK*14, WR09, WMGC14]. investigate [AWL*09, PDA*17, PL*17, vBR*08]. investigated [JBR*18]. Investigating [BDL*14, BAD*14, ESA*09, EAS*09, GHÖ*13, Loh08, SHB14, TYBY06, UKM16]. Investigation [HS004, JDL*12, WTI*20, CWT8, GDYW02, KDMH18, LKK*95, NHS*13, PS05, RGS*15, ROBV*18, TPP*20]. Investigations [LAC*09, Bas19, GBO01, HBBD03, LCT*07b, LCT*09, LKTS01, Mal04,
MSSD03, PLS+03, PdBK+03, SC16, MAH+12]. investment [RHM13], IO9N [BRG+19]. IOC [CM99b, ZMY13]. IOC/WESTPAC [ZMYS13]. IOD [KK19]. iodate [BCH+11]. iodide [BCH+11, FLTV97]. Iodine [FI02, CFJL96, WZ16]. IODP [AK1+16, OTN16, PBVC+16, WOW+16, Zar16, DF16, Hus16, IOTS16, ITK+16, KOS+16, KKT16, LSOM16, OM16, SKS+16, TSOT16]. Ionian [BFT10, BLSS10, MSA+14, PVK+20, RBCG10, SC10, STD+20, CMVS+10, DM16a, ESL+10, MTR+10, TGLN93, VPA+20]. IPY [SMH+11]. IR6 [SWCB02, WSFB02]. IRR [SIA+05]. Ireland [BRG17, FVSRR14, Rai14, TFR+10]. Iridium [Kyt02b]. Irish [vdLEM+14]. Irnæssing [GGDF08]. iron [AMvD+12, BA01, BL01a, CVM+01b, FCG+96, FBCN00, GBH+01, GSBM01, GAL+12, GAL+20, HMS+13, JMSW05, LCVMD+16, LLK+09, MFG+93, MDGF01, MSH+07, MHP+07, ÖCB+04, PHD+11, PSL07, Qué13, TBC+17, TWN+06, VSD+97, WLI00, WJS+06, ZOB+96, vdMLB+11, AHR+06, AISR+16, AN09, ASH+11, ACBQ08, AM02, BTV+11, BWL01, BBM+08, BSD+02, BSL08a, BQT08, BABB08, BML+06, BMF+01, BGH99, Boy02, BBB+11b, BSS15, CGM+07, CGSZ13, CSW+17, COV+08, CFJ+98, CWTJ03, CHH19, CAOT04, DVS+97, DP99, DVP06, ESDM13, FAS+03a, FME+09, FCW+15, FGH+13a, FCBP01, FC09, GJC98, GSC03, Had11, HRM+06, HLSL01, HOD+09, Har06, HTS+09, HKN+09, HGC+09, HNK+12, HWS+98b, JBS+13, JBM+08, KSH+09, KLM+11, KTF07, KNC+09, KHE+11, LBR+11, LF07, LWLS08, LL01, LCS+06, LSS+09, LSS+11, LG008, LGF03, LSM+06b, LRH+11, LB98b, LFHM97, MP99]. iron [MSK+06, MJW+06, MSJ+06, MBF+98, MBS+13, MAB+01, MLS+06, ML20, MMT08, MMC11b, MW06, MC13, MQACB08, NBS+09, NK+10, NLH+06, NTK+09, NSMBN08, NW01, ODI+07, OCL+08, OSCS00, PCDM11, PHS+11b, PSF+07, PPL+07, PD01, RLD+15, ROL+15, STN+06, STN+09, SVE+08, SD06a, STF09, STJ+08, SMH+06, SvmC+16, SH99c, SSUB15, SLT+11, SSI+09, TYB06, TK+11, TAL+12, TVL08, TRH01, TA01, TDC08, TSN+06, TSM09, TNS+09, UWT09, WN01, WTC09, WTL+06, WCO6b, YLR18, YET06, YOI+09, ZZY+19, ZHB+07, ISB+11, SvmMC+16]. iron-[ISB+11]. iron-enriched [HWS+98b, MQACB08]. Iron-enrichment [ZOB+96, CFJ+98, STN+06, STN+09]. iron-enrichments [HBSL01]. iron-fertilised [ASH+11, ACBQ08]. iron-fertilization [BSL08a, FC09]. iron-fertilized [COV+08, JBM+08, LG008, TDC08, TNS+09]. iron-induced [LLK+09, FBCP01, HOD+09]. Iron-limitation [PHD+11]. iron-limited [CSW+17]. Iron-mediated [BA01]. iron-stimulated [NW01]. IronEx [CFJ+98, GJC98, SWL98]. IronEx-I [CFJ+98, GJC98, SWL98]. irradiance [ER05, JEK+15, TLR+00, VMI+08]. Ischnomesidae [BSCE15, BB04]. Ischyroceridae [BVL04]. ISDSC5 [MDLV14]. Isididae [STR+14]. Island [BS03, BAKF03, Can06, CRL03, GUSB03, HNB+13, KFG+03, KR03, KLP03, LSC16, LWSL13, PDC+99, RHZ+03, SBK03, SBG+03, SGD+03, SSA02, ZHY+13, BMN+07, DNK+08, MOTT+07, MTS07, MTT16, MTT26].
island-induced [MSTT07]. **Islands**

[BZMC20, Can06, CBSS02, FWP+07, GFPM02, HSD04, HPM02, JRGLJ+19, LT03, MNR+11, MISW08, PNLS02, PNLF02, PNLS03, PSF+07, SCC98, TM22, AMN+02a, BCE+07, BJK+22, BCG+22, BSR08, BSRM08, CRJB08, CRJ+08, CWEHT22, CHH+22, DNH+02, DVS+14, FRR+98, FSK+02, HMS+13, HKN+04, HWS+98a, HSR+22, JVDH08, KHGL+02, LTW+22, Loh08, MDSJ11, MFN+02, MYL+98, MKKF18, MDTG13, NHCL14, NSMBN08, PHH+16, PNLS02, PMLM+02, PC08, RPA07, RMD+12, SMY+98, SVJ+08, SHC+22, SBH+02, SKM+08, SKMS08, WST15, ZLOR02].

**Isles** [Pin93, ZHB+07]. **isobath** [SKSW02]. **isolated**

[CHH+22, FMWD07, LH06, LDG94, RHL+16, ŽSN+18]. **isolates** [BKS+10, ER05]. **isolation** [MN10]. **Isopod**

[EMG+15, BBB+07, EGMB13, KBR18, RMBW07, Wil98]. **Isopoda**

[GMB18, MB07b, MB07a, MGE13, MB15, Mal15, MFB18, MLBB14, RMBW07, Wil08, BBBM04, BSCE15, BB04, EWP+99, EGMB13, Gol15, Gol18, GM22, KBK+18, MB18, MG22, RH04]. **isopods**

[BBT+18, GMB18, KBBO7, RL018b]. **isoprene** [MW06]. **Isopycnal**

[BB22, WP22]. **isopycnic** [EOB03]. **isotherm** [Yu03]. **isotope**

[AF01, ACR+20, AKI+16, BLM+10, Car10, CHM+17, CCM+20, CHV+15, EWBW99, HJII+19, HJII+20, HFK+02, HAM+15, JSM+16, JHHK14, Kli09, KHH+17, LL13, LPL+20, MSW+13, MBB+14, MKKF18, NMD+06, NMS09, NESB+15, PHD+18, PGFP+08, PCE+17, RTC06, RPF+16, SAM+12, STS11, TSW+12, TNT+15, VCO+15, WKM+07a, WYPY06, WCJ97].

**isotope-size** [HAM+15]. **isotopes** [AHV+00, ATN+12, BFM+14, BSS+00, BJ15, CGM+07, CBB+00, CRM+16, CMVS+10, DRH+09, DBM17, FdBGP11, FCV+15, GLCU+17, GNT+17, JLL+15, KM05a, LNDH+17, RSW+13, RTI+16, SRFR07, SSR96, SDLZ13, TDC08, VdLS11, WDH+10, vBBR+08].

**Isotopic** [ACV+01, BSR+18, SBB+18, WWHT20, ACBV+18, AHV+17, CTGD08, CFY+18, CH07, ÇYAY06, CML+09, FDC+18, GHM18, GBH+17, GIPPL+14, HKFI03, KLL03, KCZ+19, KR95, KYKJ16, LKH+07, LGP+15, LSL+15, MC18a, MKW+18, NCSO13, OTNT05, PYP+20, PBVC+16, PGK15, ROL+15, SHWW22, SHR02, Sot09, STR+14, VCRDF99, WMH+07, WCWW99, WCL+15, ZCG+12]. **isotopomer** [WYPY06]. **isotoponomic** [CFV+18]. **ISPOL** [BG08, HSH+08, McP08]. **Israel** [BB+20]. **Israel**

[BBAL+20]. **issue** [MI06, ST04a, ST04b, TTL+16, ZS19]. **issues** [MGT+20]. **Italy** [ESL+10]. **IV** [NVBO8, VNA+16].

**J** [Ano97b, Ano97c]. **J.** [Lut09, SPS+09]. **JADE** [SWCB02, WSFB02]. **Jakarta** [DHCV19]. **Jan** [NA09]. **January**

[ZHB+07, Ano98h, Ano99g, Ano00g, Ano22o, BPRS11, CTBNL08, CHU+00, DDK+00, GR10, HWN+04, JKK+10, NBPS00, SKW+04, SGW+00, SKH10b,
WGB+04, WRBS10, WvdE00, YTF02. **January-February** [GR10].

**January/February** [HWN+04, SKW+04]. **Japan** [ADGA06, MB13, Sco05, SSK+05, SSK+07, SHM+07, TMP+13, YK04, YKSI19, Ala13, ADGA05, BBPJ13, BEB+13, CC13, Che13, CHT+13, DBL+05, EGM13, FM13, FB05, GBP+13, Gri13, HFKY05, HH05, IPT03, JCP17, JKP+17, JSP+17, Kam13, KM05b, KJL+17, KLTS13, KBKW13, KFJ+05, KOT+20, KHL+17, KHH+17, LN05, LJJ+17, LVP13, MA13, MGE13, Mar13, MW05a, MW05b, MB05, NMS09, PW05, PK13, PKHH17, PRJW05, RJ05, SS13a, SSSY+05, SNIT02, Ste13, UC13, VKM13, WP17, YAO05, YCYK10, ZSKL19].

**Japan/East** [ADGA06, YKSI19, ADGA05, BBPJ13, BEB+05, HH05, KM05b, KFJ+05, LN05, PW05, PK13, PRJW05, RJ05, SS13a, YAO05].

**Japanese** [Har06, HK19, Ike03, KUT+20, KT06, KKUK10, MWT+17, WWH+10, YK05, YFY+10]. *japonica* [HK19, KT06, Mar13]. *japonicus* [HiII+19, HiII+20, WWH+10]. **JASON** [RSH10]. *Jaw* [LWB+07]. **Jellies** [PHKW10]. Jenkina [JR11]. Jenkins [Eif05]. Jenny [MS18]. *jerichonana* [ZJFV15]. *Jersey* [RGS+15]. **JES** [KM05b]. *jet* [BPS00, WGB01, ZV13, BMM+99]. *jets* [RF99, SBG05]. **JGOFS** [Ano96g, Ano02a, Ano02b, Ano06d, BMK96, DKSF01, LMB+98, MK96, MCG+98, MJG95, RD97, SH00, SMBM99, SKM01, SA03, SCB+01, ZDWR95, BRPI02, BAI+95, DGR+96, DNH93, DBC+02, FKB98, Fri01, GGH98, GGH+00, GCD+06, Har96, IF95, KFH01, KDO1, LFM02, LDFS93, MFG+93, MLD97, Qua97, RMC+93, RDG+95, RSD+97, SYS05, SDB+97, TOP95, WZW+95]. **JGOFS-equatorial** [BRPI02].

**JGOFS/ONR** [KFH01]. **Joint** [AS01b, DD06, SAM+00, WCH+93, BPBJ13, BHL99, SBCH02]. *jonasfish* [RDW+22]. **Juan** [DCS+18, MTB09]. **Julian** [TSS+21]. **July** [BCI02, JPSB93, MLG+02, RS02, SBK08, Yal01, Ano98i, Ano21i, Ano22p, FZW+13, GRWW01, HCCW01, JWS01, TZS+01, ZSB01]. **Jumars** [PWCL98]. *jumbo* [FB+13, NA13, Sei13, SFMG13, SGFP13, TTDR13, TS13]. *juncture* [NDS+15]. **June** [DTP+05, LSU04, OE06, TDKA05, VPK+19, Ano98n, Ano99h, Ano22q, BSN18, DZY+01, FZW+13, GGF+08, GGDF08, Gra09, GW15, HCCW01, JWS01, KAM+20, RWR+02, SBK08, TZS+01, Yal01]. **jurisdiction** [HD17]. *just* [HML99]. **Juvenile** [MG+17, ABC+05, BWC+02, CFG07, CSS+22a, CSS+22b, CBA+05, DMFB19, GKR+18, HK19, JGM09, KMO19, LB18, LFB+20, LSWH07, MCS07, MBC+09b, PUB+06, SNS+16, SMVL19, SH16, TTDR13, VBM+19, VSM17, VFM+16, WBI+17]. *juveniles* [SA14, SDAH+12].
NI10, PUB+06, QC10. Kuwait [SAKP+22]. kyr [BLI+09, DNG+12, GHM+12, RBB+97]. kyrs [ITM+12, KSH12, SIA+05].

L [Ano97c, BDG+04]. L. [GW98]. L4 [DIM+12]. L4-SQUAM [DIM+12]. Labile [PDTD08]. Labioleanira [Ala18]. Laboratory [ASM06, DGR02, HJS+10, BCh+19, CSS+22b, MML07, TCM+22, TPP+20]. Labrador [BLG11, FS05, SRFR07, Spa99, SGL99, WTSP07]. Lacepède [FK08]. lactating [NBCT13, RSCFT+13, RSCFT+16]. lag [Sch07]. Lagrangian [ASN+02, BLG11, BSM+18, DFC+17, DMW+07, FSK+05, GMPS04, HZ19, JWS01, KTB+05, LAW+05, LOA13, MDS+19, NRBO+05, PGBK+11, PAUB19, PZF+05, RPF+05, SHM+11, SI3b, TS03, WB01, Web19, YLJ+14, YSWJ16]. Lake [LPZ+04]. Lamarck [GIPLL+14]. laminar [JS14]. laminated [GPK02]. lance [SLLT10]. Land [CHU+00, DBDT03, EWA+03a, WLR+00, CHN+18, RdGM+09, WAK+12, BH03, BCA+03, DBD03, EWA+03b, HBBD03, LCVV06, PS03]. land-remote [WAK+12]. lander [CLJ+13, LDBvdB17, LLM+17]. landings [JRGLJ+19]. landmark [KT06]. landscape [GGP+14]. Lanka [CS19, LPJ+19]. lantern [CAJE15]. Lanternshark [SLC+15]. Lappanella [GPCC+17]. lapse [EFR+16]. Large [Ake19, BH19a, BCh+19, Bro19, CJ19, EHL02, EHB19, HCWW01, HB05, KKS+19, LP19, PHR+08, PVR+07, SPD+19, SID+19, Sun+19, YKSI+19, ZQW+19, dSG+09, vCO+09, BKY+17, BT98, BMS+17, DURP03, DHCV19, FMZ+15, GDL+22, GdRGLS+04, GPCC+17, GKB+19, GBBS+00, Hol+06, IPH+17, KNV+10, KVS+09, LPA+95, LL13, LTS+13, MKKB+14, MML+07, MALT+05, MRC+05, NMR+10, OBA+02, PFW+09, PDA+17, PLA+17, PE+17, PHS+03, PBMM+14, RHPR+15, SSLP+95, SKW+04, Spa99, SNFK+20, SGM+02, SL+11, SB05, TSA+01, TLK+02, VTA+11, WR09, WDK+00, WYT+19, YOK+10, YOO+10, ZSKL+19, vHSM+04, WDFK+22]. Large-eddy [HB05]. large-particle [SGM+02]. Large-scale [BH19a, BCh+19, CJ19, EHL02, HCWW+01, PVR+07, BT98, GdRGLS+04, Hol+06, KNV+10, KVS+09, MALT+05, OBA+02, PE+17, PHS+03, SSLP+95, SKW+04, Spa99, TSA+01, VTA+11]. large-sized [TLK+02]. large-volume [BKY+17]. larger [Gag04, PM10]. Larval [HDR+11]. larvacean [BD+96]. Larvaceans [WL01]. larvae [AMJR+19, BOB+20, BSN+15, BD+06, GLC+17, HCWW+00, JB+17, KM+98, KHT+20, LCR+96, LO+01, LBB+06, MWF+19, MM+13, Mun+14, Mun+16, RNP+93, SVJ+04, SVAG+04, SDAH+12, SM+03, TLW+94, WBCB+06]. Larval [CRP+06, GDAMS+19, SRS+11, ADG+08, BHS+19, DaL04, EG+94, HK+19, IA+96, IAB+17, JGM+09, KOT+20, KVS+09, LBB+20, LH+15, LBM+20, LM+96, LIW+01, MDH+16, NHB+10, PAM+04, RQ+04, RG+06, RG+06b, SCD+22, STS+11, TP+96, TLW+94, VFM+16, VSFF+09, WPL+96, WBML+06]. last [BIP+02, BLI+09, DW+15, DNG+12, DPA+20, FMB+02, GTB+05, GHM+12,
Die07, FWP

late-summer [OACA19]. later [IPLCHRMR19]. lateral

Latitude [MTG18, Car07, CWdE99, Dri09, GKGW22, LBM09, MGK19,

late-summer [OACA19].

Late [ACBMQ08, BW99a, CSS+02, EGL+16, MT15, OTK+05, SMB+17, SLB+15,

Late [ACBMQ08, BW99a, CSS+02, EGL+16, MT15, OTK+05, SMB+17, SLB+15,

leaching [NYNK05].

left [BJA13]."
[KOS+16, NGM+05, GPK02]. legacy [SPS+09]. legend
[Ano17f, Ano17g, Ano17h]. legendary [BM15]. legged [VM13]. Leiopathes
[EWF+18]. Lemnos [TKP+20]. length [MN10]. lentiginosa [NGM+20].
leolina [GBC+13, MdSLH13]. Leipopecreella [BVL04]. leipopecreellid
[BVL04]. Lepidisis [STR+14]. Leslie [CAJE15]. less [NB10]. Lessons
[CMP14, LTF+19, LZM+13, GBS+22, Re03, SBL+18]. lethality [BKS+10].
Leuca
[Di 10, MDC+10, SC10, BFT10, CMVS+10, DCC+17, ESL+10, RVD+10].
leucas [EF98]. Levantime
[OGG+20, AZK+20, AKHR+20, CKH+05, EFR+19, KWA+20, KVPK20,
KWH+05, OHU+93, PZK+05, SLM+20, TGLN93, VPA+20]. levee [SSH03].
Levefre [Ano97c]. level [ACK+14, AL13, BLSW05, BMB+18, BFG+19,
CHI+21, DIM+12, DLB+11, EHL02, HGM+11, JCF+06b, LFP14, LZZ+18,
LSGM02, MMID17, OYK15, OKY+17, PFX+02]. level-related [BGH+19].
levels [BRD+18, DPS+14, DTP+05, PDT+14, SMS+07, TBB+14, WLY+22,
ZTZB09]. LGM [CRM+16]. libraries [LTG+09]. Lidar [YAS+93, CMV+20].
lies [NRSL17]. Life [Ano09b, SH11a, SKH+10a, ABE+11, BGJ+06, BZS+16,
BFF+10, BM09, CMC11, DDAH+14, DM16b, DSC+19, DABF+16, FGB10,
GGPM05, HII+19, HII+20, HPH+16, IDSM04, JKC+22, JAP+13,
KCMT+20, Man94, MDH16, NA09, PDH+11, Pro09, RS15, ROY13,
RGHI+06, SDB+19, SSDA13, SMV+13, SHC+22, Ste10, Vri09]. life-cycle
[FGB10]. life-history [NA09, SHC+22]. life-stage [GGPM05]. lifetime
[HON+13]. ligands [BBB13, GBL+08, ISB+11, JBS+13, MP99]. Light
[HLFP08, AA12, BW93, DO96, Eks07, GOH+15, HH20, MBHP99, MSH+07,
MHP+07, PHD+11, PKZ93, PPL+07, PDE+16, RVZ02, SM96a, VGGLB15,
VCM+14, ZLOR02, Zon07]. like [CAC15, GCK07, LV17, ODP+17].
Limacina [BTBF12, BJF16, PTM+16]. limb [GLBB11]. Limestone
[Cha07]. limit [LSS+11]. limitation
[AA12, BBB+11b, CRD01, DP99, FME+09, GCB04, HDD+11, LFHM97,
MBHP99, MTWC+15, ML20, MNPT06, MDGF01, NBSF01, PHD+11,
PKA05, RN96, SBQ+02, SF08, TRB+19, WTCB09, WM90]. Limited
[KCM+14, CSW+17, DCF+11, LVJC17, ZHK+05]. limiting [KLKB95].
limits [MC15]. limosa [VWTK18]. limpets [YERT13]. line
[DHS+09, KOM17, MSA+14]. line-source [DHS+09]. lineages
[IUdV+12, LVJC17, PFdSG11, ZJFV15]. linear [BDL+14, Pal19, Wun13].
lingering [NM18]. link [BASLK04, Gut06, LGVK+14, TMP+19]. linkage
[EQW+13]. Linkages [Ano05d, CSG+13, RB07, YK05, AKK+14, BMK05,
BNM08, CDRB16, HWCT11, PHII+16, PMM+94, WWV12]. linked
[DSC+09b, EHK+20, GWZ16, LRN+14, WOM+16]. Linking
[AMK+05, MM05, ROPB03, SMA+17, VM13, Ark13, GEP+16, MSGO18].
Links
[CPW+18, LWL+16, LSB07, CM00, Hii04, Hii09, HTW14, JRG+22, TSWJ12].
Linne [Pro09]. Lion [Ano97c, RDeL+13, VAMPR+17]. lions
[CFGR07, GS06a, RSCFT+13, RSCFT+16, LMM+97, SVB+19, Tho97].
lipase [BGG⁺09]. Lipid [BGG⁺09, LPFS97, PSS⁺16, WPHL02, CHG15, CSS⁺22a, CSS⁺22b, GGRJD⁺10, KLY⁺15, PNVJ13, WHL⁺97, YBM05].
lithification [GTB15]. Lithium [CH07]. lithogenic [CRS⁺19, CAFK03a, CDH⁺00, LBV⁺08, OL15, ZLJ08]. Litter [MTMH11, PGCH⁺13, vdBG⁺M⁺17]. little [CC13, RCKCK07]. little-known [CC13]. Liu [Won15]. live [MGK19, CG04]. live-dead [MGK19]. lived [CMW⁺05, CBB⁺00, KM05a]. lives [LPA⁺95]. Living [ATJ05, FDR⁺18, GMMS05, KMM⁺08, SNK07, WMW96, BAS00, BCG⁺22, BGB08, FBP⁺17, FMZ15, FDP⁺14, KB15, LWW⁺15, RSdV⁺09, SLDL93, Sei13, TS13, VVV04b, ZS19]. living-resources [ZS19]. Livingston [Can06].
LMEs [BH19b, Sum19]. load [KW03, WCRG95]. loadings [MBB⁺02]. lobe [BSS⁺17, CRD⁺17, DDB⁺17, ROB⁺17, SDT⁺17]. lobes [RBDO17, SSB⁺17]. Lobodon [MCBC08]. lobster [CRT⁺00]. Local [DWPB13, HBB⁺13, SFR⁺06, Wil08, AL13, CMC11, DSG⁺09b, Gag04, GASGB⁺14, HCHD09, MRP09, OM08, Pal04, SSM⁺09, TSWJ12, Yu03]. located [BMGC09]. location [CBHF10, FPS10, HPS⁺06, JKK10, JLL10]. locations [CBW01, ERPF⁺11, GBB⁺17, LWB⁺20]. locking [LWS21]. Lockne [OM02]. logger [RCKCK07]. loggerhead [PBG⁺06]. loggers [GBC⁺13, JBB⁺13]. logging [Ano07c, ELPL13, HMA⁺07, Pon07, YKN07]. Loihi [MTDK98]. Loki [KEA⁺17]. Loligo [SMV⁺13]. lonvia [WTL⁺20].
Lonchichora [GJ11]. Long [ASS02, AKK⁺14, BBR⁺10, BMOW09, BL03, Bre93, Duc08, GUSB03, JPM99, KBL01, LSC⁺10, LDBvB17, LO03, LW15, NLS⁺10, Reb03, RFP01, RVGF02, RS01, SRS⁺15, SD08, SM03, SBC⁺16, WP17, YPY⁺13, YKO15, ADRS19, AMTE09, BC08, BGS98, BG08, CFK15, CMW⁺05, DHM⁺22, DVC⁺12, DEK⁺08, GLCP12, GG02, HZK04, LMF⁺21, MSA⁺14, PCT18, PLGCL09, SSM⁺09, SP⁺09, SBB⁺03, SLG99, SD06, WSLP10, Ynd09]. long-lived [CMW⁺05]. long-range [CFK15]. long-range-transported [SSP⁺09]. Long-term [ASS02, AKK⁺14, BBR⁺10, BMOW09, BL03, Bre93, Duc08, JPM99, KBL01, LSC⁺10, LDBvB17, LO03, NLS⁺10, Reb03, RFP01, RVGF02, RS01, SRS⁺15, SM03, SBC⁺16, WP17, YPY⁺13, YKO15, ADRS19, AMTE09, BC08, BG08, DVC⁺12, DEK⁺08, HZK04, LMF⁺21, PCT18, SSM⁺09, WSLP10]. longicauda [GRB⁺17]. longipes [HPL⁺12]. longitudinal [OvdRVA⁺22, SLB18]. longline [DWM⁺15, HHMF11, LKF⁺17, MWT⁺17, JMP⁺19, TMGLM19]. longlines [FCBD08]. Longwaves [FDM⁺97]. look [AS02a, Gac14, SCB⁺01]. looking [HVBO08]. Lookout [Bla94]. loop [KRB95, WHL⁺16]. Looping [CMRI13, SRBR05]. Lophelia [AHVB⁺17, BRB⁺13, BR14, BMSBM⁺17, HK⁺14, JB17, LPPC10, NOFP14]. Lophius [LA⁺14].
Lophogastridea [LDBS⁺17]. Lophopharet [SSR⁺14]. Lord
[DLHH11, ANS+11, Har11, KBW+11, NHD11, PWN+11, RHD+11, WACGH11, ZRC+11]. loss
[CSS+22b, PHD+18, RRWR08, RFHL99, WTT+20]. losses
[KSS00a, KLD21, LZZ+16]. lost [BSCR11]. Lotus [JS14]. Lotus-leaf [JS14].
Lough [Ano97b, OM14]. Louisiana [WCSA+16]. Low


[GP+04, LGML00, BF14, BMGC09, LG00, LPS14, SLS+09]. Macrofaunal [VfFC+11, Bor01, BEM+15, BFB+18, CMP14, Gag04, GLdS+09, LG98, LMG17, MBI+10, WSCA+16, Witt00]. Macrofaunal [BRBD17, BSL08b, GSM+08, HLL+09, SMB+98, VD98, BRP+13, BT98, BAF+18, CPA+11, DVS+14, GMR+09, LS18, MTB09, ODP+17, Sor99, WHF+19]. Macrofouling [BSJ13]. macroinvertebrate [XSM+19].
Margalef [Wya14]. Margin [SW00, WC01a, AMH+01, BDW+98, Bau02, BBDL08, Bol08, BRBD17, BG09a, BLW+09, BMGC09, CBNR+09, CB00b, CL09, CML+09, DRH+09, DBD03, DC08, DDB+97, DME+18, EWP+99, EBGCL08, EWA+03a, EWA+03b, ERB+99, FBS94, FARLR+13, FS14, GMR+09, GLdS+09, GdSP11, GSdS+14, HBBD03, HZMH07, HMLS+06, HVN02, HLL+09, JWC09, JBD+09, JWCC99, LSS+09, LOB+09, LSM+06a, LWM+09, LLM+17, LSA14, MY99, MHA+01, MSD+18, MCD+09, MLG+04, MBG09, NEO+07, NHD11, OBC+14, OCG+09, PUP+07, PFC19, PBVC+16, PPM02, QSA+09, RCL+09, RDG+09, RRT+17, RSLR00, SBDB09, SHD+14, SV09, SSN+00, SJSI00, VCSM09, VR+02, VBF+02, WC07a, WNA+10, WC01b, WSB+09, WCO9, WAC+09, ZCP+08, dMCNC99, dSJB+11, vWDB+01, vdLEM+14, IBK+11, KBI+11, PLdL97, SSL98].

Marginal [JRK+17, Ano95b, BS21, BBD+03, BES95, BOP95, CRS+19, Cri95, FGW02, GKH+07, HTS12, HK08, IIM02, KHL+15, LGP+03, MN10, MWB95, NHD11, RV00, RHB+95, SRF95, SESS08, TRH+08, TOSH08, THT11, TKF16, TLKT00, WPW95, WNR+08, WZ03, WvdE00, DEJ08, DYEJ08, PAR+08].

Margins [Bau02, VBF+02, APT11, AHVB+17, DDB+97, HBCG14, HWS+98a, HZWW16, MPZ04, RBP+94, SO98, SSR96].

Marguerite [AHV+17, ARW+04, ADG+08, BLO04, CHM+17, CRF04, CMW+08, CDT11, DT08, FJF+11, FMS08, HVBO08, HBO11, MDTS11a, MDTS11b, MBW+08, PDT11a, PEC+04, RCF+08, RBS+17b, SFW08, VMB17, WMB+08, ZZP04].

Maria [BFT10, CMVS+10, DCC+17, Di 10, ESL+10, MDC+10, RVD+10, SC10].

Mariana [LAT+18, iTTT+15, TTD13]. Marine [Ake19, Ano09b, BJ+22, Bro19, DW15a, DKC+17, EHB19, GASGB+14, HD07, JVDH08, KKSA19, LP19, LVP+17, Lut09, MSvL17, MSGO18, MK19, MWF517, MPTW11, PH19, PD+10, PDT+11b, PJ19, SH11a, SPDW19, SID19, SKR+12, Sum19, SBG+06, VSM17, YKSI19, ZPG14, ZQW19, ZDP+16, vdBGM+17, AYMSAS19, AJ95, AHV+00, Ark13, AZYT16, AG07, ASB17, BH14, BHS+06, BOHW22, BA10, BWD20, BCG+22, BS21, BML+06, BCP+15, CF+06, CLQ+18, CWEHT22, CNOC13, CWE+17, CTH+98, CR18, DWG+15, DHC+19, DMC+17, DMS+14, DDS11, DeM02, DW15b, DJCF09, Duc08, DGT17b, EPK+10, EPPR09, EBG+15, FBP+14, FO05, Fri01, FG07, GRD+08, GR10, GF07, GKB+19, GDC+11, Hat02b, HM14, HH20, HAE+15, HDJ+05, HSSN08, JRP+22, JJK03, JKR+17, KRW03, KMM18, KMB11, KYW20, KKM+19, LWO+09, LPFS97, LHS96]. marine [LAGK+18, LS17, LHKHH10, LTL+00, Mac08, MSMS08, MBH+96, MGT+20, Mas02, MCH22, MDS+16, MXC15, MDK+01, NCSO13, OPDM11, OBR+01, OL15, OM02, ORFA+14, PW15, Pas16, PLPS98, Pon07, PSP+09, QQ+21, RH14, Sch07, SCD14, SPEPS18, SCPC98, SBL+18, SHM+07, SSB+06, SCAF02, TAMTC+13, Tho97, TDvdE+10, TM22, TGFE02, TBFP04, Uys06, VVV04b, VGD14, WKM+07a, WWH+10, WBCB06.
WWB04, WPW +14, WSSN10, WAC +19, WYT19, XZW +19, YSBH06, YHC +15, YBHMON5, ZSRL19, ZSN +18. **Marine-entry [VSM17].**


Marmara [RDC +18a, ACBV +18, CYB +18, FDR +18, GPÇ +18, GHD +18, HGK +18, RH07, RÇG18, RDC +18b, ROBV +18, TCG +18, Uys06, YLR18]. **marshallae [PCAS05].**

**MariniteCruse [ROBV +18].** Mártir [MML06]. Maru [CHU +00].

Mascarene [WWL02]. **MASFLEX [TIKS03].** Masked [EF98]. **Mass [APGR95, CB00a, LTS +97, MPE +09, SLB +16, AKH +02, BNM +07, BH99a.**

CW97, CCM15, CJF +12, CP05, CRD +17, FDC +18, GLDCA +06, GGPLP02, GP16, GOP +01, HCBP07, HWM02, HGMA +02, HdB +02, HBK +98, IBD10, JAR11, JSBC15, KM05b, KDMH18, KHB +04, KHL +17, Las93, LBY +10, MA05, MBS05, MLG +04, OHT12, PMM +94, RdGM +09, RLVF02, RJW01, RYT01, SH99b, SKD +16, SWC +02, SBHS20, SFG98, SRF09b, SHFM01, SBS +02, SCSMT20, SYK +13, TRF +97, WJS +10, WALA1, WSBF02, WCJ97, YCYK10, vBBR +08. **mass-balanced [SCSMT20].**

masses [BSK +97, BRW00, BLSS10, CBCT09, CPF +14, CRM +16, CAGLY +06, DEL +17, FHR +11, GCR +02, HDD +11, HSY08, KL96c, LHZ +16, MKB +10, OACA19, Pee07, PNL +19, PE17, RMAC06, RHF +11, SSMW18, SHB02, SRF09b, SSC +00, SLB +16, SGP +11, TGA +09, TGLN93, TMTR14, VPK +19, VCM +15, YLBD03, ZWK +15]. **Massif [GTB15].** massive [BBLS14, LS14a, ORFA +14, PTD +17, PCB +17, SZM10, SPB +14, TBC +17, ZAC +15]. mat [GPK02].

**material [BS01, BMOW09, CAFK03a, CDH +00, CLGM05, Cri95, DB02, GJ11, GHIM04, HMB +96, HHP +96, LBV +08, MHA +01, NRSY17, RHB +95, SMCA01, SRH +11, TRWB99, WCCW99].** materials [AN109, BD94, KSDE16, NAT +12]. **maternal [RHM13].** mathematical [CHG15].

**Mating [FRBB10, BK5 +10, HC13].** matrices [CAJE15, DRR +14].

matrotrophy [CGD +15]. **Matruh [Go93].** matter [AWL +09, ARC02, BGS98, BS03, BHMC05, BSS +17, BCG04, BBDL98, BA94, BSP00, BRP +13, BLS +97, BG +09, CHPS00, CZV02, CZZ +21, CM00, ÇYFB +06, ÇYAY +06, CLPL +09, CSS +02, DDS95, DB05, DTB +02, DKH +97, DJH +08, DC00, DSYH09, EAS +09, ERB +99, FA02, FCP99, GGM +16, GLSK +17, GMC +12, GZZC +10, HPS +15, HWM02, HGF +21, Har94, Hat02a, HK01, HIN +02, HVNN02, HSC +07, HCC +03, HHD02, HLM +01, KBLA97, KLY +15, KCM05, KVB +09, KSK +06, KW00, LGHD20, LG09, LGF +02, LWP +09, LG98, LWM +09, LWL +16, LKH +07, LFC16, MS06a, MPV +11, MORB +15, MBB +02, MD14, MGS +10, MSL +02, Ml04a, MFG +04, MGC +14, MTB97, MB08, NSKG96, NTS +11, PMJW10, PPZ93, Pfa03, PDY20, PDS +17, PDTS08, PGZ +09, QBO2, RTB02, RCL +09, RGS +97, RPF +16, SSB +17, SSL98, SW00, SBN +15, SBA +20, SP00, SD96].

**matter [SAM96, SJS100, TRH +08, VCSM90, VCK +11, VAK +09, WBM96, WC09, YCN +10, YCT +22, YBHMON5, MDCN99].** maturation [BKC10].

**mature [MBNRB08].** maturity [AST07, CHP10, GFP16, KM15, LA +14].
Maud [BBB+11a]. Mauritania [EFW+14]. Mauritanian [PLHMA06].
Maurolicus [RBS17a]. Mawson [WNRM08]. maxima [FLT197, HPWP07].
maximum [BLP+15, DW15a, FHP94, HSS+12, MASV+19, MSR08,
NRI+06, PSE+93, PKZ93, TPS+15, ACFS02, LXWC21, LAT+18].
May [Ano99m, OTH05, Ano00n, Ano21k, Ano22s, Gra09, JPSB93, LSU04,
LCR+96, LBB+06, OE06, RS02]. May/June [Gra09]. Mayen [NA09].
MC118 [MMS+16]. McLeay [VAM97]. Mean
[CGR+00, GPC14, MPI07, QC10, SLJ05, SS99b, TSW+09, TLW+94].
meander [GSK02, Go93]. Meanders
[ARNB01, BPR11, BKM07, CBPM04]. means
[BEM+15, CFR+14, CNOC13, DCD+14, RSS01, VMGO+09, vGCM00].
Measured [TSPH09, ADBW16, BT04, CMV+20, CKH+08, DDL06,
JLAD95, KSS00a, LBL08, LPW+09, LTH05, MCS07, PMGH01, Qu97,
RG03, SOS01, SMB03, TRM+14, WEB93, YAS+93]. Measurement
[JOD98, SBB+05, HO99, JKE+15, TBB+08]. Measurements
[CSW+18, LCW+07, MSW11, BCH+96, BDD07, BLO04, BDW+96, BFK+14,
CTGD08, CBB+95, CMA+09, CCH95, DO96, FK98, GNG+22, GVW+19,
GLW+97, HHKH+04, HWS+13, KLTS13, KWN+09, KKD06, KVPK20,
LFPC14, LBJ+13, MMS+16, MDT08, MNN02, MC12, Mit96, MM+12,
NDT+01, PHD+18, PDSS96, PPR+20b, RCL+09, TTC06, RF01, SHF+05,
SWC+02, SSY+05, SHM+01, VSG014, WAW05b, WSL+11, XAY+11].
measures [Eks07, PSK+14, RTC+07]. measuring [PNS+09, RSWG04].
mechanics [Joh19]. mechanism
[CDRB16, GKH+07, GEP+16, HGM+11, LWO+09, NSMB08, PTM+16].
Mechanisms [DLF+09b, MR01, MALT05, AKM+05, DD15a, DD15b,
EBM+18, Gau07, HDW+20, JRG+22, JK+17, KK19, MCM06, NC97,
SVB+19, SRY04, SG03, XZ+19, MTGY05]. mechanistic [ALH+01].
Meddies [SAM05]. MEDESS [FSP+16, COS+16, MPM+16].
MEDESS-4MS [FSP+16, COS+16, MPM+16]. Med Flux
[LAC+09, WLP+09]. mediated
[BA01, ENM+14, ENM+16, FJR+20, SGI+19]. mediation [SSL95].
Mediterranean
[AFC+17, BFDB17, Bre93, BLI+99, CMO02, Di 10, IABR+17, LPK+17,
LSS+19, MDC+10, MGS+10, OGG+20, PLD+17, PMF+17, PDA+17, PST+05,
RSR+19, RG93, SAG+10, TR02, VPK+19, VSR+10, AV97, AP+17,
AGL+19, AHV+00, AKL16, ASB+02, AAG19, ALR+14, Avr02, AAL+17,
BMCF97, BMP+09, BB97, BCM02, BGCH20, BMRT03, BMR02,
BFML+08, BWAS02, BLS+97, BGG+09, BG09b, CGBO2, CB97, CMB+97,
CWM97, CMA+09, Cor10, CMRT97, CMC+02, DMS+10, DCC+17, DMC+17,
DG05, DCA+99, DFA+20, ETP+16, EFR+19, FPB+14, FALR+13, FSK+05,
FA02, GLCU+17, GPBV+07, GGO+14, GAHD+17, GMCC97, GG02, GCM+97,
HMLS+06, HZK+05, ID19, IFGL+04, JASS02, KTP+20a, KTP+20b,
KMT20, KKB05, KWH+05, KTB+05, LLD+17, LPA+17, LPDr+14,
Las93, LAW+05, LLLP+03, LPW+09, LW15, LLM+17, LTS+97, MCK+19].
Mediterranean [MM97, MCPP14, MCPA02, MC02, MSC+19, MSM+20, MBMT97, NSLAP+17, PPR+20a, PWR05, PVK+20, PN93, PDB+16, PKZ+19, PZT+19, PZK+05, PGZ+09, RD16, RVD+10, RBGC10, SNS10, SLDL93, SA02, SAK05, SLM+20, SGA97, SZV+19, STD+20, SVKT20, SABP+16, Sp99, SG+02, SCM+09, TGRB02, TAC+17, TGL93, TMP+19, Thi05, TRF+97, TPP+20, TLP+19, TLMT97, Uys06, VPA+20, VGZ+19, VCG+20, ZDP+16, ZHK+05, ZEG97]. Mediterraneus [FARLR+13]. medium [LMG93]. medusae [SB05]. Medusozoa [OBPY10, Ste13]. meeting [AAB+97]. megabenthic [Blu01, KME18, LBB+07, LB18, MLH+22]. Megabenthos [LRL+22].
megacrustaceans [EBGCL08]. Megafauna [FPB+14, LPPC10, ASBR17, BFA+08, Car10, CRBK10, DMS+10, FVW08, GLd5+09, KCM+14, KRHS20, LVP+17, MBI+10, NCS+98, RSN01, WACGH11, WZB+14]. Mega fauna [MBG09, ARB+13, BMSBM+17, DLKP14, Hec94, LT03, NHH+13, OGG+15, QSA+09, SBS+08, TRB98, WAM+18]. Megaplera [BJK+22]. meiobenthic [TMP+13]. Meiobent hos [LSST20, AS01a, BPR+10]. Mei fauna [GARV94, SWL+18, VV04a, ZBC+13, BMHR08, KSM+11, LGV+14, NGF09, PGZ+09, RBA+01, SA15b, SNS+07, SP00, VKGQ+09, VKGP+11]. Meiobent hals [EBDL08, SLM+20, BG08, HWTN22, KBG+10, VGS09]. Melanogr ammus [BD06]. Melil lla [LGR+14]. melt [Al95, ECS+17, GB10, Kyto02a, LFC16, MSV+17, PSA14, SBM16, vdMLB+11]. melt-pond [PSA14]. melted [CFL+16]. melting [AMvD+12, GAL+12, GAL+20, HCL+22, HMHY11, SGG+11]. Melilli [CL06]. member [QW15, Thi05]. members [MD17]. Memoriam [Ano19]. memory [Lut15]. Mendeleev [ZWK+15]. Menorca [CB97]. Mercury [BHL15, CSEP+17, FHT+14, FTT+17, MLS01, CHN+18, CMS+97, LRFK09, MS99, SA18]. Merging [KKM12]. meridian [BFH+11, DJJ+01, FHR+11, NTH0, SSJ+22, SBB2, VPS97, WS11, ZSB01, KFHR05, RP02, vHHH+11]. meridional [KF95]. Meridional [BJB+06, BMML06, CH11, DD15a, DWW+02, GLBB11, GM11, MD06, MKW11, NT10, PDA+20, RJ06, RPH+06, RHLJ09, Bac11, BP+11, BH19a, BHS15, BJ15, FM03c, GRWW01, HWP+11, KHL+17, LBB11, MZD+11, RHL+22, RHH+11, RKH+11, SF11, HMHY11]. Meristoderes [AM18]. meroplanktonic [BMI+94]. MERRA [bsBD+20]. MERRA-2 [bsBD+20]. Mersa [Gol93]. Mertz [VSGM03a, HB03, HBBD03, SMV+03, VSGM03b]. mesatlantica [MCB+15]. Meso [TSM90, BHS+06, BHS+10, MBO07, OGBF08, SNS10]. Meso-m [TSM90, BHS+10, OGBF08]. meso-marine [BHS+06]. meso-scale [MBO07]. mesocosms [BSF9]. Mesopelagic [BTR20, BBD+01, DLLK15, JDS+08, RSA+10, SS02, AT10, ACR+20, BH08, CHN+10, CTW+20, CSF+12, DSO+97, DSJ+11, ETDB11, KMKA20, LBV+08, LZL+22, LOFC00, MN10, OB22a, OB22b, OSM+20, PNC+06, PKZ+19, OSG+19].
RBS17a, RWT+20, RQRVM10, SMA+17, SCWK08, TBB+08, UGSK+20, VVM+12, WZZ+19, WSB08, WWHT20, ZLW+19, ZWQ+19, ZWJ+19].

Mesophotic [SEM16]. mesoplankton [OvdRvA+22]. mesopredator [EHK+20]. Mesoscale [BCP05, BdBJ+14, BNM08, DD15b, FWR+02, Hug14, JHS+17, MFPL19, MMMC07, RMC+93, SKMDR02, SG+02, SBvdIL+02, WC07b, ZTzo9, ARLB00, AHR+06, AS02a, ATLD+20, BK99, BLM+14, BGWF08, BML+06, BMF+01, BLS+08, BLC+08, CB16, CMW+05, CHSVB+19, GOD+01, GDAMNMM+04, GFW07, HRM+06, HKN+09, JZ01, JTK+14, JDL+22, JMSW05, JAM+14, KM05a, LCH+09, LBMvdB14, LBR+08, LDS+08, LDHO+14, LSM+06b, MSK+06, MJW+06, MSJ+06, MRL+01, MRO, MKR+01, MSC+19, MLS+06, MiSW08, MGGM19, NOT+09, NMH+06, NDK+08, NTK+09, PPA10, PWH05, PNL+19, PBM+14, PAUB19, RPA07, RJWD01, RSC07, SGD+14a, SGA+15, STN+09, SCM+08, SMSP+04, SGB+02, SD22, SMB03, TBY06, UY04, VHT+20, WDD+22, WTCBO9, WJS+06, ZLZ+15, ZZM+13, vHSM04b]. mesotrophic [LR97]. Mesozooplankton [ACG+17, BGH99, CAMA+02, CSA+09, CAS+16, CSS+10, DZBR95, GML99, LDS+08, LMG93, GMHNO1, NPA+22, RSW+00, SD06a, SZV+19, TSN+06, WGB+04, WAT12, WGG98, Ze01, BSSK+08, CLS+15, DMJ93, DLRI11, FWP+07, GLCC04, GS08, HMH+02, HMP02, KSS+00a, KH10, LK+15, LAMS+01, MC05, NMC+07, NRH+20, PWR05, PAR+08, RAL+01, RSR+00, SBBO6, SCB+16, SCWK08, SKKM20, SKV07, SKH+10b, TRWB99, ZDWR95, ZD97, ZZP04]. Metabarcoding [YQMB20, OvdRvA+22, PDY20]. metabolic [AMV+09, HWK+14, LG008, MBP+20, MBK08]. Metabolism [DKGT04, KY10a, DZBR95, GLCC04, GQ09, HAH+01, HDF+01, HMC09, LLK+09, ZDWR95]. metagenomic [KHT+20]. metagenomics [KG09]. Metal [TBB+11, BLO+17, FJG+00, FBCP01, HWS+07, Kos01, KFW01, OV11, SHF+95, TLF97]. Metals [PSP+09, BSSE16, Cha03, CBC02, FKWO1, GCN+97, KSDE16, MBTM97, NSMBN08, NEN+07, SVD97, SM01, TTD14, Zon07]. metamorphosis [AS02b]. metapopulations [BMH+94]. metatranscriptomic [LVP13]. Metazoan [BMHR08, PK08, SP00, VKGQ+09, BGB08, BPR+10, BOJ+10, FG97, GBLS00, KBG+10, KMM+08, MBP+20, PGZ+09, SA15b, SNS+07, TMP+13, Wit00]. metazooplankton [PF02]. meteoric [MSV+17, vWMR+17]. meteoricit [Kyt02b, Kyt02c]. Meteorological [FD01, RG1H+06, PFX+02]. meters [vGCMM00]. Methane [ACBV+18, BP+02, LG17, VLM13, YZZ+16, YZZ+19, AM22a, AM22b, BNP+09, CBNN+09, DME+18, ESL+10, FUGG+09, HFL+15, LMM+17, LLL+15, LSM+06a, LZM+13, MMS+16, MSD+18, NKA+11, NCK+22, PTD+17, PUP+07, PBVC+16, RTC06, SDB+18, SHM+07, TCG+18, UTL16, WJS+10]. methane- [PTD+17]. methane-bearing [PBVC+16]. methane-charged [SHM+07]. methane-cycling [ULTL16]. Methane-derived [ACBV+18]. methane-oxidizing [CBNR+09]. methane-soaked [PUP+07]. methanogenic [RDV+09, WOM+16].
[DPY14]. microscopic [ABKL96, BS98, GdRGGH]+$^{14}$. microscopy [LZS]+$^{18}$, RVZ02]. Microstructure [CSL]+$^{22}$, WZC+$^{19}$. microtidal [ALR]+$^{14}$. microwave [HZZ10, MRD13, SL11]. Microzooplankton [BEJS93, BES95, CDL+$^{00}$, DSN+$^{20}$, LCK95, PKW07, RPAD99, SSH09, SSR13, SWSL14, SWG14, SFB19, VSSN96, YHK15, YJL16, AYMSAS19, BTUV08, KLD21, LBC+$^{98}$, LGF03, OS02, RRMM05, SF08, SFZ+$^{13}$, TSMSS09]. Mid [BWH]+$^{17}$, SLB13b, AGL+$^{19}$, ARK+$^{94}$, BMH08, BFA+$^{08}$, BSJ13, BR14, CL15, FS07, JB01, JMM+$^{13}$, LDBS+$^{17}$, MLVM02, MMS+$^{13}$, PSK+$^{00b}$, PTS17, RCCP13, SL15b, SPH+$^{08}$, WYOS18, WWN+$^{02}$, YÇČÝTKB06, dBC+$^{09}$, ABB+$^{13}$, ARB+$^{13}$, ARC02, BJA13, BR+$^{22}$, CVA+$^{13}$, CZVR02, CSGV13, CSPC13, CLJ+$^{13}$, CLB13, DTT+$^{02}$, DONF08, Dd06, DHST13, EQW+$^{13}$, FVW08, FWS94, FHP94, FCB08, GGF+$^{08}$, GGD08, HIK+$^{08}$, HTD13, HSY08, JAP+$^{13}$, KJB+$^{08}$, KBPK08, LAJP13, MCB+$^{15}$, MSW+$^{13}$, MKG+$^{17}$, MBMK08, MR15, NHS+$^{13}$, OBC+$^{14}$, OGBF08, PPF17, PBB+$^{13}$, RSW+$^{13}$, RLBI8b, SldB+$^{15}$, SPF+$^{04}$, SBP13, SGB+$^{08}$, SBK08, SHY+$^{08}$, ULH+$^{21}$, VCR02, dLWF08, YSC+$^{20}$, YSHS08]. mid-1990s [AGL+$^{19}$]. Mid-Atlantic [BWH]+$^{17}$, BSJ13, BR14, RCCP13, ABD+$^{13}$, ARB+$^{13}$, ARC02, BJA13, BBR+$^{18}$, CVA+$^{13}$, CZVR02, CSGV13, CSPC13, CLJ+$^{13}$, CLB13, DTB+$^{02}$, DONF08, Dd06, DHST13, EQW+$^{13}$, FVW08, FWS94, FHP94, FCB08, GGF+$^{08}$, GGD08, HIK+$^{08}$, HTD13, HSY08, JAP+$^{13}$, KJB+$^{08}$, KBPK08, LAJP13, MCB+$^{15}$, MSW+$^{13}$, MKG+$^{17}$, MBMK08, MR15, NHS+$^{13}$, OBC+$^{14}$, OGBF08, PPF17, PBB+$^{13}$, RSW+$^{13}$, RLBI8b, SldB+$^{15}$, SPF+$^{04}$, SBP13, SGB+$^{08}$, SBK08, SHY+$^{08}$, VCR02, dLWF08, YSC+$^{20}$, YSHS08]. mid-century [WYOS18]. Mid-Indian [ULH+$^{21}$]. mid-latitude [MLVM02, PSK+$^{00b}$, PTS17]. Mid-North [SLB13b]. mid-ocean [BMH08, BFA+$^{08}$, CL15, MMM+$^{13}$, SL15b, SPH+$^{08}$]. mid-Pleistocene [FS07]. mid-slope [ARK+$^{94}$, JMM+$^{13}$]. mid-summer [dBC+$^{09}$]. mid-water [JB01, LDBS+$^{17}$, YÇČÝTKB06]. Middle [BBB94, Bis94, Cha03, Mas02, MHD+$^{11}$, MCL+$^{12}$, RFJ10, RSH10, SSBH03, AFAB+$^{04}$, ARK+$^{94}$, BA04, CHL+$^{15}$, DOBH02, FPW02, HFP94, KFF+$^{94}$, LSUB94, PSK+$^{04}$, RTFB09, TWL+$^{15}$, Wal94a, Wir94]. middle-lower [RSH10]. Midwater [SLB13b, DTWW17, DTWW21]. migrant [AML01, ZD97]. migrants [HHH01]. migrating [KSU+$^{08}$, KUN10, KIN+$^{10}$]. Migration [BE18, TKF07, AFM93, AKK+$^{17}$, ASF102, BSH+$^{11}$, CP05, FPLB+$^{08}$, GH+$^{18}$, HA10, KT06, KL03, KMK+$^{20}$, LS10, LOFC00, MF93a, MKS+$^{20}$, WZZ+$^{19}$, YXC+$^{19}$, ZWQ+$^{19}$, ZD04]. migrations [CFK15]. Migratory [BMK05, RSL05, SBC+$^{06}$, YSBH06]. Mike [MLB+$^{10}$]. Military [ESW+$^{16}$, Mah16, BSSE16, KSDE16]. Millennial [IKR+$^{12}$, GHM+$^{12}$]. Millennial-scale [IKR+$^{12}$]. millennium [CLMK13, GBC+$^{05}$]. Millimeter [DPY14], million [GNT+$^{17}$, IOTS16, RRL+$^{14}$]. mimicking [HCBL+$^{17}$]. Minas [Ano97c]. Mindanao [FKH05]. Mineral [MBB+$^{02}$, GF07, dJMTGG11]. mineralising [HPN+$^{12}$]. mineralization [OCL+$^{08}$, PCB+$^{17}$, SHM+$^{07}$, SLZ+$^{16}$].
Mineralogical [ACBV+18, LSL+15, PBVC+16, AST07]. Mineralogy [CYB+18, Rai11]. minerals [ALH+01]. Mingulay [DSE+14]. mini [SDGH14]. mini-mounds [SDGH14]. minima [Rog00]. minimal [BCH+19, SZH20]. minimise [PWL07]. Minimum [HLL+09, BRM18, BRJM18, BLW+09, CLH+00, CL09, DGN+17, EHK09, FSGV+09, GMT+09, GPC+04, GQ09, GBLS00, GW08, KAHS20, LGML00, LWM+09, LI00, LAMLB18, MASVB+19, MMWM00, MF09, MCS+99, MFM+18, MMM+00, MPB+18, NS93, PRC+09, PHS17a, QSA+09, SWC09, Sei13, SW00, SLH+00, SFMG13, TLF97, TTDR13, TS13, UP09, VCSM09, VKGQ+09]. mining [AS01a, BGOL01, LLC17, OBRJ01, RSS01, SNPS01, TTU01]. minini [GC15]. Minke [LAP+17, LSHB09]. minor [CMVS+10, LBL08]. minutum [AJG+10, BFG+10, ESAG10, TFR+10]. Miocene [CHL+15, FSCC07, LB93, OSHB07, TWL+15]. Mir [Sag18]. Mirabilicola [Gol18]. Mirocaris [MCB+15]. Miroonga [GBC+13, MDLH13]. mismatch [YERT13]. mission [STM04a, STM04b]. missions [PPF+15]. Mississippi [GPMS+16, SCL+04, SW08, SR08b, ULTL16]. mississippiana [SR08b]. mitigation [AKZL16]. mitochondrial [BLBW+11, FB14, MHC+10]. Mixed [HS96, AML+19, Ano05e, BU05, CMT93, DP02, FGH+13a, FC09, GCRW95, GGRW99, HTW14, KN05, LML+01, LZZ+16, LCR+96, MS12, MKS+02, NYNK05, NGD96, OSM+20, PWMC01, PF06, RFHL99, SFD04, TMH+08, TNTW02, VMI+08, WNRM08]. mixed-layer [BU05, FC09, GCRW95, GGRW99, PF06]. Mixing [HHP04, YXZ+22, ASHMO8, ASBMO2, BLM13, BHC+01, BASLKO4, BMG+17, BVGE+06, CSL+22, CDJ+22, CSW+17, CMV+20, CSP05, CMB02, DPLB94, DKI+00, DL01, GDL22, HJC+22, HLL+10, HHW+14, HKSV11, HGC+01, Ivc04, JR15, KWF+19, KS10, Lar04, LML+01, LZZ+16, LCR+96, MS12, ML02, MNYK05, NGD96, OSM+20, PWMC01, PF06, RFHL99, SFD04, TMH+08, TNWT02, VMI+08, WNRM08]. mixotrophic [DBR22]. mixotrophy [SLS11]. MJO [HF21]. Mjølnir [TGFE02]. Mn [Cha03, GOH+15, HMW+15, NVBJ08]. mobile [DLV+17, LLB+17, LPD+17]. Mobility [SM01, KFW01]. MOCNESS [BDW+96, BL06, GWP+98b]. Modal [Wei15]. Mode [AKBD13, AMP+03, KD13, MBT97, DJK13, EGMB13, EMW+08, FKH13, GS08, Gre08, JAP+13, LMA08, MDM+13, TS10, VIY02, MMH+08]. mode-water [EMW+08, GS08, Gre08, LMA08]. Model [CDJ+22, MSGO18, Osc01, SBHS20, AT10, ALH+01, Arm03, Bai09, Bas19, BA10, BWD20, Bla93, BCH+19, BJP+22, CFR+14, CA06a, CDP+02, CBF01, CM03, CMC+05, DLR+01, DGP20, DRD06, DGR02, DBG+16, DP99, DKS03, DK04, DKS11, DGN96, DGR19, DJK13, DBC+02, DKZP16, Eif05, EB01, EoB03, FSL+01, FO05, FC01, Fr01, FHW06, FNYK02, GPF16, GSC+19, Gre01, GSSCO3, GMPS04, Har96, Hei02, HSHM02, HHD+09, HLC+16, HKC+21, HMLS+06, HKAM12, HGC+09, HPH+16, HFK+02, ...
HKMS03, HA96, IHPA16, JB01, JW05a, JW05b, JCF+06b, JDL+22, JCD+03, JDL+12, JAM+14, KTP+20a, KTP+20b, KG20, KMB11, KKUK10, KHL+01, KIY+05, Lar04, LHS96, LHX+22, LW04, LCL+10, LSWM22, LFHM07, MMX02, MBd05, MD06, MCF15, MTTA+20, MALTO5, MTWC+15, MNPT06, MKD+01, MBC+09b, NP03, OGV09, OC00. model [OBWK01, OGC09, PCDM11, PTS01, PDB+16, PHS03, PVT+21, Pri06, RPBI99, RAC+20, RLH+03, RSSM19, RDSA+21, RSC+09, SOW01, Sco05, SF11, SRA+09, SHM13, SHA04, SH11b, SK02, Sap99, SMA01, SCS+98, SMDA05, SCH+19b, SCH+19a, SGB+02, SCSMT20, SESS08, Sva96, Th05, TC06, TBBM03, TLW+94, TLMT97, UKM16, VGGP14, VY02, WDM+05, WCJ+11, WLY+22, WW04a, WMC06, WBA03, WSP07, YLU+14, YSWJ16, YHL+12, ZLOR02, MPL15]. model-based [HLC+16]. 

Model-derived [Osc01]. Modeled [CHH19, DHS+09, HGB+13, LZZ16]. Modeling [Ano06d, BV98, DKSF01, DKdS+03, FAS+03b, FME+09, FC07, GBS+22, GC07, HBSL01, HS05a, HBCO01, JRKR19, KFF+94, KVS+09, KC00, LBB+06, MTWH04, NSBL94, PHH+16, PFC09, SFW08, TYBY06, TH99, WCD+09, WGM14, Ar06, BK06, CFZ+18, CHP10, DD06, DJCF09, DWW+02, FJF+11, GWL+15, HTK+10, HLI+06, IHSS+10, JBS+13, KOM17, KWF+19, KD01, LWGS00, MPF+17, MMT08, PPM+17, PFM+17, POA+16, RD16, SH99a, Sch02a, SWO+01, SVKT20, SS+07, TVL+00, TMGLM19, V999, WL02]. Model[MBP09, vWMR+17]. modeller [FY+10]. Modelling [ABW16, BH19a, BABB08, DFP06, ECK94, EPHE18, Fib08, GAS+14, Jen03, KTP+20a, KTP+20b, LSNH15, LSBO9, PFPJ+09, RMBG11, SDCH99, Um05, WB01, WBA03, AKZL16, Ano05e, AGN+02, BDL+14, BU05, CVM+01a, CVM+01b, DBG+16, HLR+01, JMW+20, KY94, LVP+17, MPO07, SLSH20, SAK05, SHM+01, SZB+19, YMMC11]. Models [EWF+18, AGHS04, AMK+05, BMG+04, BWAS02, COS+16, CMAO+12, CWEHT22, CNOC13, CM01, DSBS20, DP02, DCL+21, GSGS01, GGC19, HBP+14, HIA+16, JBB+13, Kxf22, KYW20, KMD+11, LFPC14, LGF03, LWS21, MRSLM+19, OAH+16, PSZ+19, PF06, Pra04, QQJ+21, SM12, SNM18, SSV+20, TT17, VTA+11, VGD14, WOS12, WOS18, WBD+98, WSW02, YSC+20]. MODerate [LCW+07]. Modern [ASBM02, KTIE14, SBH+02, BMD+17, CBB+95, FAS+03a, HAF+15, LH07, PPM02, YY0+10]. modes [HCL+16, HKC+21, Hol06, MV19]. Modification [VMB17, SGA+15]. modifications [WL02]. MODIS [CWP+15, PG18, bsBD+20]. MODIS-Aqua [CWP+15]. modulated [WDD+22]. modulates [ABW18]. moderating [QC10]. modulation [FD01, SMPD04]. Moire [Osc01a]. Molecular [Mar13, TMBTS09, VB98]. Mollusca [LS18, SI09, LGC06, SGB14, SBE+07, vCO09]. molluscs

N [ANO97b, HLFP08, MBW+09, SW08, WTWC07, AM15, KBR18, MM15, SS13a, UC13, VK04, WST15, AMN+02a, ADV+01, ARB+13, AAB+97, Bae11, BSSK+08, BZvHH00, BDNS03, BOP95, CKH+05, CWB02, CMT93,
CCK+16, CHG15, CSPC13, CLJ+13, CSS+02, CM99b, DMJ93, DVPR06, DBM17, DJR+01, FSL+01, FUGG+09, FDC+18, GS06a, HFK+02, HM93, HWS+13, INTS02, JWS01, JH9H14, KEKP93, KW00, KTP+05b, KHI+17, LK96, LAJ913, LDFS93, LB911, MBW+03, MH93, MHA+01, MFHM15, MJG+13, MSJ98, MKG+17, MNPT06, MTKM+13, MSL90, MGC+14, MQACBO8, MMG98, OLG+01, PVK+20, PHD+18, Pfa93, PDB+20, RLP+98, ROPB03, RBJW16, RWL+93, STN+09, SFV+98, SLB13a, SHR02, SBN+15, SBS+02, SZB+19, TTN+06, TCJ+11, TNIW02, WMH+07, WWW+02, Yu03, ZBvH+00, ZHK+05, ZSB01. N* [PDA+20]. N-anomaly [WTWC07]. N. [HTD00, HT01, W15]. N.E. [L98]. n.sp [BBAL+20, BG10]. N.W. [AMH+01]. N [Morales:2014:EPO,Rau:2003:LND. N/Si [CSS+02]. NABE [GG95]. Nacella [GW99b, BRSB16, CW22, CB09a, CRR01, CDM+06, JW05a, JW05b, KM98, KHL+15, KTP+05b, LGHD02, LWSZ13, MDTS08, MS06b, MYL+98, MK19, NLHB01, NSMBN08, OM14, NASA [PPF+15]. nascent [SFV+98]. natal [SCH+19b]. National [CGG*12, HD17]. Nations [PH19]. Native [RHD+18]. Natural [CHL+95, HPK+97, PSLS07, RVC+13b, WBM96, AAG06, AFC+17, AGW+13, BBM+08, BDM+03, BSL08a, BQT08, CGSZ13, CDM+16, EWBW99, FG+13a, GPSM+16, He02, LB98b, LXS+13, MMT08, MHK+03, MSH+07, MIP+07, MC13, NOPF14, OCL+08, OJK+10, PBA05, RFB97, SVC+08, STJ+08, SI09, TTVB08, WPB+16, WCFA+16, Ano96f]. Naturally [HRM+18, ACBQ08, COV+08, MB+08, LSS+07, MQACB08, SLS+07, TDC08]. Nature [GPBV+07, SJSJ00, GMC+12, PJLO+17, PPL+19, TPT05]. nature-based [PJLO+17]. nauplii [AA96]. Navig [CJ19]. navigation [KR11]. Navy [WJR+16]. Nazaré [GDSP11, GSDS+14, MPV+11, MHD+11, OPV+11, vOSG+11]. NC [SSV02]. NCAR [CCL+14, VNBW18]. NCAR-CCSM4 [VNBW18]. NCOM [WJR+16]. Nd [ATN+12, SHWW22, WCL+15b]. NE-Atlantic [CBW01]. Neanthes [SSL+17]. Near [ABS+14, BTRL99, CMH+20, DM+12, DL01, EBG+11, HVH04, LNJ+00, LB96, MPMD+06, MPV+11, SBR+11, ASBM02, BCC+96, BLO04, BvWR+20, BSS+00, BW99b, BRSB16, CW22, CB09a, CRR01, CDM+16, CP02, DURP03, DPK+14, DT03, Efi05, EWP+99, FG07, GBL+08, GW98, HMD+13, HHH01, IGP+06, JW05a, JW05b, KM98, KHL+15, KTP+05b, LGHD02, LWSZ13, MDTS08, MS06b, MYL+98, MK19, NLHB01, NSMBN08, OM14,
PH17, PPB+22, PTA+99, RPB02, RMB05, SA15a, SHA02, SMS20, SBS+02, TRM+07, TVLB08, TD16, VPS97, YAS+93, YLG+18, YSHS08, Zim09).

Near-bed [HvH04, Zim09]. Near-bottom [ABS+14, CMH+20, EBG+11, LNJ+00, MPV+11, BRISB16, EWP+99, KM98, MDT08, SHA02, SMS20].

Near-field [SRB+11]. near-inertial [CW22, KHL+15]. near-shore [CB09a, KTP+05b].

Near-surface
[BTRL99, DL01, LB96, MPM+06, BSS+00, Efi05, HHH01, JW05a, JW05b, NLHB01, PTA+99, RM05, YAS+93]. near-synoptic [DT03]. nearby
[LRL+22]. Nearshore [VLK06, BWOR22, CTCD05, GKGW22, OSHB07].

Nearsurface [HV98]. Neastacilla [GMB18]. nematodes [BBB+01]. need [MDS+16, SZT+19].

[CW22, BGMH01]. Neat [FVW08, LTW+09, SRDV07, SSI19, TMP+19]. Needed [Pri06].

Nest [BB04]. nepholoid [BSP00, CBCT09, NC97, PHK+13].


[EW99, HHP+96, KC03, KMD+01]. neutrally [Gou05]. Newfoundland
[DKP+14, DPK+14, DTJ+14, HS07, SRF07]. Newly
[DLG+14, GZGH22, LJ+12, MCH+13, SDGH14]. newly-formed
[GZGH22]. newmani [BGMH01]. next [SPW+22]. Nezumia [FARLR+13].

Ni [NOT+09, NEN+07]. niche
[BSR+18, CDRB16, FJJ+11, LZM+13, NCSO13, PKHH17, WWHT20].

Niches [HSZ+17]. nickel [AV97]. Nile [GPBV+07]. Niña
[DABMAMA04, KT02, SVAGRC04]. nine [PKHH17]. Nineteen [TTA+16].

Nineteen-year [TTA+16]. Ninetyeast [WJ02]. Ningaloo [DCL+21]. Niño
[NCT13]. Niño
[HC15, MMH+08, BSL+96, DABMAMA04, DVC+12, DCL+21, DQC+95, EDF+04, FWG+97, HMW00, HCHD09, KF95, KM95, KC00, KC04, MP+97, MNB96, NB04, ONSSVG04, SVAGRC04, WJPW96, WZ+95, WC02].

Niño/Southern [MMH+08]. Niskin [ETP+16, LCL+09]. Nitrate [CC03, KLFS13, RR96, SMB+93, WCB98, ARF+13, BFT+97, CTGD08, CLB96, CHH19, DVS+97, DBN+11, DSr+18, GRSW00, HLNO96, JML08, JC+03, KJW03, KEPZ93, KX11, LGF03, MQ01, MCB+20, MFM+18, OENB01.

Niño/Southern [MMH+08]. Niskin [ETP+16, LCL+09]. Nitrate [CC03, KLFS13, RR96, SMB+93, WCB98, ARF+13, BFT+97, CTGD08, CLB96, CHH19, DVS+97, DBN+11, DSr+18, GRSW00, HLNO96, JML08, JC+03, KJW03, KEPZ93, KX11, LGF03, MQ01, MCB+20, MFM+18, OENB01.

PC00, RLP+98, RTI14, RWJ06, RTI+16, SVS93, SRF09b, SKMS08, TYBY06]. Nitrogen
[AF01, CB01, FML+93, HMGD17, LGP+15, LSS+07, MNB+08, MGN99, RI05, Sam01, WAPL95, WO99, AML01, Arna6, BRG+19, BLM+10, BH19a, BFM+14, BCP+15, CTGD08, CDP+02, CYAYT06, CML+09, DZBR95, DRH+09, DJR+01, FGG04, HC01, HWT07, HWP07, HBC01, HSM+01b, JJVH18, KLL03, KB+01, KZC+19, Kli09, KNC+09, Lip01, MFG+93, MFG+04, MTK+13, MGC+14, NMH+06, NMS09, OBM+93, PWD+11, PHD+18, PKA05, RLP+98, ROPB03, RJWD01, RW+02, RTI+16, RCF+16, SM00, SFW08, Sot09, SZH+19, TLKT00, TDC08, TWPP07, VSR99, WPG+07, WB01, WWH07, WCW+19, WYW+02, WCWW99, YOI+09].


nodule [BGOL01, GBO01, OBRJ01, TTU01]. nodules [AS01a, MvSHD01, SSI19]. noise [EF98, SLD+13, UW99]. non-algal [SM96a]. non-Antarctic [VPdP06]. non-aqueous [SLS+09]. non-El [MPG+97]. non-ice [SAVP+12]. non-stationary [CWSH20]. non-symbiont-bearing [OCS+09]. non-terrestrially [MMS14]. non-tuna [LMLC+17]. non-uniform [GBJ+15]. non-upwelling [CDJM04, MAA+04, MAA+05]. nonbreeding [SBA18]. nonlinear [Bas+19]. nonlocal [TSWJ12]. non-toxic [BKS+10]. Nontronite [LC+18]. Nontronite-bearing [LC+18]. Nordic [BAS00, OU+19, OBKA17]. Norfolk [BWH+17, WACGH11, ZRC+11]. normal [DCA+98, HMW00]. normalized [ZSZ+19]. North [AA02, ASBM02, Bat01, BH94, Bla94, BAC+15, BS+15, CLT94, CMBPM04, CGPM13, CDF94, DFF02, DCR94, DH93, FS05, FCW+15, FDC+18, GAC+02, GAHD+17, GLMB18, HAF+15, JLL+15, JSBC15, LOA15, LDFS93, LRV+02, LLM+03, MFG+93, MP94, MFE+02, NESB+15, OLR+15, RL+02, RPF01, RBX15, SFF+01, SSUB15, SML15, SBP13, SMGB03, ZBC+13, AM22a, Ala13, BMO8, BW04, Ch06, EHL02, FLS96, FBCN00, HMW+15, K196b, KB95, KMK+20, KMK+20, LLD+17, LAA+14, LSA14, MPS+21, MDA19, NLS09, PLL+06, PSK+00b, PMM+17, RPA07, RR0107, SG99, SBK08, VLM06, VKG93, VPP07, VKM13, WAW+05a, ZLR02, ADS+02, ADV+01, AT05, ACH02, ABK+96, AKBD13, ANO+06g, ASN+02, AGN+02, AMV+09, ART+13, AL13, BCI02, BMS+18, BHS+06, BDW+98, BMK+05, Bea09, BL+98, BMS99, BGW08, BPB+94, BLB+02, BLDM+02, BLG+11].
North [BHAL13, BHLS15, BG10, BSW+13, BLS+08, BJ15, BTS+08, ÇYB+18, CHN+10, CTGD08, CAGL13, CB18, COJ+09, CMAO+12, CMT93, CSH+13, CPH01, CNM17, CWed99, DMJ93, DDN+04, DKT+01, DSK+13, DLPB94, DJB+08, DB16, DFA+20, DCK01, DRS10, DJ13, Dri09, DSW20, DKQ+93, DFMG01, FBS94, FSL+01, FD01, FKH13, Fre13, GOD+01, CWH93, GG93, GPC+18, GDRLS04, GHM02, HGG02, JZ93, JWS01, JP99, KBL01, KL02, KKH+02, KSBK01, KD13, KT06, KY17, KLM+02, KEPZ93, KDS93, KSN92, KTY+11, LWC05, LS18, LTS+13, LSC02, LN01, LMB93, LCL+09, LWJ20, LPD+17, LPL+17, LPL+19, LPG+19, LTD+19, LMB+19, LM+17, LML+01, LMG93, LHH93, LH01, LH08, LKL+13]. North-Anatolian [GPC+18]. North-Atlantic [LPD+17]. north-central [MPS+21, RQRM+10]. North-East [GAHD+17, ZBC+13, BW04, EHL02, HLL+09, RCM+17]. north-eastern [LAA+14]. north-south [VKG93]. north-west [KB95, SG99]. north-western [Ala13, BG08, LLD+17, RSA14, CB18, FMZ15, LPD+17, MM15, TMP+13]. Northeast [CD99, DLR+01, DCM+99, DOB+01, EAF+03, FAD+17, LCL+98, MTB90, NH+93, PGPI+13, RRL+14, SOS01, WJD+00a, WLC99, Ake19, BLSW05, BB+09, BCS99, BTRL99, BT15, CB99, DP99, GRW01, GMMS05, HHD98, HDW+02, HWD+20, JPS93, KPM+20, LGHD20, LNJ+00, LSC+10, MC05, MH+93, MLP+10, MD14, MRMP09, PPA10, PLS+10, PSH17a, PP09, PFC19, PSE+93, PDB+20, RSR05, SLDL93, SGJ+20, VS99, WH01a, Wei99, WR01, WCCW99, AGL+19, BMP+09, DRL+14, BT04, BOH+04, CMW+05, CMH+20, DGR19, GDA+15, KRG+09, LRM+06b, MGN99, MG013, MG+13, MLS+06, OUJ+19, SA14, SMH+06, SCD14, SDB+18, SFG98, SMB+98, SHM+20, VCO+15, VSFF09, WJD+00b, WMM02]. Northeastern [GWL+15, ACQ+08, BGIJ+06, BMG93, BF14, BHG+19, BEJS93, CAJE15,
northern GNK, EPPR09, FMC MSH10, MMY HWS DKT, RSL05, RMB05, RB06, RRWR08, RWRS08, RFJ10, FJR10, VSM17, VHT+07, WRZ+19, WZZ+19, WCB08, WAK+12, WABW02, WCO1b, WC07b, YXC+19, YZZ+19, YSC+20, YKY+07, YLK+15, ZNM+02, ZZY+19].

northern [LSC05, LLR+06, LJJ+17, LBM09, LG0H16, LK+07, LL+16, LBM+20, MSH10, MM+20, MRRM14, MMS+16, MTK+18, MBW+08, MF09, MSK+19, MCS+09, MHC+17, NSK96, NDE14, NVJ08, NHS+13, NSWY20, NYY+20, NSB19, NBC13, OCT+19, OGB08, PW15, PBS06, PNLFS02, PNLFS03, PG18, PK03, PKZ93, PZP93, PDC+21, RHD+11, RSR05, RCW+15, RSL05, RMBO5, RB06, RWR08, RWR08, RFJ10, RSH10, Roy05, RBS+17b, SMA+17, SCL+04, Sam01, SMR+06, SMB+18, SMBO2, SNIT02, SRBO5, SZH20, SMB+17, SPEPS18, SBB06, SR08b, SBB+16, SFK+12, SBC+16, SBB+19, SMGB02, SMGB03, SHY+08, SNW08, SCMT20, SB05, SESC08, SZB+19, TOSH08, TR+00, TTD13, TAB+05, UKJ+20, UC13, VLM06, VSM17, VHT+20, WRZ+19, WZZ+19, WCB08, WAK+12, WABW02, WCO1b, WC07b, YXC+19, YZZ+19, YSC+20, YKY+07, YLK+15, ZNM+02, ZZY+19].

northern [ZLW+19, ZWQ+19, ZSZ+19, ZTZZ09, ZTZ09, vCO09, BSMV03, BMR08, BMW09, BCB+18, BSJ16, BLSS10, CBV+16, Dau18, DTWF17, DDL06, DBC+19, FS05, GHG015, GCCG13, GB00, GW15, HCA17, HPY+15, HWS+07, HWC07, ITMG18, KMS18, KFH01, KLC10, KR+01, LMM+17, LGK5, LAGK+18, LCT+07a, LRM+02, LSL+15, MSD+18, MB08, MdlSLH13, OMAA18, PWT15, PRDF08, PRP15, PdBK+03, RRM05, RBP+05, SCI0, SGW+15, SRR+14, SAB+07, VLR+02, WC01a, WWcW+15, XGL15, YK16].

northward [AKK+17, SYT+10]. northward-propagating [SYT+10].

northwest [Bau02, BDWG02, CFK15, CHV09, HF21, KCM+14, LBV+08, LGP+03, LLLP+03, OKH+22, REWH11, SA18, SLH+00, SSI+09, SCM+09, TSM09, BSCE15, BEM+15, BOJ+10, CAMA+02, DVS+14, DJ15, LTF+19, MKH+03, SM15, SJST13, TGLN93].

Northwestern [FHR+14, AYMSAS19, AKK+17, Ahr02, AAL+17, BZ20, BCM02, BV00, BMO93, BLOM93, CB97, CSL+22, CDS96, CC13, CHT+13, CMA+09,
CMK+18, CMC+02, DGR19, Duc93, EMW+08, FML+93, GGTMG+10, GGRJD+10, GG02, GCN+97, HIN+02, HSD04, KWN+09, KMA+18, KBV+97, KMS+02, KKH02, LPW+09, MC02, MGMP02, MSM+02, MHPF02, MKS+02, NSY04, OTOH05, OTH05, OBM+93, PHOM09, PlDL97, SHA02, TLMT97, WO99, WST15, Wei99, YCN+10, ZKSS06, Zon97, ZEGB97, Ang10, BFDB17, SA15a, TSB+14, ZSLL15]. **Norway** [SSR+14].

Norwegian [Mun16, PTP09, RPB99, ST07, AMTE09, BM07, BMK09, KBFH14, LD07, Mun14, PTS01, Pro09, VSFF09, YD09, ZTZB09, ZTZ09].

nose [PSE+93]. **NoSoCS** [PWTH15, WPL+15, Won15, WKLM15].

Note [Dau18, HC13, AM22b, CRT00, DDAH14, PP13, UFAK06].

**Notolepis** [RDW22].

**Notopoma** [BVL04].

notorcadensis [CL06].

**notothenioid** [VPdP06].

**nov** [AM18, AM22a, BCNS15, CAK15, CP18a, GMB18, Gol18, GBBS00, MB07a, MGE13, MB18, QRE+17, SM15, Ste13, SC15, VWTK18].

**Nova** [Ano14, SSG14, DPK+14, DKP+14, DTJ+14, NLDJ14, PDK+14, WPW+14].

**noveaenglaiae** [BJK+22]. **Novaya** [SEN+95].

**Novel** [PFdSG11, BCN+17, SLS+07].

**November** [Ano19l, Ano99k, Ano21l, Ano22t, CCM15, KDG97, SCC98, ZHB07].

**NPZ** [HCG09].

**NPZD** [DGR19].

**nucleotide** [BLBW11, XSL+17].

**Nuculidae** [SW09].

**nudibranch** [VB98].

**number** [Gre08, SSM09].

**Numerical** [CA06a, HFKY05, JMW+20, LWGS00, MPI07, SHM+01, WL02, AS02b, Bas19, BKM07, BU05, CBF01, DGR19, EO02, FC01, GOC09, GMPS04, HKR+01, HBP+14, KB99, LFPC14, LCT+07b, LCL+10, MH93, MGMP02, MDM+13, MB05, NYNK05, RSS01, SAK05, SESS08, STS+15, WDM+05, ZG15].

**nursery** [GSC+19, HSC+19, KHT+20, SCH+19b, SCH+19a, WCS07].

**Nutrient** [CRDP02, CK10, DVS+97, DCK01, DWHM06, FLMF07, HVWH09, JLR+13, KHH+05, KD00, LMA08, LH08, LLK05, MJW+06, RBN+08, STK02, STN+06, SDLZ13, SKF+10, SSH+00, WTW07, WR01, dBC+09, ATS+96, Ark13, Ber07, BMRP02, CBV+16, DLL+15, ERR97, GG95, GGT+02, HHH+14, HHH+11, HS98, HZS00, HHD+09, KSBK01, KCY+16, KLKB95, LML+01, LRM07, MPE+09, MR01, MGDF01, MCG+98, OT03, Qu13, RBA+01, RBS+17b, SMV+03, SMZ+08, SMS+07, SYS05, SH03, SBC17, SKGD14, SF08, TVL+00, TDC08, TRB+19, WCH05, WJD+00a, WJD+00b, WWN+02, WPL+15, WRS99, WS+09, ZAC+15, vGTG+00].

**nutrient-limitation** [MGDF01]. **Nutrient-phytoplankton** [RBN+08].

**nutrient-rich** [GGT+02].

**Nutrients** [BJB+06, KTP+20a, SF04, TMTR14, WWH07, AKH+02, Ano95b, Car07, CWS05, CPEN08, DWW+02, EWBB99, FJG+00, Fon96, GSK02, HdB+02, HLM+01, KMT20, KC03, KN05, LN01, MY99, MPL+10, MCPA02, MSS+02, MLS+15, NKF+10, NMM+20, PFC19, PDE+16, QW15, SMY+98, SZG+13, SDKH03, SSP+06, SP+11, SGD+03, TT01, TNIW02, WPW95, WLD+06, WWN+02, YKS+19, ZHD+08].

**nutrition** [CBC02, HWTP07, VH99]. **nutritional** [JH04, MBB+02].
[BFG+10, NKB+18, SakP+22, ZBo00, AFC+17, BFM+14, BGG+09, BFF+10, CMB02, DFJ18, EBB+08, FARLR+13, FB15, FEB+15, GLCU+17, GBSL98, HLM+01, IHSS+10, KNN+06, LG00, LGML00, Mar18, NFD+02, PSAY20, PLS+03, SGM+02, TGRB, TR02, VAM97, VSC+11, WGW+19, vWDB+01].

Nyctiphanes [GTTMG+10, GGRJD+10]. Nymphon [ASMM11].

Nymphonidae [ASMM11].

O [dLWFB08, BDO00, CMB02, CMVS+10, DHW98, ECD+17, LLB+00, MBW+08, RBJW16, RWL+93, SZB+19, TLP+12]. O‘ahu [TD16, Chi96, Fir96, KCTG16, KL96b].

oasis [RBN+08, CW09, JOD98].

Obituary [Ano18l, BCD+09]. object [MBd05]. object-oriented [MBd05].

Objective [BS05, BS06]. oblique [WCK+18]. Observation [GMCR18, HSMK04, PLHMA06, TGK+11, VHT+20, Fed13, FKH13, LAA+14, MGN+18, SZB+19, WCL+15a, YLH+10, vHHH+11, BHHM+12].

observational [IMG+19, MLW+01]. Observations [ACD+17, Ano05e, BKD06, BHI0, BVGE+06, BRSB16, BU05, CM00, CSG+13, FCC+17, Dsvr+18, Ham07, JCP05, LCT+07b, MW05a, NGS+20, OM14, Pwth15, PNLFS02, PNLFS03, PF06, Pr05, RR10, Sga+15, SAK05, SVK+10, TGU+06, vAvVV+03, AM+19, ABK+96, AKM+05, AAB+01, AEGC04, BMG+04, BM+09, BH+13, BR14, BSBM+17, CSL+22, CR+05, CCL+14, COI+09, BC02, CDT+00, CRI+18, CL+13, CID+10, CHH19, CAGLV+06, DF+13, DNK+08, DBC+19, FYSR14, GDE+06, GBB+17, GSGS01, GsAmnMm04, HB+14, HM+14, HZK+05, HZK04, HS05b, HSC+07, JR15, KWT+16, KMG+20, LBM10, Lar04, LTB+09, LOA+13, LW04, LBB+11, Mah16, MBE+06, MCS+02, M+03, M+16, MLS+16, MT98, MSB05, MARFF08, M+15, NKE+11, NH+13, NW+09, NTD+08, N+14, Oscs+04, OCK+11, PCT18, PBGCD+13, PWJF20]. observations [PGPP+13, PVT+21, Pri06, ROB+17, R+10, RLP+98, RD16, RdR03, Rssm19, RSLR00, SiS+02, SCM+08, SCPC98, ST+13, SJMO2, STP+16, SBC+16, SCPP05, TS03, VSV+97, VT09, WH01a, Wea93, WBJ+98, WFR+02, WW+02, WYSJ16, YSHS08]. observatories [MK19].

Observatory [CGG+19, GMF19, KCO+19, SBB+19, GMB13, JMM+13, LBM10, MK+19, RBX+13]. observe [UGSK+20].

observed [BML+11, CW22, MPS+21, SW+08, TTT+05, AL98, ARLB00, BL96, Fir96, FKH05, GSPT13, Gk16, Had11, HGB+13, HF21, Jac95a, KMD+99, LSM96, MDH+98, M+04, MRD13, Ric05, RHD+18, STF09, SRBR+05, SEM+16, SC16, TRM+07, VLK+06, VCK+09, WRBS+10, WP17, YXC+19]. observer [BLS05].

observing [HWP+11, KKM+10]. obtained [HIN+02, KOR06, PK13]. OC26 [CMD+16]. occupied [KFS+17]. Occurrence [BPM18, MBMGK08, OGI+19, SSJ+22, TD16, DBL+19, DB02, ESWL20, FDP+14, GR10, JR11, KBF+08, KDG+97, LDG+16, OCP18, PSAY20, SL+15, YLD09, YMC+22].

occurrences [MSA+14, WOM+16]. occurring [HRM+18, ODCP98, PKHH17, TFR+10]. occurs [BJF16]. Ocean
BHI10, BCH+11, BSRB17, BTRL99, BFML+08, BH97, BABBO8, BTC13, BMF+01, BHL15, BLO1a, Boy02, BBBM04, BB+07, BE09, BEB11, BW14, BWWG98, BBV00, BB04, BCBO7, BNFS01, BDNS03, BJ15, BHK+10, BOJ+10, BBA+01, BB+03, BL08, BRPH20, BMO93, BEJS93, BLOM93, CAH+09, CSA+09, CSEP+17, CD95, CAS+97, CRDP02, CSfST+17, CCBL14.

Ocean [CHG20, CM99a, CM99b, CGSZ13, CAFK03a, CAFK03b, CWP+15, CWWB04, CRA+20, CFT+04, CMW+05, CMT93, COV+08, CVM+01a, CVM+01b, CMR+18, CAC+97, CHL+95, CBB+00, CM16b, CHH+22, CBMM15, CS20, CLGM05, CNM17, Cra97, CBA+20, CAOT04, CBS11, CSS+02, CM99b, CWed99, CCFL01, CC01, DLHH11, DS21, DBJ97, DKT+01, DSN+10, DBR22, DV+S+97, DDS11, DeM02, DSO+97, DKN+97, DNR20, DP99, DP02, DB97a, DSN+20, DFD+11, Die07, DMW+07, DCK01, DT03, DWJ+15, DFJ18, DBL+19, DGB+98, DB97b, DB02, Duc93, DKQ+93, DDB+97, DNA97, DSYH09, ETDB11, EHL02, EWP+99, ETD+11, FdBGP11, FBS94, FLM10, FS95, FMS93a, FM93b, FSL+01, FAS+03a, FAS+03b, FKH+14, FM03c, FMO02, FLMF07, FRW00, FS07, FvFC+11, FUGG+09, FBCN00, FCA04, FCAD04, FKHH13, FBCCP1, Fr01, FPGH02, Fr04].

Ocean [FPB04, FSGV+09, Gai97, GBH+01, GSMB01, GRWW01, GMPSHA+13, GCS+12, GHGM05, GMM+20, GBL+08, GAL+12, GS+09, GdRGLS04, GCK07, GVD+97, GPB09, GLW+97, GNT+17, GCB04, GFW07, GPK02, GK02, GMMS05, HS01, HSS+18, HHH+15, HCL+22, HBSL01, HCBP07, HPWP07, HLG+21, HNM+20, HAH+01, HK01, He02, HZT+06, HK07, HA03, HMM+03, HWCT04, HS93, HWS+0b, HM93, HDCM95, HF97+00, HBV19, HWS+07, HWL06, HSC+07, HPK+97, HMA20, HAD19, ISB+11, ILWH03, IIM02, IPH+17, JLL+13, JSWB21, JKB04, JBC+21, Jen03, JCD+03, JYM+15, JKF+10, JBVW12, JL+12, JBM+08, JNBJ17, KBMA97, KPML20, KBB07, Kam15, Kam18, KK19, KQ02, KSL+04, KNV+10, KDU+10, KCM+20, KY110a, KHC+09, KSU+06, KML+11, KTSI07, KSU+08, KMA+18, KDO1, KIS02, KBV+97, KWW04, KMD+11, KNB11, KVL+19, KNN+06, KLR6c, KYY+05, KKKH02, LKD+15, LVJC17].

Ocean [LB07, LSF+01, LRFF99, LBV+08, LBL08, LC20, LHD+22, Lr04, LPFS97, LB93, LGP+03, LJL+12, LKJ+15, LGK15, LGO08, LEP14, LSO04, LMvDA16, LDH93, LW10, LGVK+14, LBB+07, LRL+22, LW+22, LIS+02, LZL+22, LPMOS9, LWJI+19, LGBW97, LL13, LTS+13, LML+17, LN01, M1Q0, MBHP99, MP99, MB07a, MNXS02, MT15, MFPL19, MAN+20, MGT+20, MCH+13, MPL15, MP17, MLS01, Mas01, MCS15, MORB+15, MTE+02, MCS+02, MMT+20, MV01, ML07, MTWC+15, MPJ+13, MKT+15, MV19, MHA+15, MMH+08, MNR+11, MDS+16, Met09, MBK07, MWI+17, MSdb1L11, Mdbl+11, MWF+19, MBL+15, MNN+20, MMJ+03, MS12, MSS+02, MNP06, MTT08, MKH+03, MDGF01, MES97, MBT97, MSTM07, MMT+13, MC13, MQACB08, MB07, MLS+15, NGS+15, NG9+20, NG10, NGS+20, NPS03, NSKG96, NRSL17, NGS+05, NDT+01, NTF01, NPSF01, NAB+02, NSFp+11, NMR10, NDD+14].

Ocean [NTH10, NW01, NRH+20, OvdR+20, OCL+08, OKH+22, OTOH05,
Ocean [SFR06, SRF09a, SF11, SSF07, SSH09, SMP15, SMB02, SBP13, SSAL17, SNB02, SLB13a, SDB97, SKdS14, SE95, SSS11, Smil11, SBN15, SBA20, SIFS10, SBC17, SBR97, SE14, SPB10, SGL09, SWCB02, SSJ22, SVS20, SJST13, Ste04, SCWK08, SCH99b, SWGP17, SCC11, SMM96, SKF10, JMP19, SZB19, SLB13b, SJJ19, SB22, SGB96, TB97, THJ17, THZ06, TPW07, TdvE10, TM22, TGB11, TAL12, TSPH09, TNT15, TSM19, TSSR20, TP02b, TP02a, TLK02, TPS15, TRHA01, TAO1, TDC08, TSB14, TTA16, TBB11, TRM15, TRB19, VQ97a, VQ97b, VAM97, VSD97, VHS97, VTA11, VVM12, VH99, VPP07, VBF02, VNBW18, VTD20, VI02, VSY97, VKN10, VGF02, WN01, WHL97, WPHL02, WLZ19, WW04a, WFF07, WHN04, W09, WSTI5, Wei99, WWH97]. Oceanic [Whe97, WF99, WCY05, WBM10, WAL11, WMC06, WSFB02, WNA10, WACGH11, WAN15, WD92, W098, WSB08, WC97, W01a, WCC99, WWN92, WRO1, WvdE10, WDC15, WCL15b, WW04b, YON13, WSLC15, WPB11, YWI12, YHC15, YQMB20, You99, YMCC11, YS01, YKJ15, YBHM05, ZCG12, ZDW20, ZRC11, Zon97, bsBD20]. ocean-atmosphere [AGL19]. ocean-basin [DKP17]. ocean-biogeochemistry [JAM14]. Ocean-color [KMLC04, MCS02, MCS03, MSC04]. ocean-sea [WLY22]. Oceanographic [COQ18, GKR18, LWB20, ML04, OT12, PBFS06, RLS05, SB22, YAS03, BES11, BC08, BZ09, BFDB17, BCKH07, BMH94, CHU00, FWZM12, FZW13, GDA15, HPS13, JD08, JRLJ19, KTS07, LCW20, LSWH07, LBM20, LNHD17, MSS15, MSG018, NPBS00, OB22a, P04a, PC18, PDB16, PLS03, RMB05, RGH16, SMB13, SNMH18, SGB18, SBK08, SABP16, TBW11, UPS04, UIS03, U04, KY07].
oceanographically [CWE+17]. Oceanography [Ano05a, Ano06c, BGDT11, FL04, MTG18, PNLF02, WPG+07, AYN19, BH15, BND+04, CW09, CSM93, GSVCCCH12, GSP14, Hem99, Jhh19, LC16, LCS16, MSI+08, MAR+15, PNLSF02, RP17, RDPB14, RGL06b, SCQ+09, WHNS04, WB03, WNA+10, WMP+11, WKL15, WVA05b, WSP19, YFY+10, YHC+11]. oceans [Gre01, GC07, Hol96, PW12, Sig17, SW99, TSW+09, WCJ97, ZJH08, ABKL96, BGWF08, GA013, LGP+15, LFKF+17, TCH+16].

October [BSN18, CCG04, DMS98, IF95, SMB02, Ano99j, Ano22u, CCG04, Dan95, DMS+98, ERR97].

octocoral [BM17, FB14, PB13, QED+14]. Octocorallia [AL14, Dau18].

octopodids [ACPV04]. octopuses [ABE+11]. oculata [AHVB+17, NOFP14]. Odate [KTSI07].

Odden [BW99b, THV+99, WW99]. Odontoceti [IATK17]. ODP [GPK02, KOS+16, NGM+05]. OECOS [TYM10]. off [AMJRD19, AHGCNM+04, ADBU18, AAG02, ASB+02, Ano14, AGAB19, ARW+04, BSG+11, BBAL+20, BMK05, BB98, BOB20, BFT10, BPM18, BG94, BH94, BD94, Bla94, BM09W, BBV00, CT94, CTW+15, CCCP+18, CA06a, CLC+20, CLF+09, CDG00, CCM+20, CHU+00, CGR+00, CPC+03, CHUVB+19, CDJMO4, CDL94, DLS+14, DGN+17, DDL06, DVG+12, Di 10, DOLP+09, DCR94, DBDT03, DGR19, DLK06, DLKP14, DDB+97, EFW+14, EPR09, ECM+06, FPHH+09, FGU04, FVSRR14, FPS10, FMFW07, FA02, FMH+02, FYS+17, GMT+09, GPC+04, GR10, GGM+05, GHM+04, GQ09, GAC+02, Grt99, HTD00, HT01, HWTP07, HVW09, HS98, Hec94, HMAW11, HSR+16, HZS00, HYMD11, HSK+00, HF21, IATK17, JKK+10, JLK03, JCM+13, JBD+09, Kl06, KCTG16, KKD06, KSD+16, KV+97, LVC06, LTF+19, LWB+07, LRV+02, LPPK14, LAMLB18, MSRM14, MMHB98].

off [MHG+04, MASVB+19, MP17, MDC+10, MBB+02, MGH+16, MP94, MRMP09, MAR+17, MFG+04, MF09, MAA+04, MAA+05, MMMC07, ML04, MTHM11, NCG7, NLDJ14, NFG09, NFD+02, NPBS00, NKK+00, NVK+04, NCR+08, NA09, NMWH19, NCSB+98, OVKN11, OM98, OGI1, PPZ93, PKW07, PNH+00, PDT+10, PDC+09, QLU09, RA98, RV00, ROPB03, RLVF02, RH94, RAL04, RCF+16, SMLP04, SW09, SLS+10, SPF10, SSV02, SSW05, SPEPS18, SRF09b, SH11b, SBB06, SNC+95, SMPSG+04, SAM96, SLC+15, SGW+00, SKW07, SNO0, STS+15, TCG00, TBA+02, TMGLM+19, TMT+11, TML+16, TKF16, TWP07, UPS04, VBM+19, VKGQ+09, WB09, WndEM00, WR09, WST15, WGMW10, WTL+20, WNR+08, WMP+11, YKS+07, YHC+11, YLH+10, vC97, vGTG+00, vCO09]. off-shelf [JCM+13].

off-shore [BBAL+20]. official [DRR+14]. offs [RRK+20]. Offshore [Ano14, CSM13b, CPW+18, DHS+14, DPK+14, DPT+14, DTJ+14, DVC+14, FMDW07, KCA05, LGD94, MC05, MTGY05, MHP+05, MC18a, NLJ214, NR00, PDK+14, PFC19, RHPC+19, RGS+15, SH99c, SJS+13, SGFP13, SDLZ13, TZ09, TB05].

OFP [CRR01]. Oil [AZYT16, ALHP18, AKZL16, CMP14, DPK+14, DPT+14, DTJ+14, DBG+16, DRRBC16, EBM+18, EMEP18, FSP+16, GGM+16, HCRX+16,
oil-associated [Pas16]. oil-degrading [JBD+09]. Oil-derived [AZYT16]. Oilithona [LCDS00]. Okamejei [WST15]. okhotensis [AM18]. Okhotsk [AN06, ASV18, BAF+18, CKFC18, KKSA19, MCB18, S1D19, AN05, AM18, Ala18, B1CE18, CP18a, Dau18, DNG+12, DFJ18, FHK18, GMB18, Gol18, GKL+12, GC18, HSS+12, ITM+12, Kam18, KME18, KSH12, LBJ18, MA18a, MA18b, MB18, Mar18, MAK+16, MMD818, ONRW10, OTHK+05, OBH+18, S1A+05, SA18, SHS+12, VVTK18, YCN+10]. okhtokskensis [Mar18]. Okinawa [CCC+03, IOK03, KLL03, KW03, Tan03, YA03, YKS03]. Okubo [IFFGL+04], old [VMF+16]. Oligocene [OSHB07, WC07a, ZSLL15]. oligotrich [CLL+03]. oligotrophic [ABKL96, AKHR+20, BRG+19, DBR22, HLG+21, HZT+06, KTP+05b, LR97, LH08, LZB96, LLS+19, OvdRvA22, PKZ+16, SZV+19, Thi05, TWPP+07, VPA+20]. Olimpi [PPR+20a, TPP+20]. Oman [Duc93, LG00, MMHB98, MMWM00, PLdL97, PPZ93, SMBM00, SW00]. OMAs [dJMTGG11]. OMEX [WC01a]. OMIP [WLY+22]. Ommastrephidae [Sei13, TS13]. OMP [PFX+02]. OMZ [FLTV97, FL02, WSB+09]. On-board [HZK+05]. on-deck [TPW+16, WW04a]. on-going [KZC+19]. on-shore [CFGR07]. Onboard [DCD+14]. Oncorhynchus [ARWM13, ABC+05, AMK+05, KKK10, KMOM19, MBC+09b, TBH09, WWB04]. One [CDP+02, CMC+02, DBC+02, MML07, DP02, DGN96, FNYK02, GFW07, LK98, LMS15, OFV09, VMF+16, WC06a, ZLOR02]. One-dimensional [CDP+02, DBC+02, DP02, DGN96, FNYK02, GFW07, WC06a, ZLOR02]. One-year [CMC+02]. ONR [FK98, KFH01]. Onset [BDE07, BF+07, BCBF03, FPW02]. Onshore [SGFP13]. Ontario [LPZ+04]. Ontogenetic [MMID17, WL20, YOK+10]. ontogenetically [KSU+08, KUN10, KIN+10]. Ontogeny [YK07]. ooze [GP02]. opal [ITK+16, MBH+95, RLPF07, vdBBB+02, LBR+08, NDK+08, LDS+08]. Open [SUL+06, Ana05a, BMK05, BNMO8, BCE18, BCH+19, BNFS01, DC12, DKC+17, FvFC+11, LWLS98, LBJ+13, MM05, NRS14, NTK+09, RHI00, SFR+06, SLW98, SUL+06, WCH05, WYW+02, YK05, YMMC11]. Open-ocean [SUL+06, BNFS01, LWLS98, NTK+09, RHIO0, SUK+06, WCH05, WYW+02, YK05]. open-water [DC12]. opened [LJJ+12]. Operated [MCH+13, DDB+17, DB1WH20, HMS11, LAJP13]. Operational [HDGM19, COS+16, SABP+16]. operationalizing [RDSA+21]. operations [Sag18]. Opercularella [Ste13]. Ophelicola [CBMM15]. Ophiidiiformes [MGN+18]. Ophiolimna [BTC13]. Ophiuroidea [SN00]. ophiuroids [BBE+13]. Ophryotrocha [VHM17]. opilio [DBMI17, FJR+20, GKBG17]. opisthobranch [Mar13]. opportunists [YERT13]. opposing [CB09a].
opposite [BFSK08]. Optical
[GNG+22, GLSK+17, PBD+02, RGW04, ZWK+15, AL98, ARLB00, BRPI02, CDA98, CCH95, DMS+98, DNK+08, FCCG18, Fig02, FW+11, IHSS+10, JOD98, KKL+15, KMD+99, KMDW01, KBE+04, KGB06, MFH04, MHA+15, MS18, MAA+04, MAA+05, NRS14, PVK+20, PPRHLF02, PTA+99, RD97,SSI+99, SWO+01, SCM+08, WTPSP07, bSB+20]. optics
[BBL014, HWS+98a]. Optimal [FGH+13b, MTWC+15]. Optimality
[Arm06]. Optimality-based [Arm06]. optimisation [KMB01]. Options
[MPH+16, AH17]. Orbital [AKI+16, GBC+05, GHM+12]. Orbital-scale
[GBBS00, IUdV10]. Oregon [ASS02, SSAF02]. Oregon
[BPS00, DME+18, FPS10, GGPM05, MPZ04, SPF10, SW05, SCP05, YLG+18, vGT+00]. Organic
[BMD+17, BRP+13, CNS+97, FRW00, FGW02, HdvGM02, KLL03, KBL+11, KSS00a, LPFS97, LSB07, MS06a, Mil94b, MB08, NMS09, PD01, PGZ+09, RCL+09, RBDO17, TBA+02, WLP+09, ABC+04, AWL+09, ASBM02, ARC02, ACH02, ALH+01, BHM05, BSS+17, BDW+98, BA10, BWD20, BJF16, BCC04, BBDL98, BPB+94, BLS+97, BGG+09, BSS15, BAH+95, BBA+98, BBA+01, CD05, CHPS00, CHN+10, CFP+08, CEP+18, CMB+97, CM99a, CMB99, CVYR02, CSGC03b, CZC+21, CM00, CYFB+06, ÇAYT06, CLPL+09, CMB12, CSS+02, DURP03, DD95, DB05, DLBL94, DTB+02, DKN+97, DJS+08, DC00, DRR17, DáSCP02, DGB+98, DSYH09, EAS+09, ERB+99, GWZ16, GRS00, GRC+03, GBL+08, GGM+16, GLSK+17, GCB04, GMC+12, GOP+01, HMB+96, HCBP97, HP98, HC01, HWM02, Har94, HVN02, HSC+07, HCG+03, HWC07, ID02, HLM+01, JDS+08]. organic
[JDD+11, JBS+13, KBIA97, KR95, KCD+17, KLY+15, KHL+16, KMC05, KV9+09, KSU+06, KW00, LRGH+05, LG09, LMB+98, LPW+09, LG98, LW+09, LWL+16, LKH+07, LFC16, MP99, MH05, MORB+15, MB+02, MD14, MG+10, dJMTGG11, MFG+04, MG+14, MMS07, MLK+12, MBT97, MSTT07, MYN+06, NSKG96, NAB+02, NVBJ08, NKB95, NW01, NTS+11, OCL+08, OUK03, ODP+17, PCB+00, PW15, PMJW10, PPZ93, PTM+16, PH96, Pfa93, PFFS17, PDE+16, PCB+17, PDM+17, PRMM+17, PTD+08, QB02, RTB02, RV00, RRWR08, RGS+97, RHIH00, RPMI+17, RPF+16, RBH+20, SD01, SMC01, SSB+17, SBHS20, SSV02, SSM+00, SW00, SM08, SB+15, SBA+20, SP00, SLZ+16, SD96, SAM96, SP06, SJ100, SCM+09, TRH+08, TTLP06, TGK+11, TAL+12, TTCD14, VCSM09, VKG+11, VAK+09, VCR02, WWH97, WYW+02, WC09, WAC+09, WDC+15, YCN+10, YCT+22]. organic
[YÇYTKB06, YOF+09, YHL+12, YBH05, ZQ97, ZCG+12, ZWQ+19, ZWL+22, ZdB+07, Zou07, ZB00, dCHDOF+18, dSG09a]. organic-
[ODP+17]. organic-matter [DD95]. Organic-walled
[HdvGM02, ZB00, dSG09a]. organisms
[AMN+02a, BBL+13, CGR+96, KRGT14, MB08, PDY20, UGSK+20].
organization [BGMC09, BH19b]. organo [dJMTGG11]. organo-mineral
oxygen-deficient [GBLS00].
oxygen-depleted [SNK07].
oxygen-minimum [VKGQ09].
oxygenation [BN05]. Oxypolella [CAK15]. Oxypolella-like [CAK15]. Oyashio [HiII19, HiII20, HYK02, IGN10, IHSS10, KYI10a, KYI10b, KUN10, KIN10, KMO10, KS10, LSGM02, NKF10, OHS10, STK02, Sak07, SF10, SHN07, SKF07, YOK10, YOO10].

P [ADV01, Ano97b, Ano97c, FSK05, HLFP08, ZHK05, CKH05, ZHK05]. P-cycle [FSK05]. P-limited [ZHK05]. P-ratios [HLFP08]. P. [BGMH01, MM15]. Pa [AFB94, CAFK03b, FA03, HAF15, SvdLM95, VvdLS11]. Pachycara [BKPA06]. Pachyptila [vFvdBB02, BY09]. Pacific [ARF13, BPD11, BRPH20, CMW05, CM16a, DLHH11, DB16, DCK01, DFJ18, DGB98, FSL01, Fri01, FSGV09, GMPSHA13, GdRGLS04, HK01, IYM13, KBL01, LBL08, LSU04, LKL13, LAT02, MCS03, MHK03, MSNL09, MMG98, NHS09, NLSL09, OKY17, OBWK01, PLS03, PZL09, PDPY20, RR10, RD97, SM15, SVF98, SCWK08, SBG06, TdFAL19, TSB05, Wei15, WF99, WCY05, WDD08, WNN02, WDC15, WCI15b, YWI02, YCN10, ATD11, AM22a, AHR06, ATJ05, ABKL96, ASF16, Ano06g, AKK17, ANI09, ATS96, AAB97, Arr15, Arr16, ACG19, AMN02b, AMK05, BTV11, BHL12, BKP20, BK06a, BS98, BSL96, Bas19, BLWS05, BB09, BW04, BHS06, BDW98, BMK05, BS98, BAD17, BL98, BZS16, BDBL98, BGWF08, BO96, BCO96, BD02, BCS99, BE18, CBQ18, BTRL99, BCE18, BT98, Bor01].

Pacific [BML06, BHI99, BGH99, BH99b, Boy02, BCE15, BEM15, BRPI02, BT04, BLS08, BLG15, BNFS01, BB11b, BTO8, BT15, BOH04, CD05, CTG08, CFV18, CLB96, CD0P02, CWSH20, CMB99, CAFK03a, CAFK03b, CBS96, CB18, CDG00, CMAO12, CVM01a, CVM01b, CBMP04, CLQ18, CM16b, CMH20, CMM15, CRM16, CGG19, CMPB18, DZBR95, Dan95, DN97, DDN04, Dau18, DABMAM04, DGN17, DLR11, DJS08, DBN11, DP99, DP02, DVPR06, DGR19, DRS10, DJ13, DJS98, DCF18, DQ02, DBC11, DMY97, DNA97, DO96, EWBW99, ERR97, EBB08, FMZ15, FL04, FHH16, FWC95, FWT97, FBC02, FAS03b, FLMM07, FB15, FEB15, FCG96, FSG02, FDM97, FBCN00, Fre13, FDC18, FC07, GLC04, GVW19, GGM17, GML99, GsdAMNNMM04, GJC98, GKR18,
GBP21, GMCF19, GK02, HRM+06]. **Pacific** [HSS+18, HMB+96, HCBP97, HOD+09, HTTS12, HSS+12, Har+66, HC15, HTS+09, HTK+10, HSBT19, HCHD09, HHP+96, HALV18, HSC+19, HYK+02, HA03, HSM+03, HWS+98b, HIN+02, HDMC95, HFM+00, HDW+20, HAM+15, ITT12, INTS02, IF95, IHSS+10, IIM+09, JCD+03, Jod96, KF5, KPM120, KBK+18, Kam15, Kam18, KSH+09, KWN+09, KOS+16, KSM+11, KNG+02, Kav+02, KDU+10, KF+22, KCZ+19, KSBK01, KM+95, K+10a, KRB+95, KY+17, KTS+07, K+08, KT+02, KMA+18, KHT+20, KOT+20, KN+05, KF+10, KNN+11, K+07, KLKB95, KN+06, MJ+06, MSJ+06, MTB+09, Mar+18, MAS+19, MRS+19, MCSF+15, MMS+19, MA+05, MG+96, MCS+02, MGK+19, MV+01, MLR+07, MAR+15, MTT+12, MLS+06, MM+15, MRC+05, MHH+16, MMD+15, MS+12, M+02, MSG+08, MHS+18, MDTG13, MZH+16, MWFS+17, MST+14, MHH+14, M+02, MJ+95, MHN+96, ML+97, NOT+09, NM+06, NH+14, NSF+01, NAB+02, NL+11, NTK+09, NTS+79, ONR+10, OTN+05, OTO+05, OAC+19, OYK+15, OTH+12, PBF+06, PCD+11, PHS+17, PFC+99, PWP+05, PSK+00b, PDSS+96, PDB+20, Qua+97, RR+96, RPS+95, RMA+20, RLP+07, RH+19, RP+99, RL+97, RDL+02, SAKP+22, SBCH+02, STK+02, STN+06, STN+09, S+02, SD+06a, STF+09, SA+15a, SMH+06, SH+9c, SBB+15, SDB+18, SL+11, SLH+20]. **Pacific** [SNM+18, SFC+98, SHS+99, S+02, SNIT+02, SP+99, SNB+02, SH+96, SBD+07, SBG+98, SD+98, SMB+98, SM+03, SHM+20, SHR+20, SIF+10, SMD+04, SH+16, S+18, SCI+19b, SMB+18, SHPM+14, SPD+11, SLS+11, SLB+15, SKF+10, JMP+19, SPP+22, SML+02, S+09, SHK+05, TBY+06, TTO+15, TSL+11, TRW+09, TSW+12, TKF+07, TMGL+19, TS+10, TPM+13, TBB+08, TSB+14, TSN+06, TSM+09, TNI+02, TTA+16, TBB+11, UP+09, URP+10, VMB+03, VH+99, VSS+96, VS+99, VSS+97, VT+01, VBC+95, WHF+19, WHL+97, WPH+02, WCR+95, WGR+97, WCM+06, WYO+18, WLZ+19, WFA+95, WSL+07, WM+96, WTC+09, WGH+15, WYL+20, WZW+95, WCH+05, WTT+20, WAC+11, WNH+15, WCB+98, WM+99, WC+02, WYW+02, WWW+02, WCO+6b, WJS+06, WSP+19, WCV+99, YK+16, YTF+02, YKS+19, YKO+09, Yot+10, YBC+17, ZKS+06, ZNM+02, ZOB+06, ZDWR+95, ZD+07, ZQ+97, ZRC+11]. **Pacific-Arctic** [OAC+19]. **pacific** [AELP+14, K+10a, KY+10b, LS+10, SPF+10]. **pack** [BLB+11, CMN+16, FH+FM+08, FMS+08, FWM+11, GFS+99, JSM+16, KMM+08, KBF+08, LCV+16, MNG+11, Sd+16, TKF+16, UW+16, vdMLB+11]. **pack-ice** [BLB+11, FH+FM+08]. **packages** [TWL+15]. **Page** [Ano+17a, Ano+17b, Ano+17c, Ano+17d, Ano+17e, Ano+17f, Ano+17g, Ano+17h].
PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].

PAHs [WSS+08, CHT+13, SW08]. pair [PKW07, SKW07, TPW07]. pairs [VMGO+09].
GBH+01, GSMB01, GOC09, KTP+20a, KTP+20b, KVB+09, LC16, LCS16, LLD+17, LPD+17, LPA+17, LAB+17, MSK+06, MJW+06, MSJ+06, MDTS11b, MDI+12, MLS+06, OGC09, PF04a, PF04b, PTD+17, PDA+17, PLA+17, PCB+17, SVR+00, SH99a, SH99b, SS05a, SS05b, SA03, SWCB02, SVS+20, TBC+17, VSR+00, VAK+09, WSFB02]. **Partial** [KRF01, BCM02, CG07, Dan95, TS13]. **Participatory** [RDSA+21]. **Particle** [Ber01, BLC+08, DEK+08, HFM+00, IGP+06, Thu98, VMM+08, Wal94b, WGR+97, ASBM02, ANL13, AAMF+02, AMH+01, BBB04, BMK+13, BAD+97, BTS+08, CM99a, CAFK03b, CBB+00, CRR01, CCH95, DMY+97, ETDB11, FS02, GWR95, GNG+22, GBP00, GAC+02, HMW00, HFM+02, HdmR+99, HM93, HTM+03, HDW+20, Jac95a, JLAD95, JB01, KCD+96, LOA15, LNJ+00, LSdc+10, LAC+09, LW+15, LKK+95, MNBR08, MDT08, MDT+08, NDF+02, NRS14, OB15, OB2+02, PIP93, PDC+99, PW+09, PM+14, RBN+08, SCL+04, SBD+97, SGM+02, SLIT10, TBB+08, UIS+03, WCRG95, WWC+99, XA09, ZDA+16, vdLCS+11]. **particle-attached** [LWW+15]. **particles** [AHV+00, ADGA01, AGP05, BJB+06, CB97, CGR+96, DD95, FBS94, FBL+98, HDCM95, KGKS20, Kaw02, KHH+17, LBV+08, LL95, LPA+95, OMY+03, OL15, PA95, RCW+15, RL97, SSH+02, SNIT02, SHR02, SAL95, SCM+09, TA01, WS08, YA03]. **Particular** [EMEP18, vFvdBB+02]. **Particulate** [ATD+11, BGS98, DSO+97, DC96, GOP+01, LQF+02, LMB+98, LPW+09, PRMM+17, SCM+09, TLLP06, YHL+12, ABD+13, ACH02, ANI09, ASN+02, BS03, BHMC05, BBDL98, BA94, BSP00, BAH+95, BBA+98, BBA+01, CHPS00, CTGD08, CM99b, CM99c, CCZ+21, CCC+03, CFYB+06, CYAT06, CLPL+09, Cz95, DURP03, DB05, DJS+08, DRR+17, DGB+98, EAS+09, FC18, FA02, FCP99, GRS00, GRC+03, GCN+97, GZZC10, HL+21, Hat02a, HK01, HHP+96, HAP03, HIN+02, HWC07, HD02, IOK03, JDS+08, KW03, KR95, KLY+15, KHL+16, KVB+09, LBR+11, LGC+12, LKH+07, MPV+11, MHA+01, MBK7, MTMK+13, MGC+14, MES97, MLK+12, MSTT07, MYN+96, NOT+09, PMJW10, Pa93, PB0F+16, PDY+20, QBO2, RLP+98, RRW08, ROL+15, RSB+15, RBH+95, RMP+17, RBH+20, SBD05, SSL98, SZG+13, SBN+15, SBA+20, SP00, SAM96, TRM+15, VKGP+11, VdLS11]. **particulate** [VAK+09, WBM96, WC02, WCW99, YOI+09, ZCG+12, ZWQ+19, dMCNC99, vdMLB+11]. **particulates** [BSB+99]. **partition** [BSR+18]. **Partitioning** [FCW+15, HAD19, CAGL13, CDR16, LZM+13, MDTS11b, TR02, Pap05a]. **partly** [HAC+14]. **Parvaplustridae** [CSE+22]. **Parvaplustrum** [CSE+22]. **Pass** [SRN02]. **Passage** [LRR+04, MB+13, PZT+19, SWO10, NMW+09, PP20, SSB+06, WBI+01, BPRS11, BHC+19, ECD+17, FGH+13a, FGH+13b, GARV04, HMS+13, HSH+13, JCM+13, MRB+14, MLS+15, PRB+11, RPS+11, SAM+13, SGP+11, VPK+19, VdLS11, ZZM+13]. **passages** [SPH+03]. **Passive** [DME+18, HS93, MGJ+18, SO98, SH11b]. **Past** [LAGK+18, AKK+14, CAFK03a, FC15, GNT+17, HTS12, HTK+10, LLH+15, PS05, RBB+97, SIA+05, Sig17]. **Pasternak** [BPJ15]. **Patagonia**
[PRP15, FSCC07]. **patagonica** [SGB14]. **Patch**
[LC8+06, LML+01, SLW98, TSN+06, TNS+09]. **Patchiness**
[LEP14, GW+08a, RPB02, WT14]. **patchy** [IWW04, NSBL94]. **Path**
[BRL+03, BSX+15, CRM18]. **pathway** [MC12]. **Pathways**
[GF07, SP19b, CPR+05, DCA09, DMD+07, GLB11, GHÖ+13, HRT14, HCG19, HPK+97, Jen03, LGB13, MSF+22, MTTT+20, MD14, MTWH04, PJC19, PHDK11, TP99, WWHT20, vBB+08]. **Patinigera**
[GWDP11]. **pattern**
[DN97, HV98, MLW+01, SMF+02, RMCR06, XSM+19]. **Patterns**
[Bak98, BL99, BHSJ16, CDRA08, CRI18, GDAMS19, HEV+10, HSSN08, MDH16, MSK+19, PCT18, RMD+12, RS15, RQM+08, SJV+08, VLF06, AGS+02, AST07, AKM+05, ACR+20, BPD+11, BLM13, BB09, BMK05, BMH08, BFA+08, BFT10, BE18, BSN18, BMB+18, BDG+04, BE09, BS0+13, CBBM12, Car10, CD09, CLC+20, CSF+12, CG18, CL09, CWE+17, DCC+13, DLR11, DB97a, Die07, EFW+14, ESDM13, FEB+13, FCB08, FHT+14, FCP99, GMR+09, GR00, GCTM10, GQ09, GCM97, GFPM02, HWM02, HCWW01, HMDR+99, HC05, HKP10, HZ19, HRGR06, HCG+03, HPM02, IGN+10, JHKK14, KOM17, KFG+03, LBC+98, LAMS+01, LN05, LL14, LPL+20, MKKB14, MC05, MPH+05, MKRY01, MO96, MBB+14, MCD+09, MWW+05, MDGF01, MBC+09b, NHB01, NKA+11, OHK+02, OB2b, OBA02, Pa104, PWD+11, PHE+18, PCY+13, PMGH01, Pb08, PC98, PCAS05]. **patterns** [PPZ93, PTWM12, RFTB09, RH14, RE98, RJDR06, SMV+03, SMZ+08, SBM16, SLB+15, SWL+18, SE07, SFD+98, SBSH99, SW01, SBP13, SZV+19, STD+20, SDK03, SCD+22, SMS20, SN00, SML02, TLSW15, TSO3, TT17, Wat09, WGG98, WFFB11, WPB11, Yal01]. **Paul**
[FBB+13, Row13]. **Paulo** [GNT+17, MAR+17, NMM+17]. **Paz**
[ONSSV04, SJJ0N04]. **Pb** [STWW01, AFB+94, BB94, CMM+12, CCZ+21, CCC+03, GNT+17, HBC13, LMS09, MLG+04, NOT+09, NESB+15, NTT97, OHT12, RH99, RSB+15, SKC99, SSL98, SRF95, VMM+08, VMO+09, WCL+15a, YA03, YCT+22]. **PCBs**
[GSK96, HKY+13, TRF+97]. **pCO**
[CSW+18, DCF+11, ITM18, MLS+15, RWW+93, TSW+09, TLP+12]. **PCR**
[EPK+10, GDD+09, PBBG+10]. **PCR-based** [GDD+09, PBBG+10]. **peaks**
[MS+22]. **Peanut** [MA13]. **Pearce** [Ano19]. **Pearl**
[MWS+15, KSD16, LG15, YZZ+19, ZZY+19, ZG15]. **Pearlsides** [RBS17]. **Peck** [BJF16]. **pectinoid** [BCVCH04]. **Pectinoidae** [SGB14]. **Pedinophyceae** [TB98]. **Pedro** [MIL16]. **Pelagic**
[DT08, HLA+06, JLY+16, JW+01, MPJ+13, OTH05, RMC+08, RAB+17, Rog17, SWFPK17, TRH+08, ADR19, AGD96, BB09, BMK05, BSRB17, BSB+09, BEB11, BW14, BHC+17, CHG20, CA06b, CBS+01, CMC11, CSF13, CSS+13, CDT+11, DTFW17, DM16b, DLB02, DB02, DDBW20, DG+05, GMH01, HIK+08, HSM+01a, HKAM12, HYMD11, HBC+15, HCH00, HBC+12, HSW+02, HAM+15, HA96, JYM+15, JRGL+19, KTP+20a, KTP+20b, LTF+19, LO03, LWB+20, LCT+07b, LL13, LST+13,
pelago [CB18]. pelago-benthic [CB18]. pelagobenthic [CCBL14].

Pelagos [LPA+17. PMF+17]. PELAGRA [SLS+07]. pelamis [AKK+17].

pellet [GS08, WSB08]. pellets [ASF+12, DURP03, IPH+17, LSUB94, TGG+09]. pellicle [BFG+10].

Penetrating [HLZY10, YLH+10]. Penetration [PPRHLF02]. Penghu [JC03]. penguin [CHPF10, CWEHT22, NCR+08, WLR+00]. penguins [BHH+07, CWEHT22, ERPFF11, FHvFM08, PCL22, RCKCK07]. Peninsula [ECM+06, KHB+04, MBOvL08, RVZ02, VFS02, WAL+11, AMJRDI9, SSP14, AE02, AAMF+02, AHV+17, ARW+04, ADG+08, BLBW+11, BLO04, BPM18, Bo08, BSR+18, BLO+17, BFF+10, BMG+17, BBB13, BCF+04, CAMA+02, CHM+17, CPF19, CKH+08, DSB+18, Dal04, DK04, DKS11, DT08, DZ08, DFK+06, Duc08, DEK+08, ERPFF11, ECD+17, ECS+17, FCG18, FA02, FJF+11, GHM18, GP08, GSM+08, GWDP11, HBT+08, HTA+17, HWCT08, HHPO4, HBO11, ITMG18, JBS+13, JCM+13, JFM+17, KOLA+18, KGD+17, KMMS18, LWA+04, LWASA08, LWS08, LBM+17, LACK+18, MDM08, MDTSI1a, MDTSI1b, MS08, MTX+18, MBW+08, MSV+17, MS+L17, MSJS08, MHV+08, MSLH13, PDSI11a, PG18, PHDK11, PHS+17b, RQNO04, RQM+08, SSWM18, SBRM18, SPEPS18, SHW+04, SH11b, SK02, SMS+08, SMD08, SMSI08, SBS+08, TCM+04, VGBGA02, VMB17, VMI+08, WMB+08, YKY+07]. Peninsula [dCHdOF+18, vWMR+17, vGFSS02]. peptides [PRC+09]. peracarid [AFC+17, GPBB+13, WPB11]. Peracarida [BBPJ13, BC07, MS11, RHW04, BSCE15, LMS15]. Peragallo [FHR+14].

perch [CM16a, CM16b, SCH+19b]. perennially [KSM+11]. perform [KKH+02]. performance [NCR+08, WJR+16, WPAP01]. period [BZMC20, CSS+22a, DC06, GGRD+10, JD+12, PPZ93, RSR05, RDBP14, RP18, SRC98, W099, WJR+16, Wei99]. periodic [KJB+08]. periodicity [TLKT00]. periods [BS01a, Dri09, GBI10, ITMG18, RSF+99, vdLBB+02]. peripheral [SCD+22]. periphery [LPJ+19]. Peritrich [KBR18].

permeable [RTFB09]. Permian [PPR07]. permitting [RLH+03]. Pérouse [MAN+20]. peroxide [WWcW+15, YS01]. Persian [PSAY20]. Persistence [BS09, GS06a, WTCB09, GPM+16, OS02, PLGCL09]. persistent [Bre93, LMM+18, dJMTGG11, SBHS20, SKR+12, WBA03, YNG+16, YSC+20].

persists [MASV+19]. personon [SLLT10]. Perspective [SL15a, AM07, BPRS11, BLG11, BS01, Car07, CNM17, Har96, HMA20, Jam18, JBC+21, KPPP100, LIK11, LSWM22, MA09, PBFS06, RAL+11]. Perspectives [ETDB11, HZWW16, ASBR17, Bak98, LTF+19, PH19, Phi17, SMSI08, XGF18]. perturbations [SZH20, SL15b, ZMY13]. pertusa
BLSW05, BNM08, BvWR+20, Bh01, BCW03, BT98, CRF04, CBF01, CM03, CPG+03, Dan95, DPK+14, DP99, Dia04, DMS+98, DGN96, DLL+15, DGR19, Eck94, ESA+09, ECD+17, FDP+14, FC01, FHW06, Gre01, HNW+08, HV98, HLC+16, HKMS03, HBM+07, HPM02, HAD19, IBB+02, JCD+03, Jho19, KSBL01, LWLS98, LDG94, LL14, LCL+10, MPH+95, MGR+03a, MS+08, MAL+05, MGH+16, MKS+20, MAB+01]. physical
[MSS15, MMC11a, MFE+02, PWTH15, PVK+20, PMJ20, PRA+95, RP17, RTM+20, RGS+15, SM00, SRC98, SBK08, SKGD14, SKSW02, SMK+08, SMSA05, SL+17, TSWJ12, TLMT97, VGV+19, VCG+20, WVV99, WCH+93, WGR+95, WPPJ96, WBBM01, WMC06, WAW05b, ZWK+15, ZKH+13, ZTZ09, Zim19, dCHdOF+18]. physical-biogeochemical [LCL+10].
[ADS+02, AHGCM+04, APB+09, APP+14, BH99b, CD99, CVF11, CBS+06, CWTJ03, DOC01, FMO02, FHY03, GBH+01, GSB01, GCI+01, GG03, HWTP07, HM+02, HHH+10, KL+02, KNN+06, LST+11, LS1+4, LWDH06, LJJ+12, LBB95, LB98b, MPG+97, MBHN02, MSK+06, MJW+06, MS+06, MB+01, MAT+12, MNC+20, MSH+07, MCM+07, NGS+15, OS02, PHH+06, PMS+07, PZK+05, RLVF02, RVZ+01, SAB+13, SHGB95, SLMP07, SAM+13, SWDB+14, SBC17, SFP+09, TBEW99, VSGM03a, VSGM03b, VPA+20, WCC05, WT+14, WvE00, WvE+10, ARNB01, AHML95, AMv+12, Arm03, ALvD12, ALR+14, BPD+11, BE00, BMGF93, BMCF97, BMC09, BL+14, BSK+97, BS01, B096, BCDV02, BA01, BHHM+12, BM07, BLC+02, BTUV08, BES95, BOP95, CTBNL08, CGM+07, CSW+17, CLSS15, CKJ+16, CMBPM04, CBC02, DSB+18, DD95, DNN+04, DRD06, DEL+17, DCA09, DHR20, DFS+11]. phytoplankton
[DJR+01, DLL+15, DRY+04, DKT+00, DB97b, DO96, DFMG01, ESK06, EGL+16, FAS+03a, FAS+03b, FSP+16, FC+96, FG+00, FWS94, FPB04, GAL+12, GAL+20, GGT+14, GVW+19, GdRGH+14, GOGDB18, GLW+97, HTD00, HOD+09, HVW09, HTS+09, HBB+11, HSO7, HLFP08, HCS05, HALV18, HPK+15, HK08, HWS+98b, HHHK+04, HKO+17, HXZ+22, HKY+16, IF95, JMN+15, JS1+4, JCF+06b, JLR+13, JKP+17, JZ93, JP293, JCP09, JLI+12, JSP+17, KF95, KJL+17, KKH+02, KAHLS0, KYY10a, KYY10b, KLJ+16, KMDW01, KHC+09, KUN09, KIN+10, KMO+10, KWW04, KDG+97, KDO0, KHL+17, LBdL14, LBC+98, LSB+02, LBR+08, LB98a, LSS+11, LPJ+16, LJJ+17, LMG93, LDDH93, LL05, LWZ13, LYN+13, LKK+13, LLH+15, LHZJ13, LL14, LCT+07b, LXS+13,
phytoplankton [MSS+02, MNPT06, MMT08, MHVM+08, MSTOP+02, NGS+20, NKF+10, NK0+20, NR06, NL11, NRS14, NS+H11, NKB95, OCL+08, OHK+02, OE06, OCS00, ORFA+14, OS04, ŌCB+04, PSA14, PWD+11, PLT+13, PKW07, PDT+10, PDT+11b, Pec97, PHS+11a, PHS+11b, PHD+11, PVRA07, PW12, PABH07, RJM+15, RMCAR06, RBN+08, RHB+95, RJGFB02, RFLW00, RMR+14, STN+06, SLS+07, SMZ+08, SVC+08, SSI+99, SVD97, SAVP12, SRY04, SBQ+02, SLT+11, SOS01, SYS05, SSW05, SSE+14, SMHB00, SKK+16, SGM+14, SGM+02, SF08, SFB16, SP06, SFW+13, SFZ+13, SSI+09, Sva96, THZ06, TS93, TPW07, TBW+11, TAL+12, TC06, TVLB08, TT01, URDP01, VH99, VFS02, VKGP+11, VPP07, VSC+11, WHF+19, WW04a, WGR+95, WJD+00a, WJD+00b, WDKC00, WLD+06, Wrt94, WM99, WC06b, WW04b, Wya14, YOK+10, YOO+10, YHK15, YOI+09, YLK+15]. phytoplankton [YJK+15, ZHD+08, ZOB+96, ZPT+13, ZAC+15, ZEH+13, ZHK+05]. phytoplankton-derived [BS01, SP06]. Phytoplanktonic [ME02, SLS+10, SWBKK10]. Pico- [SF10, CAGL13, DB97a, DO96, STF09]. picocyanobacteria [SW01]. picocryptophytoplankton [THZ06]. Picophytoplankton [BLB+99, BCO+96, HZL+12, LH01, LIS+02, PrvR18, WDG+02]. Picoplankton [RRN20, CP03, HCL+22, LKC96, LCT+07a, LLS+19, MGS+10, ZH08, ZZX+13, ZZZ+16]. picture [MCH+13, SSUB15].

Picturing [HSZS17]. Pigment [BMGF93, BMCF97, HH93, MTBB00, SNS+08, ABKL06, BE00, BO96, ESK06, FHY103, GCT+01, GoR+14, HTS+09, HPY+15, HS93, MAB+01, MAT+12, OE06, Pee97, RD97, RVZ02, SWDB+14, WDG+02, WvdE00, WvdEP+10, YOO+10, dBC+09]. Pigmented [LLS+19]. pigments [AIWW04, APB+09, BM99, CCB14, DPS+11, DNAS97, LB98a, MCPA02, MKT+15, MR08, PLGCL09, PHH+06, RHG+97, SMLS02, WC06b, WC09, WW04b]. Piip [BEZ+22, CSE+22, MG22]. pillars [AHVB+17]. pilot [MMG98, TAB+16].

Pine [MAT+12, TAL+12]. Pink [FC+20, ABC+05, CBA+05, MBC+09b, SMIL19, WBI+17]. pinniped [KRW03]. pinnipeds [CRF04, LWB+07]. Pisces [LCVV06, TTD13].

[AMV+09, ADG+08, BDW+96, BWS+98, BL06, BLS+08, FSK+02, GS06b, LTW+22, LDFS03, MPH+95, NMWH19, PGS14, PBD+02, RIBW99, RWZ+02, SV93, ZS+19, Ano97b, Arm03, ADGA01, AGP05, AMTE09, BLSW05, BC05, BOH+22, BK+17, CAGL13, CMV+20, CD20, DGMS96, DPS+14, DSN+20, EB01, FP+09, FSG02, FG97, FC09, GDE+96, GOD+01, GSW+09, HAH+10, HWCT08, IGN+10, IHI+97, JCF+06a, JWS01, KBL01, KM98, LLR+06, LCD01, LW04, MY99, MP99, MBd05, OC00, PP93, PAVGB02, PTD+14, PDE+16, STK02, SMV+03, SHI06, SFR+06, SRF+99a, SBB+19, TBB+11, VSD+97, VSV+97, WBM96, WMS+96, WBBM01, WBM+06, YWI+02, PTD+14]. **Planktonic** [ABB+01, BHC+01, CSGC03b, HSH+13, HS16, KTL+00, Ang10, AKHR+20, DP02, HSY08, JBOH10, KK+02, LH07, MB+96, MBC+99a, OTO3, Quh13, QLU09, RVGJ+02, RVJG+05, RJDR06, RP+06, SDMS06, WLZ+19, dLC+14]. *Plant* [YERT13]. **Plastic** [FEB+15, HKY+13]. **plasticity** [NSV+11, Vri09]. **Plata** [RDd+13]. **Plate** [RL+22]. **Plateau** [BSL08a, BQT08, Di10, MAR+17, VPP07, ZLJ08, vBBR+08, BBE+13, Har11, NH11, ACQ+08, ACBMQ08, BvWR+20, COV+08, JDS+08, JBM+08, MWK+20, MMT08, NMN+17, PFDG08, PRDF08, PVRA07, PMS+07, SMS+07, SLMP07, SCSMT20, VPSL15, WWHT20, ZDW+20]. **plateaus** [MGT+20]. **platessoides** [DKP+14]. **Platform** [SWB+18, WKM+07a, AML+19, KJB+08, TFP+16]. **platforms** [Fed13, HMG17, TWL+15]. **Plausible** [WCJ+11]. **Pleistocene** [AK+16, CRM+16, FS07, HS16, IKR+12, KOS+16, KKT16, Lcd03, MA05, PDBH03, TRO16, ZA+16]. **Pleuragramma** [OMG+11]. **Pleurobrachia** [MCC+98]. **Pleuroncodes** [RAL04]. **Pleurocentiformes** [TDT13]. **Plio** [BCA+03]. **Plio-Quaternary** [BCA+03]. **Pliocardiinae** [LV1CJ]. **Pliocene** [FSG02, HS16, KOS+16, KKT16, LW15, TRO16, YK16]. **Plume** [DWM06, KC05, KCA05, SP19a, VT09, ZPG14, ZA16, HTML98]. **plume-associated** [ZA16]. **plumes** [CBB+98, FBL+98, GOH+15, JBS+98, KLO+98, LAP+16, MM+09, MBF+98, OS04, Ph17, PFS19, TH99]. **PlumEx** [GJC98, SMY+98]. **plunderfishes** [LCV+06]. **plunge** [YKN07]. **plutonium** [HAP03, HPK+97, LGM+03]. **Po** [?]Chen:2021:DIP, Verdeny:2009:PEO. **POC** [AT10, ALH+01, BDW+02, BMH98, BCS99, CBB+00, DP07, FS02, GMR06, GGR98, LCL+09, MGR03b, ME02, MKH+05, VMGO+09]. **pockmark** [BNP+09, CB+09, OCG+09]. **pockmarks** [CSG+15, GPB+07]. **pod** [OMA18]. **pod-specific** [OMA18]. **POGO** [TSDG13]. **point** [Osc01, CPM+18, CGR+00, RA98, VLK06]. **points** [HIA+16, MPH+16]. **poisoning** [ACK+14, BMH05, DCD+14, KAM+14]. **Polar** [ARLB00, ARNB01, AS02a, AF01, BVC+04, BVB+14b, BH+14, CSW+17, CSP05, CHR97, DURP03, D001, DLB02, DSJ+11, GSK02, HPM02, JSSW+14, LSE+02, MAB+01, MLBB+14, PH17, PRMM+17, RTB02, RPZ+14, RF97, SM00, SLA+01, SKMDR02, SGB+02, SBdL+02, SWGP17, SLB+13b, TPS+15, URDP01, WMA11, WZB+14, vFvdBB+02.
vdLBB+02, CSS+22b, Fed13, JLTD11, JMN+15, NGS+20, ODR+09, PBB+13, RBJW16, SJD+11, TWA+12, TPW+16, TRHA01, TTL+16, WF13, BGD11, BL01b, CEG+11, DPS+11, ETDB11, FGW02, FS07, FBCN00, JD+11, KMD+01, LBR+11, RGTV97, SHB14, TLK+02, WGWW11.

**Polarstern** [EdBGP11, Kyt02b, Kyt02c, RSD+97, SDB+97, SBvdL+02].

**Poleward** [SHKW05, KLM13, PSK+00].

**Pollock** [WWN+22, BCB12, Bko02, BWC+02, BOKA16, CBSS02, CP02, DABF+16, ESB+20, GEP+16, GBP1, HSFN13, HPH+16, JHJK14, LSHW07, MZH16, PHF+16, SHN+07, SM13, SNS+16, SDAH+12, SSDA13, SCD+22, SHPM14, WC07].

**Pollutant** [PP95].

**Polyacrylate** [dJMTGG11].

**Polybrominated** [CHW+12].

**Polychaeta** [Ala15, KEA+17, MHC+10, QRE+17, RRT+17, SE07, STB+17, VH17, WSI11].

**Polychaete-parasitizing** [CBMM15].

**Polychaetes** [Hil04, Ala13, Ala18, GLMB13, LG00, LZX+13, NRS17, PFG+09, WPSB11].

**Polychaetous** [OBKA17].

**Polycyclic** [HPTM14, HT17, LTS+97, WSS+08].

**Polycystine** [WPJW96].

**Polymetallic** [BBM+15, GLMB18, GB16, CBSS02, CP02, DABF+16, ESB+20, GEP+16, GBP1, HSFN13, HPH+16, JHJK14, LSHW07, MZH16, PHF+16, SHN+07, SM13, SNS+16, SDAH+12, SSDA13, SCD+22, SHPM14, WC07].

**Polynoidae** [STB+17].

**Polynya** [Cck+16, DFF02, HKY+16, KCY+16, CKJ+16, JLY+16, LLK+16, LPJ+16, TLP+12, WZZ+22, HBB03].

**Polynias** [TAL+12, ALvD12, MAT+12, WBA03].

**Polyunsaturated** [Kha18].

**Porifera** [GJ11, HRX17, JTT04, JT07].

**Porosity** [TGFE02].

**Porcupine** [AZT16, LZS+18].

**Pore-water** [WSB+09, HBT+08].

**Porifera** [GJ11, HRX17, JTT04, JT07].

**Porosity** [TGFE02].

**Pore-water** [WSB+09, HBT+08].

**Porifera** [GJ11, HRX17, JTT04, JT07].

**Porosity** [TGFE02].
\textbf{PORT} \cite{LGK15, BS03, CRBK03, CKL03, KFG+03, KRW03, KL03, LT03, RHZ+03, SGD+03}. \textit{portal} \cite{GDC11}. \textbf{Portimao} \cite{BVGE+06}. \textbf{Portuguese} \cite{GdSP11, CPA+11, GS3S+14, KBI+11, SMR+06, dSJB+11}. \textbf{Portunidae} \cite{VAM97}.

\textbf{POSEIDON} \cite{BSS+02, KTP+20a, KTP+20b, MMXS02, KFH01, SMS03}.

\textbf{Position} \cite{BCNS15, CCM+20, KME18, LGP+15, NRH+06}.

\textbf{Possible} \cite{BL06, CKB+07, GEP+16, KSBK01, BW04, BMK05, HS98, JR11, LWS21, OGBF08, PRRLF02, Rod13, SRY04, SGC03, TMP+19, TD16, WPB11}.

\textbf{Post} \cite{MTB09, BE18, GLCU+17, NLSL09, OGG+15, SMV+13, LB93}.

\textbf{Post-eruption} \cite{MTB09, NLSL09}.

\textbf{Post-flexion} \cite{OGG+15}.

\textbf{Post-Miocene} \cite{LB93}.

\textbf{Potentia} \cite{MBS+18, CRR+19, ZDM+20, GRD+11, GRD+17, HKY+13, KSB+17, LFC+16, MBG+18, MBC+09b, NSMBN+08, OWD+13, OT03, PPYN+15, Pas+18, SD06b, SRH+11, SGC+03, SSP+09, SMB+18, TBSP+18, WGST+08, ZSKL+19, ZdBB+07}.

\textbf{Power} \cite{MGK19}.

\textbf{Practices} \cite{BC08}.

\textbf{Prakash} \cite{HBC+22}.

\textbf{Prasinophyceae} \cite{TB98}.

\textbf{Pre} \cite{NLSL09, DG18, GLCU+17}.

\textbf{Precautionary} \cite{HWN+04}.

\textbf{Precipitation} \cite{KWF+19, SM+11}.

\textbf{Precision} \cite{CBB+95, BKY+17, MCH+13, ZDW+20}.

\textbf{Predictable} \cite{PWB+06, LPA+95}.

\textbf{Predictability} \cite{CB16, LK11, WDR+05, Won+15, YSW+16}.

\textbf{Predicted} \cite{PWB+06, LPA+95}.

\textbf{Predicting} \cite{MBS+18, OBWK+01}.
preferences [ADK+15, CP05, FRBB10, IUdV+12, LLD+17, LPD+17, LMLC+17, PTS17, SSSN19]. preferential [TYBY06].

Preliminary [Ala13, BBS+20, CB18, HZYZ10, KM15, LAÀ+14, LH06, TPP+20, BCA+03, FDR+18, HSC+07, NCK+22]. Preparing [RDL+09].

prerequisites [TY98]. presence [Blu93, GdRGH+14, MGJ+18, ÖCB+04, SMB+18, VGD14].

presence-background [VGD14]. present [BHS+10, HTTS12, HHMF11, Kos01, Sig17, WYOS18]. Preservation [STR+14, GRD+08, HZWW16, ID19, ILWH03, ZB00]. preserved [ACQ+08, SSAF02]. pressure [AFC+17, BCM02, Dan95, KRF01, LMG93, LAPL+16, OACA19, PW05, TGRB02, TGG+09, TY98, ZSN+18, BY09]. pressures [CG07, TS13]. Prestige [CMP14]. presumed [NDD+14].

Prevalent [AHVB+17]. previous [EMG+15]. Prey [HDJP05, Ant10, BWC+02, BD06, BOKA16, CSA+09, CBK+07, CBA+05, EHK+20, FRH+98, KY17, KIM08, LTS+13, NYH+20, NSBL94, RSWG04, SMÀ+17, SKR+12, SVJ+08, SLTL10, STS+15, UKM16, ZFP+16]. preying [GMD07]. Pribilof [BSR08, BSRM08, CRJ+08, CBSS02, FSK+02, HSSN08, JVDH08, Loh08, Mac08, MSMS08, MiSW08, PC08, RMD+12, SVJ+08, SKM+08, SKMS08].

primarily [OUJ+19]. Primary [BSL+96, BMB+01, CMT93, DNH+02, EBB+08, HMS+03, IHSS+10, KDG+97, KNC+09, LRV+02, MSJ+06, MPH+22, MBK08, OMS06, PMG+22, SCM+02, SHF+05, SGW+00, TAMTC+13, VMBS03, VMI+08, VSV+97, WGMW10, WGGW11, AHGCCM+04, Ano97c, AvD04, BRSW95, BGKB06, CFS+06, CMG+11, CC03, DSB+18, DS21, DSC+01, FME+09, FRW00, FDM+97, GSMB01, GWWL03, Gra09, HC05, HKO+17, HNRGL06, INTS02, JEK+15, JBS+13, JDL+12, JPSB93, JSP+17, KCD+96, KNB11, KN05, LUV99, LLB+00, LMM+97, LmvdA16, LCT+07b, LCL+10, LZZ+16, LMC+12, LAF+02, LFHM97, MGR+03a, MDH+98, MFG+93, ML20, MAÀ+04, MAA+05, MLK+12, MBP09, NED09, OBWK01, OBM+93, PFC19, PC00, RCF+16, SBM16, SG99, SWO+01, SMHBO0, SGP+02, SGP+02, SLB+15, Sva96, TSPH09, TPS+15, UWvDE+16, VFS02, VSSN96, VRL+02, WPG+07, WCRG95, WDM+05, WSL07, WAK+12, WCH05]. primary [WMM02, WWC+99, YKSI19, vRPD+18]. PRIME [Ano01f, SIBW01, WH01b, WPAP01, KFHR05, vHHH+11]. PRIMI [TAB+16]. primitive [TB98]. Primnoa [AELP14]. Primnoella [PB13].

Primnoideae [AL14]. Prince [Cam18, CBA+05, FPGH02, GKR+18, GFM02, HPM02, LB18, LNH+18, MC18b, MOA+18, SNMH18]. princeps [CGD+15]. principal [WDMEL01]. priors [vFvdBB+02]. prior [YK16].

process-based [BJP+22]. process-oriented [BKM07]. Processes [Ana05c, BN05, BCM02, CMRRL11, GHGMI05, HB03, KMLT06, L100, MKVT+04, PVT+21, RMC+08, RH94, WMM02, AGL+19, AGN+02, AM02, BFL+20, BB90, BGOL01, Bi94, BFF94, BSLK04, BE09, BEB11, BW14, CWSH20, CMG+12, CCS+16, CL09, DRD06, DBD03, DDB+17, DCR94, Dia04, DBDT03, DFK+06, DGS+05, DJC+14, ES04, EWA+03a, EWA+03b, FGH+13a, GBH+01, GSBM01, Gar04, GBP00, GF07, Gre04, HKR+01, HRM+06, HDFS+01, HSO04, HSM+01a, Hin09, IBB+02, KM05a, KWA+20, KHL+15, KMO09, KSB+03, LWLS98, LBM+17, Lin16, LL14, LPS03, Liv95, LWG98, MC05, MSK+06, MJW+06, MSJ+06, MMS+16, MHD+11, MBS+13, MGH+16, MSGO18, NTA+10, OHT12, OGBF08, OBH+19, OAH+16, OGG+20, PTD+17, PMJ20, PN93, RCG18, SCM+02, SSG14, SIS+02, SRF95, SKM01, STM04a, STM04b, SBD+97, SNFK20, SDMS06, SWGPK17]. processes [SD22, TSZT13, TFK16, TAB+05, UIS+03, WP22, WDD+22, WCH05, ZT09, vFvdBB+02, vHSM04b]. processes-induced [WDD+22]. processing [BFM+14, CLPL+09]. Prochaetodermia [S109]. Prochaetodermatidae [S109]. Prochlorococcus [LAB+99, LCL+98]. produced [OCL+08, OBRJ01]. producer [OMS06]. producers [NED09]. producing [JS14, MFH04]. Product [Ana09n, MDI+12]. Production [CB97, CK03, CW9E99, DOB+01, HT5+09, PDE+16, AHGCM+04, Ana09c, AvD04, AMN+02b, AM02, AMK+05, BTB+08, BLSW05, BBH05, BH99a, BDO00, BCDV02, BFML+08, BRSIW95, BGKBO6, BZvH00, BBV00, BLB+99, BLC+02, BBD+03, BT15, CRD01, CFS+06, CEG+11, CC03, Che03, CCW+08, CCZ+21, CMT93, CCK+16, CMB12, DSB+18, DSD1, DCL+09, DCA09, DSO+97, DBN+11, D001, DCK01, Duc93, DKK+00, DWHM06, DCF+11, DSJ+11, EBB+08, ECS+17, FAS+03a, FAS+03b, FME+09, FRW00, FBP04, GSBM01, GWR93, GBP00, GSW+09, GS01, GWL+97, GLW+97, Gra09, GCB04, GFW07, Hat02a, dLTGCA+03, HGAB04, HC05, HAL18, HCD95, HK10, HKO+17, HdbB+02, HNRGL06, HRG+16, HKV+16, IIM02, JLTL11, JDL+12, JWC+01, JSP+17, JAM+14, KCD+96, KNG02, KPPL00, KKK+17, KR95, KHC+09, KLM+02, KEP293, KNB11, KLD21]. production [KDG+97, KC00, LUV99, LST+11, LHD+22, LLB+00, LOF+02, LPJ+16, LMM+97, LMvD16, LDHI93, LZS+18, LCL+98, LKH+07, LCT+07b, LZZ+16, LGGW97, LRV+02, LMC+12, LAF+02, LFHM97, MDH+98, MD08, MFG+93, MC02, MBH09, MBK80, MGBN96, MPC99, MNBO2, ML20, ME02, MBP09, MCL+12, MQD06, MLS+15, NIS05, NL11, NW01, NPA+22, OBWK01, Ose01, OBM+93, PAVGBG02, PFC19, PC00, PC08, PCAS05, PKZ93, PMG+22, PDS00, PGK14, QBO2, RBJ16, RGS+97, RHD+18, RiBW99, RSW+00, RAL+01, RCF+16, RPJ+06, SCM+02, SM00, Sam01, SMV+03, SMS+07, SHGB95, SG99, SLT+11, SFW08, SFR+06, SRF+09a, SBSH99, SGC03, SRF95, SW0+01, SNS+16, SNO2, SPS+06, SR08b, SKK+16, SBH+02, SVS+20, SMG+07,
productivity [Ake19, FLMF07, JZ93, JPZ93, OTA, TAMTC, VSSN96, VRL+02, VMS+08, WCRG95, WDM+05, WCMB06, WBG01, WTI12, WGW11, WAK+12, WNN+02, YOO+10, YCY+12, ZLL+10, ZIA16, ZT00, Zou07, MPH+22]. productive [AE02, CAMA, HPS+13, JSP+17, KCY+16, MAA+04, MAA+05, SSM+14].

Productivity [Ake19, FLMF07, JZ93, JPZ93, OTA, AMvD, BRG+19, BSJ+96, BMB+01, BBE+13, BLD+06, BBV+14b, Car07, Car01, CMG+11, CHH19, DNH+02, DSC+01, DC96, FI02, FDM+97, GMR+05, GVW+19, GNHS05, HGVHM02, HMD+03, HHK+04, INTS02, IHSS+10, IMP+02, JAK+22, JEA+15, JBS+13, JPS+93, KBL01, KRT05, KWW+12, KLKB95, KD00, KNC+09, KRG+01, KN05, LDR+06, LJL+12, LGV+14, LCL+10, LAT+18, MPH+95, MPP+97, MGR+03a, MSJ+06, MAA+05, MLA+05, MLK+12, MBT+97, NFD+02, NZT+97, PPA10, PGC+11, PG07, RBB+97, SMB+08, SBM+16, SHF+95, SLMP07, SMH+00, SBH+02, SGW+00, SLB+15, TPS+15, UWV+16, VMBS03, VAMPR+17, WSL07, WMW+96, WGMW10, WCH05, WMM02, WDKC00, WWC+99, WM99, YKSI19, YKJ+15, vRPD+18].

products [AGG+14, GF07, SHH03, bSB+20]. Prof. [MLB+10]. Professor [EG96]. profile [GMK+08, KK20, TR02]. Profiler [SHY+08, BMM+99, HBVO08, LDHO+14, TSDG13]. profiles [BHR+07, DPF+14, DPY14, DM16b, EiH+05, HKB+01, HBT+08, JW05b, PTD+14, SE95, SHM+07, SIFS10, ULH+21, YKS03, JW05a]. profiling [BS05, BS06, GLK+06a, HB03, KOR+06, PNV+13]. profunda [LZS+18].

profundorum [BCNS15]. prognosis [MSvL17]. prognostic [CBF01, FC01]. Program [Ano14, CRR01, DTJ+14, DB16, RR08, SA03, Urb20, ZD0+19, BRP+02, BAH+95, Eck94, FI09, HWCT04, KL96a, LBL08, Mar02, MK96, MH+02, NLJ+14, POA+16, TIKS03, WPW+14, Zim19, Ano06f, Bau02, Beg18, VBF+02]. programmable [BTLC98]. Programme [RJH+06, RPH+06, RJHJ09, BMML06, CA06b, LF02, PH19, PBB+13]. programs [BNM08, FK98, PSK+14, SH02]. Progress [CB09b, HTK+10, HLA+06, BMR+14, MSvL17, Pra04]. progression [NBSF01]. progressive [HAC+14]. Project [Ano06d, FSP+16, GBB+17, HS13, LS14b, MF93b, VNA+16, BTD11, CW09, EiH+03, FSM93, MHH+04, MSV18, PIP+02, PBB+13, ROB+17, RBDO17, RTM+20, RT20, SRS+15, SWO+01, SMD08, TAB+16, ZDBG05, Ano05b, DKS01, GH05, GH05, NG01]. Projected [AJM+22, BLG+15, HGB+16, HKC+21, RHR+15, WOS12]. projection [MCSF15, QQJ+21]. projections [MAH+12, PCH+22, TdF+19, WYO+18].

Pycnophyes [AM15]. **Pygmy** [MGJ+18]. **Pygoscelis** [CHPF10, CWEHT22, NCR+08]. **pyrite** [Sch07]. **pyrolysis** [ÇYFB+06]. **Pyrophaeophorbide** [BBDL98]. **Pyrophaeophorbide-** [BBDL98]. **pyrite** [Sch07]. **pyrolysis** [C¸YFB+06]. **Pyrosequencing** [XGL15].

**Quality** [DIM+12, ERB+99, MBB+02, MFH04]. **Quang** [NCT13].

**Quantification** [BSG+02, FHWO6, MMY+20, SM96a, YLBdR03, GRSW00]. **quantify** [LWSA08]. **Quantifying** [BGS+08, GDC11, HHD+09, RG13, SSP14]. **Quantitative** [Ano05e, BU05]. **quantities** [Ano05e, BU05].

**Quartz** [NAT+12]. **Quasi** [GGLP02, MV19, RSSM19, CFR+14, KO03, PPRL02, RG93]. **Quasi-biennial** [MV19]. **Quasi-biweekly** [RSSM19]. **Quasi-geostrophic** [GGLP02]. **Quasi-Lagrangian** [ST13]. **quasi-neutral** [KC03]. **quasi-stationary** [CFR+14]. **Quaternary** [BW99a, BCA+03, Die07, EWA+03a, KT05, MT15, MPC99, OTK+05, OTA+05, SLB+15, TT05, CSS+02, WSL07, EWA+03b, MAK+16].

**Queen** [WWB04]. **Quick** [LCW+07]. **Quiescence** [GSB+03]. **QuikSCAT** [OCKA+11]. **quotas** [TBB+11].

**R** [SLM98, CP22, CPM+18, RAB+17, Ste13]. **R.V.** [SLM98, CP22, CPM+18, RAB+17, Ste13]. **Ra** [KLKB95, KL96c, RKS+95, SSR96]. **Ra-derived** [KLKB95]. **race** [PST+05]. **radar** [KL06, PCT18, SLP+09, SP09, YSWJ16]. **radar-derived** [KL06, SP09].

**RADARSAT** [OCKA+11]. **RADARSAT-1** [OCKA+11]. **radials** [SP09]. **radiance** [BY04, WGR+95]. **radiances** [HS93]. **Radiant** [PRV22]. **radiation** [BCG04, JMW+20, PPRHLF02, VTA+11, WW04a]. **radiative** [Gra01, MHA+15, SN04]. **radio** [MML07, TPP+20]. **radio-tracing** [TPP+20]. **radioactivity** [Liv95]. **Radiocarbon** [DBJ97, SR08a, BDW+98, BA10, BWD20, DGB+98, KMS+02, MDB98].

**Radiocarbon-derived** [SR08a]. **radioisotope** [HWS+07]. **radiolaria** [WPJW96]. **radiolarians** [TTT12, IOTS16, IUdV+12, IKR+12, MA05, OTK+05, PPC+07, TT05]. **Radiolarians** [AN05, AN06, OTOH05, YTF02]. **radiometer** [FRW00, LCW+07, PMLM+02]. **Radioactivity** [SE95, Ano96f, CHL+95, CG18, PLS+03]. **Radioactivity** [Ano96f, CHL+95, CG18, PLS+03]. **Radioactivity** [Aar03, BDM+03, HPK+97, IPTH03, MHK+03, PDG+03, SEN+95, Tho97]. **Radiotracer** [VMGO+09]. **Radium** [CGM+07, vBRR+08, KM05a, SDLZ13]. **RAFOS** [CMRI13, GMCR18, PR05, RG03, SRBR05]. **rafted** [CLGM05, DF16, Hebo00, SIA+05]. **Rain** [MLR07, BAD+97, Mun07, RLPF07]. **rainfall** [KVL+19]. **raised** [YKN07]. **Rajidae** [WST15]. **ramea** [OGJ+19]. **range**
[CFK15, CLC+03, FJR+20, NOFP14, PC98, SSP+09, SHC+22, SBE+99].

**Ranging** [BTL98, DFMW13]. **Rapid**

[DGMS96, LPA+95, LB14, OCL+08, PDSS96, STP+16, ZFA+02, BZMC20, CLGM05, EH+20, KMMS18, SP06, WPB+16]. **Rapidly**

[AHV+17, MWFS17, Pas16]. **Rapidly-sinking** [Pas16]. **Rapidly-warming** [AHV+17]. **Rare** [HOD+09, PPR07, BPPJ15, BG10, CVA+13, FSCC07, Kha18, PPC+07, SBE+07, ZLJ08]. **Rare-earth** [PPR07]. **Ras** [BMM+99].

**Raschii** [HPL+12, PSS+16].

**Rate**

[AEIP14, ASF+12, BD06, DABMAMA04, LCW20, LAPL+16, MW05a, PLRV22, PLPS98, SSSM18, ZQ97]. **Rates**

[CM99a, CCK+16, GSMB01, PDT+10, PDT+11b, SGD14b, ASBM02, ANO96f, ASF+12, AMK+05, BK96a, BDBB07, Ber01, BFT+97, CRD01, CLC+03, CD09, CHL+95, Cra97, DSB+18, DPLB94, DTB+02, DLW+17, DOB+01, ER05, FVSRR14, GPC+18, GLM04, GAC+02, HBT+08, HLNO96, HPK+97, IMP+02, Las93, LQF+02, LJL+17, LCL+98, LPA+95, Loh08, LAF+02, LM96, MISC+02, MHB+95, MLG+04, NS93, NSK96, OMY+03, OHT12, OBWK01, PCDM11, PRC+09, PABH07, PFD16, QB02, RRWR08, RSB+15, RCF+16, RN96, SR08a, SWC09, SW01, SEN+95, SBG+98, SBH+02, TS13, TBB+08, VSM17, WN01, Wa94a, WJS+10, WP00, ZCP+08, ZEB97, vdB20, ZA20].

**Ratfish** [KM15]. **Ratio** [APLW09, CRS+19, DVS+97, GG93, MR07, Mun07, RLPF07, SMS+07, WBM96, WO99, SLB13a]. **Ration** [GFPM02, SH16].

**Rationale** [KL96a]. **Rations** [PAM+04]. **Ratios** [BDNS03, BMRP02, CSGC03a, CYYT06, CSS+02, HLF08, HSH+13, MBL+15, NLY+13, NMS09, MLI15, Szs+07, SSH+00, VCR1999, WNW+02, WW+02]. **Ray**


**Real**

[PPL+07, DIM+12, DJCF09, EPK+10, FG07, GLK+06a, LWB+07, NLH01]. **Real-time** [PPL+07, DJCF09, EPK+10, GLK+06a]. **Realization** [Ben13]. **Really** [HPS+13]. **Realm** [BSB+99]. **Realms** [CHN+10]. **Reanalyses** [MKW11]. **Reanalysis** [BSN18, HLR+09, OGRd18]. **Reasearch** [MCS+03]. **Reassessment** [SL06]. **Recently** [RHL+16]. **Recirculation**

[CBF+13, CBF+16, LB96, MB96, NI10]. **Recognition** [BHK+10, SGD+14a]. **Recolonization** [CHV09]. **Recommendations** [PNS+09, MK19]. **Reconciliation** [WWW+02]. **Reconciling** [CB09a, HBC+15, RBS17a]. **Reconstructing** [BW99a]. **Reconstruction**

[KSH12, KY17, MDG13, BLI+09, DFA+20, FSGO2, ID19, LLH+15, LXWC21]. **Reconstructions** [AS05, AN06, MPB+18]. **Record**

[BIP+02, BA02, CSE+22, DW15a, DFA+20, DEK+08, GPC18, GBP00, GM22, Gre01, Gri13, LDGH16, LWL+16, MCK+19, MG22, NCL13, PdBK+03, PDS00, ROPB03, SRAL+17, YKY+07, dMGPT+14]. **Recorded**

[DLG+14, DFMW13, PDB+20, SSR+14]. **Recorder** [ADGA01, BDW+96, BWS+98, BL06, DGMS96, PG07, BCT21, WHLR13, AGP05, AD+08].

[451x156]
recorders [CFGR07], recording [BTLC98].

Records [MC12, AL14, CWP+15, DME+18, FLMF07, GMB18, KY17, LF07, MB18, OTK+05, RB3+97, SHS+12, SK07, TGU+06, WHLR13]. recount [OW09].

recovered [SKS+16]. recovery [EBM+18]. recreational [BSH+17]. recruit [SMV+13]. Recruitment [AI09, MMG98, BK96b, CM16a, CM16h, DABF+16, GEP+16, Gau07, GBS+22, HSFN13, KT06, RFF+02, SNMH18, SHN+07, SHB14, SSB+07, VCDAL14, WS13, YERT13]. recrystallization [WKM+07a]. recurrent [BFG+10]. recycling [ATD+11, HTA+17, LSUB94, RGTV97, SM00]. red [MBC+14, RAL04, RAR04, TBT05, WZ14, BKP+19, SJM02, ZSL15, vC97].

Redescription [BPKJ15, JR11, MGE13, Mal15]. Redfield [DVS+97, SLB13a, WWW+02]. rediscovered [GJ11]. redistribution [GJ11, HFS+18].

reference [CPH01, CSS+10, EMPE18, HIA+16, HSSN08, KBS93, MPH+16, MM14, RH94, WT+06, WR01]. referencing [BS05, BS06]. reflectance [SWR+95]. reflected [BVB+14b, SM00]. reflection [MR08, TSA+01].

Reflections [Hem99, Smi01]. reflectivity [JOD98]. reflects [FI02].

REGAB [BNP+09]. regarding [HBB+13]. regenerated [BCDV02].

regeneration [BCDV02, DBN+11, KL96c, MFG+04, OT03]. Regime [IPLCHRMR19, BW04, BLS+03, JZ93, JPZ93, JRK+17, MCL+19, MBLM03]. regimes [BSX+15, BKE+13, BGG+09, CK03, CEG+11, DBJ97, LB07, LP14, MT15, RMCAR06, SM00, SP00, SH+08, SHC+09, WMW96].

Region [FGW02, GVV+19, HALV18, PUB+06, SBB+19, VSGM03a, AMN+02a, ARLA03, AFC+17, BLBW+11, BDW+96, BSM01b, BCDV02, Cha03, CSW+17, CD20, CLPL+09, CSCP13, CLJ+13, CHR97, Cri95, CMPB18, DURP03, DNH+02, DWBP13, DSN+20, DO01, DJFK+22, DT08, DJ15, DDB+97, EHK09, EHK+20, GSGM04, GP08, GKB+18, HLR+09, HTW07, dITGCA+03, HII+19, HII+20, HTW14, HCG+01, IGN+10, IHS+10, JDS+08, JC03, KCA05, KSH12, KY10a, KY10b, KFA+20, KUN10, KIN+10, KMO+10, KS10, LSB+02, LWB+20, LAJ13, LSHP01, LHKHH10, MDJS11, MMS+07, MSW+13, MFM+02, MLVM02, MNSMN+04, MMC11a, MT96, NSH+10, NKF+10, OPDM11, OvdRVa+22, OHS10, PDT11a, PW+11, RCV+13a, RVC+13b, RT14, RH94, RGL+06a, SGD+14a, SGAG+15, STK02, SF10, SAM+13, SF04, SHN+07, SBB06, SM03, SMS+08, SFPH+08, SNSPG+04, SBH+02, SMI08, SKF+10, SFD04]. region [SPC05, TGLN93, Th04, TMTR14, UW99, VJP+10, WMW+20, WL20, Wea93, WFW+17, WAK+12, WBBM01, WAM+18, WDG+02, YOK+10, YOO+10, YSWJ16,
Regional [BL00, Bro19, BAH+95, ESDM13, HBR11, KWW+12, LMvDA16, MHSV18, PABH07, SFB19, WSL+11, YKJ+15, ALWW04, BDWG02, BBN97, BWC+02, CDF+14, DKJ+97, GWZ16, HSHM02, HKC+21, KWA+20, KYY+20, LCI+16, LCS+16, Pd+04, PCAS+05, RSC+09, SWO+01, SP+00, SMH+11, Wl+08, YQMB+20, ZRC+11]. Regional-scale [WSL+11].

Regional-scale [ATN+12, BH+14, BK96b, Dr+09, HMS+13, HWP+11, JBOH10, KSM+11, KKV+15, KHL+17, MK+19, NDG+96, PNLF02, PNLFS+03, Qué+13, RHPC+19, SGM+16, SCGB+18, WAC+09, WZB+14, ZTZB+09].

Regression [PSK+14]. Regular [VPP+07]. Regulate [ALSF+17, FBCN+00]. Regulating [CSW+17, MAL+05, VGB+].

Regulation [NL+11, BSL+96, MB+01, DCK+01, DCF+11, HMS+03, Kd+00, RWRS+08]. Rehabilitation [OKH+22, NCT+13].

Rehabilitation [AYMSA+19, AI+09, BGD+19, HMLS+06, HWCT+08, IKR+12, KT+06, Lr+04, MAH+12, MSW+13, RSL+05, RAl+04, RAR+04, SHN+07, SCB+16, VK+04, WBB+01, YCA+20, ZWK+15]. Relating [PABH+07].

Relation [SCD+14, ARWM+13, AFC+17, ADGA+05, ADGA+06, AMTE+09, BFBD+17, BFL+00, BDr+03, BM+07, CJA+06, CVF+11, CG+18, CA+05, DAB+MAMA+04, DB+02, ESWL+20, FLDC+10, FHF+M08, FFWZ+12, FZ+13, GLCP+12, GBL+00, HH+14, HTS+09, HWCT+08, HNRG+06, HPM+02, HLM+01, IB+11, JGM+09, JRG+19, KM+01, Kos+01, KSS+00b, IWA+04, LL+14, LGW+07, LTI+00, MAB+01, MSW+08, MHH+14, OM+98, OA+02, RR+96, RMB+05, RMC+AR+06, RCF+08, SVJR+04, Sd+LM+95, SLS+11, SSV+02, SGB+08, SP+00, SGM+02, SFM+13, SPH+08, UY+04, WPJ+96, YHC+11, Yn+03, ZFP+16, ZCG+12, Zon+97].

Relating [PABH+07].

Relationship [CFL+99, PAM+14, SA+14, SRC+98, SZS+07, UPS+04, A+07b, BP+KJ+15, CRF+04, CC+03, CF+12, DSS+07, FRW+00, FJG+00, JML+08, KKH+13, LPJ+16, Lin+04, MB+08, NISG+05, NSY+04, RHB+95, SWR+95, SI+09, SH+16, SHK+05, TKF+16, WMS+96, WGG+98, WWC+09, WR+15, XSM+19, ZHX+13].

Relationships [ASF+12, HD+02, LG+98, LTH+95, MOR+15, OCP+18, RDP+B14, BGK+06, BOKA+16, CD+08, DC+96, FB+14, HCL+22, HGK+18, KWP+B15, LMK+10, MGS+10, SGB+14, SFG+98, SCM+09, WH+98].

Relative [Ben+13, BCK+07, BFS+17, BL+15, CMC+11, CP+05, CHH+19, DB+97a, FH+04, KR+11, LB+18, NCS+98, Pao+18, SKM+R02, TBY+06, TAB+05, VBM+19, YBC+17, YHS+08].

Relatively [TH+11].

Relaxation [GWL+15, KGB+06, PCT+18].

Relaying [HBM+07].

Release [GBH+01, GSB+01, BBL+13, HKY+13, KJB+08, LZN+13, TA+01, vdMLB+11, BL+01].

Relevance [JK+22, LVP+17].

Relent [ML+01, RAI+14].

Remote [TP+16].

Relocatable [TIP+16].

Remains [YERT+13].

Remarks [Kam+18, MT+11].

Remineralisation [WP+00].

Remineralization [SS+00, ADAM+02, BAD+07, BPB+94, CHH+10, CCZ+21, DJ+08, JDS+08, JDD+11, OEN+01, SM+CA+01, SD+96, TVL+00, WW+02].

Remote [GPM+10, HSM+01b, MGR+03b, ACG+19, BOH+04, Car+10, Car+01, HCH+09].
IS07, JEK+15, MMT08, NR06, PBFS06, PWTH15, PDB+16, RBH+20, RN06, SM96a, THV+99, VSV+97, WPAP01, WAK+12, Yu03, ZKSS06].

Remote-sensing [GPMZ+10]. Remotely
[BHMK08, BMF+99, MCH+13, SMBM99, DDB+17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA+99, PW12, SRW+10, TSPH09, UY04].
remotely-sensed [PW12, SRW+10]. removal
[HCBP97, Hat02a, HBCC13, PCDM11, SSH+99, VSV97, WPAP01, WAK+12, Yu03, ZKSS06].

Remote-sensing [GPMZ+10]. Remotely
[BHMK08, BMF+99, MCH+13, SMBM99, DDB+17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA+99, PW12, SRW+10, TSPH09, UY04].
remotely-sensed [PW12, SRW+10]. removal
[HCBP97, Hat02a, HBCC13, PCDM11, SSH+99, VSV97, WPAP01, WAK+12, Yu03, ZKSS06].

Remote-sensing [GPMZ+10]. Remotely
[BHMK08, BMF+99, MCH+13, SMBM99, DDB+17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA+99, PW12, SRW+10, TSPH09, UY04].
remotely-sensed [PW12, SRW+10]. removal
[HCBP97, Hat02a, HBCC13, PCDM11, SSH+99, VSV97, WPAP01, WAK+12, Yu03, ZKSS06].

Remote-sensing [GPMZ+10]. Remotely
[BHMK08, BMF+99, MCH+13, SMBM99, DDB+17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA+99, PW12, SRW+10, TSPH09, UY04].
remotely-sensed [PW12, SRW+10]. removal
[HCBP97, Hat02a, HBCC13, PCDM11, SSH+99, VSV97, WPAP01, WAK+12, Yu03, ZKSS06].

Remote-sensing [GPMZ+10]. Remotely
[BHMK08, BMF+99, MCH+13, SMBM99, DDB+17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA+99, PW12, SRW+10, TSPH09, UY04].
remotely-sensed [PW12, SRW+10]. removal
[HCBP97, Hat02a, HBCC13, PCDM11, SSH+99, VSV97, WPAP01, WAK+12, Yu03, ZKSS06].

Remote-sensing [GPMZ+10]. Remotely
[BHMK08, BMF+99, MCH+13, SMBM99, DDB+17, DBBWH20, HSM11, LAJP13, MMC11a, PW15, PTA+99, PW12, SRW+10, TSPH09, UY04].
remotely-sensed [PW12, SRW+10]. removal
[HCBP97, Hat02a, HBCC13, PCDM11, SSH+99, VSV97, WPAP01, WAK+12, Yu03, ZKSS06].
[PWR05]. **Response** [AS01a, AS95, CLC+98, CMP14, DRRBC16, DBH+20, FMC+20, HZK+05, IARR01, JMN+15, KTSI07, KMO+10, LYN+13, ORFA+14, PW05, PGSI14, RJM+15, RAC+20, TWN+06, WREC18, ZHX+16, dLC+14, AHR+06, AYMSAS19, Arm03, AAL+17, BS03, BBL+13, BLH05, BMB+18, BEB11, BBV00, BLS+08, CAGL13, CHL+15, CL15, CWTJ03, CB00b, CMJ+18, DWBP13, DP02, DVPR06, DBS98, Dri09, DSC+01, DSYH09, EWP+99, FBBW+10, HRM+06, Har06, HTPM14, HKN+09, HZYZ10, HZN+16, HV03, JZX10, KTL+00, KIS02, KHL+01, KNN+06, KNC+09, KCL20, LL01, LJS+11, LJBF00, LGF03, LHJ13, LGBb, LD07, MDTSI11a, MBLM03, MARFP08, NI10, NOFP14, NGF09, NSvH+11, PHS+11b, PHS+11b, Pfa93, PST+05, PZK+05, ROC+21, SD06a, SLS17, SVS93, ST13, SL15b, SRP+98, SCD+22, TH05, TDF07, TSN+06, WPB+16, WFR+02, WSB13, WLD+06, WBI+01, WLH+16, Yu03, ZPT+13]. **response** [ZT00]. **Responses** [BOHW22, BSRM08, GO15, GHH+12, HK+12, NHS+09, PER+16, STF09, SVD97, ZG15, vFvdBB+02, BGWF08, CHH+21, GLF+03, GGC17, GLdS+09, HWK+14, KHE+11, LG00, LDS+08, LG09, LDS+07, MCL+19, MAT+12, MHP+07, MBG09, NLS+10, PCL22, Roy05, SMH+06, SZH20, STS+15, TSM09, VSD+97, ZOB+96]. **responsible** [EBGL08, RDC+18a, RDC+18b]. resting
[AJG+10, ESAG10, MTK05, PBB+10, RGH+97, TIS+13]. result
[PE17, TWL+15]. **result** [MBF+98, OLP+20]. **Results**
[AA15, Ano06f, AAL+17, BBD+07, BLO8, CHH+21, CSC13, DSJ+08, DSW20, GGM+16, KMD+11, KWH+05, LCW+07, MAL+05, MBW+08, MNR+11, MLBB14, MSSD93, MSA+14, PHS+11b, RCW+15, Sco05, SBS+08, SESS08, TAB+16, VKGO+09, WMC06, BNM08, BFF94, TBLC98, BCA+03, CFR+14, CAS+97, CES98, CMC+05, CJF+98, FR10, Gut06, HBB+13, Jen03, KJB+08, LKB+98, LSU04, NL11, NW01, Osc01, PLS+03, MY+98, Sch02a, SY05, SGB+02, TTS01, Thn98, VHS97, WW04a, ZNM+02, LAJP13]. **re surve [OM02]. resuspension**
[BAD+14, CFWP94, MPPR14, PAM+14, ZDA+16]. **Retention**
[JK1+22, BMK+13, CMC11, JPC06, LM01, MTGY05, PSS+16, RGL+06a, VLG06, ZTH09]. **reticulatum** [dSVC+14]. **retract**
[LDW22, NSY20, NYH+20, OAC19, PSA14, RH+95]. **Retrieval**
[PTA+99]. **Retrospective** [KTSI07, CFL+16, LSGM02, OAH+16]. **Return**
[BRL+03, NGS+15]. **returns** [MHG+17]. **reveal**
[GN+22, HCB1+17, MBC+09a, RMBW07, SSB+17]. **re vealed**
[BCN+17, BHMM+12, BF+14, CD+22, CHV+15, DJ18, DBC+19, FHYJ03, KVPK20, MSJ08, PFDG11, SGP+11, XGL15, YCT+22]. **Revealing** [NKA+11]. **reveals**
[CCM+20, DMC+17, HNS+11, KKB+18, LWB+07, PDY20, WTT+20]. **reversals** [SRP+98]. **Review** [BMR+14, LMM+97, NM18, Ano99m, BSX+15, GLF+03, GKB19, MK19, MM14, Ral14, RAF+14a, RAF+14b, SVB+19, VMG+09, ZSN+18, Zon07, Ano97c]. **Reviewer** [Ano09c]. **Reviewing**
[MS06b]. **re vising** [HWN+04]. **revision** [MM15]. **revisited**
[BBR+10, BJSH14, Bor01, EW99, Jaž15, LS12, MPS+03, PWCL98, WR09].

Revisiting [IPLCHRMR19, SLB13a, VGZ+19, VCG+20, DeM02], reworked [Thi98]. reworking [JWC09]. Reyes [VLK06]. Reykjanes [PGF+08].


ribbon [CMBPM04]. Rich [KFS+17, SBE+07, DZL+17, GGT+02, KCD+17, MD17, ODP+17, TTD13, VD98]. Richardson [Gre08]. richness [HDK08].

Rico [BFB+18, DAB+18, KBR18, LS18, RKB18, SLB18, SWL+18]. Ridge [GNT+17, MBTO9, OTN16, SKS+16, SBP13, WMB+13, WOM+16, BMH08, BFA+08, BSJ13, MMM+13, RCCP13, SL15b, SPH+08, WH98, ABD+13, ARB+13, ACD+17, BJA13, BB+18, CRA+13, CG21, CPW+18, CSGV13, CSP+13, CLJ+13, CBB+98, CLB13, DRR17, DONF08, DHD13, EQV+13, FBL+98, FVW08, FCBD08, FD98, GGF+08, GGDF08, HIK+08, HRX17, HTD13, HYS08, JAP+13, JBS+98, KB+08, KPBK08, LBSB+17, LDBS+17, LAJP13, MBF+98, MCB+15, MSW+13, MC18a, MGK+17, MBMGK08, MR15, NHS+13, OGBF08, PMH06, PGF+08, PFFS17, PBB+13, RSW+13, RLBI5b, RT20, Rog17, SLdB+15, SHB02, STB+17, SGB+08, SBK08, SS99a, SHY+08, VTD+20, VHT+20, WH98, WJ02, dLWFB08, WACGH11, YSC+20, YSH08, ZWK+15, ZRC+11, Bak98, CE98, KLL098, RSP+98, SB98]. ridges [BBG15, CL15, GB10, ULI+21].

ripped [HZHM07]. Rifting [BY09]. Riga [OT10]. right [BEC+96]. Ring [MFE+02, DKB+03, Gj93, RT+01, vAVV+03, SBZ+03]. ringens [MGGTM19]. Ringiculidae [CKFC18]. Rio [HCBL+17]. Risé [DLHH11, HCBL+17, BRW00, BCA+03, DBDT03, ANS+11, BBB+11a, Har11, MNSL09, MM98, NLSL09, NH11, PZL+09, PWN+11, RHD+11, SVF+98, WACGH11, ZRC+11]. Risk [DMC+17, CWSH20]. risks [DCD+14].


robustus [GPCC+17]. Rock [BSS+17, MAR+17, PDC+21]. Rock-Eval [BSS+17]. Rockall [SKdS+14]. rocket [OSG+13]. rockfish [CSM13b]. rocks [SK+16]. rocky [CMP+14, SKL+22]. rod [Arm03]. roe [DVC14]. roe-on [DVC14]. Role [ACG+01, AKBD13, DGS+05, MN10, MML06, Rod13, SLS+10, SPB+14, WPD22, AM02, BFF+07, Boy02, BES95, CTDN08, CBB+95, CNOC13, CSS+22b, CPE08, DMJ93, DH97, ESA10, FJR+20, GOD+01, GGRW09, GDW02, HDF+01, HBC+12, HWS+13, ILWH03, JBS+13, KPP00, KLKB95, LLR+06, Lar04, LFCF16, LV17, MTE+02, MMMC07, MZ+95, MST+14, PBS06, PP93, PA95, PL04, PS19, RHI00, Rog00, RGL+06a, SSLP95, SL+14, SSR96, STS11, TAL+12, TP96, VM01, YOR13]. Roles [DSD12, NLSAP+17, NA13, PPL+07, SE96, SGC03, TLW+94]. ROM
[Ano96d, CDB94, RSD+97]. Rona [Lut15, SL15a]. Rosetta [BOJ+10]. rosette [SHF+95]. rosmarinus [YBC+17]. Ross [BLB+11, GOM+09, AvD04, BS01, BDO00, CBCT09, CHPS00, CDL+00, CWTJ03, CB01, CBC02, CBB+00, CDH+00, CL+06, DGA+11, DMC+01, DKS03, DKSI11, DDK+00, DCC+01, DFX+06, FJG+00, FA03, GRS00, GBH+17, GCI+00, KMD+01, LCW06, LCDS00, OGM+11, OW09, PHOM09, SCM+02, SMH00, SDKH03, SDMC03, SSP+06, SHC+00, SSH+00, TDCV+06, VMB03]. Rossby [BSS+02, CK10, HGM+11, KVPK20, MV19, Ver13]. Rotating [PFW+09, CJ19, FMFW07, Joh19, TCM+22, WIM+07]. rotation [Pra04]. round [DSC+01]. route [CRJ+08, MKS+20]. routines [PNS+09]. Routing [DLF09a]. ROV [DBB+17, LAJP13, MCH+13, NDE14, RHK+10, RSH10, TGU+06]. rRNA [BFK+14, LTG+09, MGT16, RSF+99, XGL15]. rRNA-derived [LTG+09]. S. rRNA-targeted [MGT16]. RTV [CHU+00]. rubra [UC13]. rules [WTI+20]. Running [SCH+19b, SCH+19a]. runoff [CFL+16, DGP20, KCO4, LFPC14]. RUSALCA [BIH10]. Russia [BEZ+22, Mas02]. Russian [BM15, Mal04, SL15a]. RV [BM15, EMG+15]. Ryder [BLO+17, LBM+17].

S [Ano97b, Ano97c, LPS14, MAA+05, ONSSVGR04, SSV02, Bol08, CDJM04, CM99b, DI00, FUGG+09, GHM04, GCO4, HMW00, HSMK04, KNK15, KR95, LKC96, MHG+04, MK96, MFG+04, MF09, MAA+04, OA11, WDG+02]. S-PALACE [HMSM04]. S. [Di 10]. s.I [CP18a]. s.I. [Mar13]. S1 [ID19].

Sable [GPC14, SSG14]. sablefish [CM16a, CM16b, GSC+19, RDSA+21, SHB14]. Sabrina [WMP+11]. sac [GGM+10, GRRJ+10]. sac-spawning [GGM+10, GRRJ+10]. Safe [GB10]. Safety [ZDP+16]. saffron [HCAK17]. Sag [MWS+15]. sagax [CDG00, PROR+19]. SAGE [HLS+11, Ano11b, CMRL11, Hadi11, KHE+11, LSS+11, PHS+11a, PHS+11b, SHL+11, SWLW11]. Saharan [GMC97, HZK+05, PMLM+02]. saida [CSS+22, DTWF17, HTPM14, HCAK17, ODR+09]. sailing [MTG18]. saira [TSB+14]. Sakai [Mar18]. Saline [KL96b]. salinities [BS05, BS06]. salinity [AYM19, ACG19, BZS+16, BL96, EOB03, ER05, FHP94, HDG19, KT06, KMG+20, KVL+19, PC00, PSE+93, RR10, SPH+03, SKMS08, Zou97]. Salish [DBC+19]. Salmon [MHG+17, ARW13, ABC+05, AMK+05, BLH05, CBA+05, DMF19, DMFB19, FMC+20, KUT+20, KKUK10, KOM019, LWO+09, MBC+09b, OSM+20, RNB07, SM19, SAB08, TBH09, VBM+19, VSM17, WBI+17, YK05]. salmonid [Man94, SAB08]. Salp [KSL+04, PFP02, Pak04, IJH+17]. Salpa [KCM+20, PH17]. salps [DB97b, LDG16, RSR05]. salt [BCB03, CBW02, Jol03, LBM98, LBY+10, MAR+17, TP99]. salt-induced [MAR+17]. saltatory [RG06b]. same [Ano05c, BU05]. sample [LTG+09]. sampled [ZA16]. sampler [BDW+96, BKY+17, LDH+14]. samples [CMA+09, ETP+16, Ei93, HAP03, LCL+09]. Sampling [FH09, HLR+09].
SANCTUARY

sand

Sang

Santo

Santo

Santo

Santos

Sando

Santos

Santo

Santo

Santos

satur

Savoonga

Savoine

SAZ

SAZ

SAZ

Savoy

scales

Sanctuary

sand

sang

Santo

Santo

Santos

satur

Savoonga

scales
Sea DHM+22, DOLP+09, DKP+17, FHR+11, HV03, KMLC+04, KBB07, MPL15, MLVM02, RMC+08, SLM+20, SWO+01. \textbf{Scaling} [Fer06]. \textbf{scallop} [DKP+14, DVC14, SL06, TLW+94]. \textbf{Scandinavia} [SAM96]. \textbf{SCAR} [GDC11]. \textbf{SCAR-MarBIN} [GDC11]. \textbf{scatterers} [KMKA20]. \textbf{scattering} [BSRB17, DO96, LKD+15, MOT98, MCCM+98, OGBF08]. \textbf{Scatterometer} [LCW+07, SL11]. \textbf{Scavenger} [JTWO, DND04]. \textbf{Scavenging} [Ano96f, CAFK03b, CHL+95, HBCC13, OOG+07, SSL98, VvLS11, AFB+94, CM99a, DHST13, HTD13, NZT97]. \textbf{scenario} [DFA+20, SBSW07, You10]. \textbf{scenarios} [MGTM19, MGG+17, PRORSV+19]. \textbf{schellenbergi} [MLJ18]. \textbf{Schellenbergia} [BV04]. \textbf{scheme} [DGT+17a, HCJ+22, LHX+22]. \textbf{schemes} [SD22]. \textbf{schooling} [KKM+10, NSBL94]. \textbf{schools} [OM98]. \textbf{Science} [JFC18, RBB18, ASBR17, ELP13, HD17, HBM+07, Jam18, OSG+13, Ano07c]. \textbf{Scientific} [Ano07d, HKY+19, KR07, PMJ20, R05, ROBV+18, Ver13]. \textbf{scleractinian} [WF13]. \textbf{scleractinians} [BFT10, CMVS+10, WTSO8]. \textbf{scobina} [CRT+00]. \textbf{Scobionoma} [HiHI+19, HIH+20, OUJ+19]. \textbf{Scobionomorus} [WYL+20]. \textbf{scombroid} [OUJ+19]. \textbf{scope} [DW15b]. \textbf{scope-based} [DW15b]. \textbf{Scopobotylus} [LMLJ18]. \textbf{SCOR} [Ano06e]. \textbf{scorpius} [GNB+17]. \textbf{Scotia} [HiHI04, PHM06, REWH11, SHB02, YK+07, BTFB12, BND+04, CSF+12, CL06, Dia04, FW+12, HNW+04, HPN+12, HKY+12, HHK+04, HHHK+04, JCM+13, KGE+04, KWW+12, Lin04, LSHP01, MSF+22, MTWH04, NCL13, RSVG04, RJ+04, SAVP12, SSG14, SAM+12, TSW+12, Tho04, VMAW12, WGB+04, WAV+12, WAT12, WAK+12]. \textbf{scotiae} [PB13]. \textbf{Scotian} [BRR+96, DSO+00, HS07, JCF+06a]. \textbf{Scottish} [EQW+13]. \textbf{screening} [DCC+14]. \textbf{sculpin} [GNB+17]. \textbf{scyphomedusae} [MMY+20]. \textbf{SE} [vdLBB+02, FSG02, FS14, KDG+97, NGF09]. \textbf{Sea} [AN06, AKBD13, Ano95b, Ano96f, Ano96g, Ano97c, Ano06b, ASV18, AKI+16, ADGA06, BS01, BTFB12, BTR95, BN04, BS06, BA02, BLG11, BSH+11, CHPS00, CDL+00, CC00, CCK+16, CLMK13, CA06b, CB01, CB+00, CM16a, CMK+18, Cr95, CBF+16, Dan95, DIM+12, DTWW21, Di10, DD+00, DCC+01, ENM+16, EWA+03a, ECM+06, FLTV97, FS05, FFT+17, GLC12, GASG+14, GRS00, GAL+20, Gol18, GBDM+14, GCJ+00, Gra09, GC18, GW15, HNW+08, HSS+12, HMGD17, HII+20, HLS+02, HWS+07, HZ10, HKY+16, ITMG18, JHV18, JR11, KM05b, KBW+11, KOLA+18, KGB+14, KCY+16, KLJ+16, LMB+98, LPJ+16, LKL17, LTW+11, LGQ99, LXWC21, LS+13, LCD500, LLM+03, MB13, MCB18, MSF+22, MW99, MD+12, MDC+10, MCS+03, MD14, MD17, MP94, MDS+16, MAA+05, MCG+98, Man16, NG10, NHCL14, ORFA+14, PDH+11]. \textbf{Sea} [PWTH15, PKHH17, PNLFS03, PMF+17, RJT11, RVJG+05, RBB+97, RCF+16, RBCG10, RDC+18a, SGPD+14, SCD14, Sco05, SRDV07, SMBM99, SRF95, SSS+07, SET+09, SMHB00, Smi01, SDKH03, Spa99, SGL99, SH02, SMF08, SMGB03, SLB+16, SKM+14b, Sum19, SFW+13, SFZ+13, SHC+00, SSH+00, TCG+18, TKP+20, TSB+14, VSGM03a, WYOS18, WLA11, WJD+00a, WPL+15, Won15, WKL15,WW+15, XAY+11, YJL16,
YK04, YKSI19, Zar16, ZSKL19, ZQW19, ZZX+13, ALWW04, AM22a, Ala18, ADBW16, ALSF+17, ÁRR02, AGW+13, ANS+11, Ano96d, ASMM11, ATS+96, AvD04, ALvD12, APP+14, ALT+13, AL13, AKHR+20, BMHR08, BN97, BMS+18, BBL+13, BMD+17, BSS+17, BCN+16, BS98, BCN+17, BGOL01, BSS20, BFH+11, BVL04, BCVCWH04, BMHK08, BBE+13, BSM01b, BSJ13, BCE18, BT98, Bor01, BEZ+22, BRSiW95, BG10, BBBBB04, BDG+04, BBB+07, BE09, BEB11, BW14]. sea
[BM15, BSW+13, BCB07, BRB+13, BLG15, BGGH+19, CFFG07, CAS+16, CV17, CR6+19, CKFC18, CC15, CB18, CCL+14, Che13, CP18a, CP22, CKJ+16, CM00, CHG15, CHV+15, CAJE15, CBMM15, CLGM05, CJF+12, CS6+13, CFL+16, CM02, CG04, CRD+17, CHS17, DWW+15, DHCV19, DNM+16, DCL+09, DCC+13, DMC+17, DGT+17a, DOBH02, DVC14, DGA+11, DRBMI97, DZL+17, DDB+17, DCA+98, Dia04, DFD+11, DFA+20, DLF+09b, DQC14, DJF18, DBH+20, ESG+17, EB16, EFR+16, EHL02, EGG+05, EBDL08, ESL+10, EWF+18, EH6+20, ELG+22, FMZ15, FGG+97, FVW08, FB14, FGW02, FvFC+11, FDR+18, FUG+09, FM08, Gag04, GTS08, GCS+12, GBB+17, GS60a, GSM+08, GBPB+13, GPBV+07, GIPPL+14, GBSL98, GFS99, GB10, GBO01, HKR+01, HCBL+17, HD17, HLS+11, HTS+09, Hb00, HK+08, HHW+08, HMAW11, HSR+16, HZS00]. sea
[HC13, HH20, HGM+11, HRM+18, HP08, HF12, HEW15, HVBO08, HBO11, IARR01, Iet04, JOD98, JZ01, JTT04, Jaz15, JLY+16, JDL+12, JAP+13, JVL+16, KBB07, KBK+18, KAW+16, KGB+10, KB15, KT05, KWA+20, KCZ+19, KRF01, Kel10, KJB+08, Kha18, KFJ+05, KCD+17, KAHS20, KHL+15, KFS+17, KWT+16, KSDE16, KFTE14, KIS02, KHL+01, KGH6+01, LVJC17, LRGH+05, LFFC14, LRFK99, LK98, LOB+09, LT16, LRM+14, LKJ+15, aLCS15, LEP14, LSM+06a, LDNS+18, LZW+22, LMF+21, LFC16, LB14, LKTS01, LNDH+17, LDW22, LSOM16, LDSV98, Lut15, MBI+10, MA15, MA18a, MA18b, MDJS11, Mal04, MB07b, MB07a, MGE13, MFB18, MB18, MBP+20, MS60a, MP17, MLS01, MNN10, MB01, MSW+13, MKR01, MGH+16, MRP+17, MLVM02, MTK+18, MBD+17, MSV+17, MLBB14, MDT+08, MXC15, MC12, MMDS18, MMN10, MS12]. sea
[MTDK98, MS11, MC15, MNM+17, NGF09, NCCR+12, NSWY20, NYH+20, NTS+11, OGG+15, OMS06, OPDM11, OBRJ01, OKH+22, ODP+17, OCKA+11, PTO+16, Pal04, PK08, PSA14, PW15, PPM+17, PTD+17, PGC+11, PFSG11, PP13, PL04, PEC+04, PFX+02, PSB14, PFPS17, PPF+15, PUB+06, PCB+17, Pra04, PCC+17, PFDD16, PDS+17, PGZ+09, ROB+17, RBD017, RHD+11, RHW04, RBMB07, RRT+17, RDU+09, RSW+13, RE08, RHGN+97, RSCF+13, RSCF+16, RTI+16, RHG900, RAF+14a, RAF+14b, RLGG07, RDdL+13, Rog00, RSS01, RRR+20, RSDV+09, RBP+94, Row13, RPZ+14, RNBO7, SIA+05, SBM16, SGGW11, SS1a, SSWM18, SLS+09, SLS17, SBDB09, SI09, SSMM+08, SSHM+08, SBS+00, SSB+17, SE07, SWB+09, SRW+10, STL+13, SRT+17, SVF+98, Sha01, SBHS20, SS09, SSR13, SK07, SGW+15, SRS+15, SNS+07, SO98, SV09, SZH20, SN02]. sea
GEP+16, GMS+02, GLCU+17, GGRW99, GGH98, GGH+00, GPÇ18, GMR+05, GDD+09, GAL+12, GMLB99, GDF08, GLK+06a, GLK+06b, GdRGH+14, GGC19, GBH+17, GS08, GBPB+13, GMB18, GM22, GWWL03, GP15, GP16, GLSK+17, GPBV+07, GBSL98, GBSL00, GBBS00, GHH+04, GBC+05, GHM+12, GOM+09, GGO+14, GW08, GFS99, GHD+18, GRSW00, Gri13, GKBG17, GK16, GMC+12, GMC97]. Sea

[GGRW98, GZZC10, GNHS05, HNW+08, HP98, HC01, HSS+12, HPS+13, HPL+12, HS13, HTMP14, HT17, HML99, Hat02a, Hat02b, HLZY10, HHH+08, HSFN13, HKS+18, HSHM02, HGB+13, HGB+16, HKC+21, HWN+04, HPN+12, HKX+12, HH20, HFKY05, HM06, HPY+15, HK08, HH05, HBC+12, HHH+22, HHK+04, HDP199, HKMS03, HK10, H KP+10, HTM+03, HSD04, HMSMK04, HFL+15, HZ19, HX+10, HZN+16, HZWW16, HXC+22, HLL+09, HHR+08, HCG+03, HWC07, HSW+02, HBJ02, HSSN08, HPS+11, HRK14, HRG+16, HBB+13, HON+13, Hus16, IS07, IBD10, IMG+19, ITT12, IOTS16, IABR+17, IOK03, IFFGL+04, IG+06, IKR+12, IPTH03, ITM+12, ITK+16, JTW00, JTT04, JTT07, JMW+20, JCM+13, JLY+16, JX10, JLR+13, JCP17, JKP+17, JPPZ93, JLB+99, JWFC+01, JHHK14, JSP+17, KS+02, KKSA19, Kam13, Kam18, KMT20, KHIW03, KJL+17, KL03, KLTS13, KG+04]. Sea

[KT05, KDMM18, KBKW13, KME18, KFJ+05, KBVM13, KSH12, KMM+08, KFIH01, KLY+15, KKT16, KAM+20, KMD+99, KMDW01, KMO09, KBSS93, KMD+01, KYJK16, KF06, KOT+20, KIM08, KFTE14, KRGT14, KTF07, KMLT06, KSS00a, KW00, KWW+12, KOR06, KL13, KLC+19, KRLH14, KRG+01, KN05, KSS+00b, KHL+17, KKH+17, Kyt02a, LLK+16, LTG+09, LCVV06, LS12, LRGH+05, LGHD20, LDL+17, LG00, LBC+98, LS+14a, LMM+17, LG09, Las93, LB98a, LPK+17, LBB+00, LJB00, LC03, LLLP+03, LN05, LPW+09, LGK15, aLCS15, LJT+17, LAP+17, LVP13, LMS09, LGML00, LJ00, LTW+11, LYN+13, LHL+15, LW15, LW+15, LZZ+16, LWL+16, LWC+07, LH07, LRH+11, LGC+12, LHZJ13, LHZ+16, LPM+19, LSH09, Lin16, LLM+17, LBB+07, LTS+97, LL14, LCL+98, LPS03, LKH+07, LCT+07b, LCT+07a, LS10, LB+10, LCL+10, LZZ+16, LLS+19, LASA14, LGR+14, LRDS18, LMC+12, LBJ+13, LS14b, LJB18]. Sea

[LP514, LvDA14, LPM+15, LSL+15, LP14, LWGS00, LS0M16, LOFC00, MAH+12, MHO02, Mac08, MGHN01, MMY+20, MA13, MA18a, MA18b, MTR+10, MGE13, MG22, Mar18, MDH+98, MTBB00, MMID17, MPCA02, MC02, Mar13, MGMP02, MPS+21, MBH05, MBH09, MCM+14, MW05a, MAK+16, MGN99, MKR01, McP08, MGs+10, MMWM00, MV99, MDT+08, MCJ+99, MDH16, MOD+98, MW05b, MBB+00, MMDS18, MiSW08, ML20, MS05, MGC+14, MKH+05, MLK+12, MR08, MMR08, MCL+12, MB+20, MQ06, MBBM97, MTS+99, MPH02, MF+18, MPS+03, MTWH04, MHG+17, MWB95, MMB+00, Mur06, MBG09, MSA+14, NAT+12, NIS05, NBB+02, NS93, NSLAP+17, NCK+22, NBSM01, NSY04, NM+09, NRS14, NVBJ08, NSL+10, NLY+13, NG07, NMC+07, NY+20, NRM+99, NHBH10, NBCT13, NBBBT13, NEN+07, NZT97, NCL13, OMM+11, OUK03.
OMY+03, OHT12, OE06, OYM+13, ONRW10. **Sea**

[OM16, OTNT05, OTK+05, OTA+05, OSCS04, OCP18, OACA19, OOG+07,
OT01, OHFW93, OS02, OENB01, OT12, ODR+09, OW09, OAH+16,
OBT+18, OTO3, OBA02, OWW+12, OGG+20, OCKA+11, PHOM09,
PAM+04, PW15, PLD+17, PHP+16, PW05, PK13, PSFH+13, PSUH+16,
PLdL97, PPZ03, PAR+08, PP05, PTP09, POI17, PDA+17, PL00, PSK00a,
PPT+10, PNL+19, PMGH01, PBVC+16, PBN10, PCH+22, PN93, PC08,
PE17, PTA+99, PBNF+16, PDB+16, PST+05, PSS+16, PRA+95, P399,
PRJW05, PFG+03, PS05, PDS00, PAUB19, PV+21, PKZ+19, PN+11,
PKZ+05, PQA+16, RSR+19, RRMM05, RSR05, RCW+15, RKTG14, RTC06,
RS02, RWR+02, RH07, RSWG04, RJB+04, RWR08, RZL+10, RZS+16,
RMQ+08, RDW+12, RAF+11, RD16, RJDR06, RSR+99, RJ05, RWR08,
RHI00, RI05, RGF02, RHB+95, RC93, RIBW99, RBO07, RSW+00, RNP93].

**Sea** [RBB+97, RD02, RÇG18, ROBY+18, RN96, SCm+02, SIA+05, Sam01,
SMZ+08, SBM16, SS13a, San13, SNS10, SSI+99, SKS+16, SAG+10, SA15a,
SA18, SHGB95, SC10, SAVP12, SSMM+08, SSHM+08, SBS+00, SRY04,
SHA02, SBD05, SWC09, Sco05, SH+12, SSY+05, SOS01, SRH+11, SSR13,
SW01, SZG+13, SGW+15, SCG03, SNS+07, SHH03, SSK+05, SET+09,
SID19, SHM13, SZH20, SM96a, STM04a, STM04b, SCM+08, SKR+12,
SSE+14, SNS+16, SS02, SZV+19, SDCH99, ST07, SW00, SDAH+12, SSDA13,
SEN+95, SRP+98, SLH+00, Smi01, SHRO2, SDCM03, SSP+06, SHM+07,
SJM02, SSS06, SP00, SKK+16, SLZ+16, SS01, SABP+16, SKGD14, SCD14b,
SPB+14, SFFK20, SKSS02, SBS07, SFK+12, SKM+12, SDK+16, SBB+19,
SMB20, SM20, SFI+18, SGM+14, SWH08, SMGB02, SBE+99, Ste13, SL12,
SWSL14, SWG14, SZS+07]. **Sea** [SAM+12, SBS+02, SHPM14, SF08, SNW08,
SDLZ13, SLB+15, SKH+10a, SKM+14b, Sum19, SHY10, SESS08, SSJ00,
SWMB10, SMLS02, SMB03, SAB08, SNK07, SCM+09, Tak05, TRO16,
TQA+09, TRH+08, TOS08, TR02, Tun03, TTO5, TSZ10, TSTZ13,
TSG+12, TBW99, TLF97, TMP+19, Tho04, TDCV+06, TWL+15, TP99,
TKF06, TSS+19, TLR+00, Tou99, TTTD14, TPP+20, TIS+13, TIK03,
TTA+16, TO95, TOP95, TWG00, TLMT97, UKM16, UKJ+20, UFÁK06,
UC13, VMB03, VNA+16, VJP+10, VPK+19, VMAW12, VKM13, VVV04b,
VSC+11, VCDAL14, VWTK18, WPHEL02, WALP95, WWH+10, WT14,
WLD15, WZC+19, WRZ+19, WZZ+19, WL20, WPD22, WGB+04, WAV+12,
WAT12, WB96, WCB08, WBI17, WGR95, WOM+16, WSLP10,
WZW+22, WAW+05a, WFW+17, WBJ+98, WFR+02, WYPY06, WPW95,
WAK+12, WBD17, WAB02, WWV12, WJD+00b, WMM02, WSB13]. **Sea**

[WMEL01, WTZ02, WGM14, WDCS07, WGG98, WP00, Wic00, WLi00,
WZ03, WKM+07c, WYT13, WP17, WLC99, WAW05b, WRS99, WTSP07,
WC07b, WDC+15, WCL+15b, WLH+16, WYT19, XGL15, XAY+11, XSM+19,
YLD09, YCD+06, YCN+10, YKS03, YHK15, YLR18, YXC+19, YCT+22,
YMC+22, YD09, YCA+20, YZZ+16, YZZ+19, YET06, YÇYTKB06, Ynd09,
YK04, YKSI19, YAOW05, YKY+07, YNK07, YCYK10, YXZ+22, YBC+17,
YHL+12, YLK+15, ZCP+08, Zar16, ZHD+08, ZFP+16, ZWM12, ZHY+13,
ZWC+15, ZLZ+15, ZAC+15, ZHX+16, ZZY+19, ZLW+19, ZSKL19, ZWQ+19, ZS+19, ZWJ+19, ZXLL10, ZSLL15, ZZZ+16, ZXR+13, ZS19, ZNPR09, ZWL+22, Zou07, ZBB0, ZFA+02, dBC+09, dSG09a, vC97, vDLCS+11, CDB94].

Sea-air [ITMG18, FWG+97]. sea-disposed [EFR+16, TD16]. sea-floor [LSM+06a]. Sea-ice [Gra09, MW99, RCF+16, WYOS18, WLA11, XAY+11, Alv04, BCVCWH04, BRSIWH0, BRSS19, CA+16, CSG+13, DGA+11, DCF+18, FGW02, FMS08, GB10, HHH+08, HMAW11, HSR+16, HH20, HVBO08, JVL+16, KT05, LDW22, MGH+16, NYH+20, PEC+04, SIA+05, SMS+08, SMH+11, SWH08, THT11, VMI+08, WSE+16, WMA11, WSL+11, WBA03].

Sea-ice-thickness [SET+09]. sea-level [EHL02]. Sea-surface [Dan95, ECM+06, GLCP12, HZZ10, ATS+96, BHM08, BS01b, EHK+20, KIS02, MB01, MKRY01, MC12, Pal04, SWB+09, SMPSD04, SMH+11, WDMEL01, DKS+03]. sea-to-air [FUG+09, YZZ+16, YZZ+19].

Sea-viewing [STM04a, STM04b]. Sea/Japan [YK04]. Sea/Sea [ZSKL19]. SeaBeam [CES98]. seabed [LLC17, SNPS01]. Seabight [RRL+14, BRG17]. Seabird [REW11, SAB08, WRBS10, AST+95, HV03, JTK+14, JHHK14, KCO+99, KCL20, NYH+20, OMS06, PDA+17, PLA+17, RMD+12, RA+11, SBSW07, STS+15, VLP+17, WTT+20]. seabird-prey [NYH+20]. seabirds [AH17, BFSK08, BRS08, BSM08, CRF04, EQW+13, HPS+13, HRK14, JNB17, SM12, SVJ+98, SSJ+22, SJJ19, Wei07, YKN07, vFvdBB+02].

Seafloor [BH03, CB+18, CPW+18, CTT09, NCCR+12, ABG+20, Bha01, CGG+19, DME+18, GTR15, HDB+11, HSM+01a, HDW+20, NKE11, NH+13, SHD+06, SDL12, TD16]. seal [AHB+17, CRJ+98, DFW13, KY17, RSL05, SMA+17, SSM18, VGG15].

Sealing [BCG+22]. seals [BCE+07, BLB+11, BSR+18, BZLC19, BCF+04, BHC08, CKH+08, FPH+09, FHVFM0, FMWD07, GFC04, GBC+13, GHM18, GBH+17, Hcz+07, HAGW+13, MCS07, MCB08, MsdSL13, NBCT13, NBBTB13, SM12, SVJ+8, VHC+17]. Seamount [BRP+13, CDJ+22, LDBS+17, MAN+20, MTDK98, ZBC+13, BLM13, BSCR11, CVA+13, CSM+13a, CGPM13, LCK+18, MDG13, MG13, MBW+09, PGP+13, PGGP+13, PCT+17, RG13, RNR20, SMB+13, THM+13, VHT+20, BOC18, CMH09, ID19, MPE+09, MWB+09, SSM19, TMC04].

Seamount-induced [CDJ+22]. Seamounts [KVB+09, MGT+20, ACD+17, ATLD+20, ACR+20, AMV+09, CSM13b, CRA+20, CWO9, CBA+20, DCL+09, DNR20, DRR17, SMB13, HMM+20, HMK09, MC09, MBP09, NRSL17, NRH+20, PR17, RPT+20, RT20, RAB+17, Rg17, SWB+18, SBC17, VTD+20, BMP+09, MRMP09, VAK+09]. Search [BKS+16, KK19, RG06]. SEAS [JJV18, BLB+11, Dia04, Be09, Car07, DSW20, GGTMG+10, GGR1D+10, GG03, HTTS12, HS05b, LGP+03, MN10, SM10, NEN+07, TFL+16, Uys06, VPA+20, WBO07, WZ03, ATN+12, AGP05, BHM05, BBH05, BAS00, CG07, CMV+20, CGG+19, CL06, DEL+17, DB05, DTF17, EGG+05, FNS20, FB05, GCG13, Gra09, GNB+17, HCAK17, Hii04, HCS05, HZZ10, JKR+17, KBE+04, KLD21, KCL20, LGC+12, LD07, LBM+20,
LFC16, MCL+19, MCK+19, MNN10, MA09, NSWY20, ODH+07, OUJ+19, OBKA17, PVK+20, PKA95, PCAS05, PPF+15, PdBK+03, RPB99, RRK+20, REWH11, SMB+17, STD+20, VSM17, WDM+05, WCC05, WOS12, YH10].

Seasonal [AST+05, CAMA+02, CWEHT22, KYI10a, SBA18, VSGGPRI4].

Seasonal [APMN+17, dSVC+14, AMTE09, BN97, BRJM18, BMK96, BHMC05, BL06, BHS+17, BM07, BD06, C090, ILCC07, CWS05, CVM+01a, CMW+08, CRR01, CPH01, CLPL+09, CP05, CKL03, DDC+04, DB05, DC00, Di 03, DMS+98, Di00, FBC+02, GRSG00, GSW+09, GWL03, GCJ+00, HWM02, HLL+10, HHH+14, HMW00, HK01, HK14, JC03, JCM+13, JKP+17, JRGLJ+19, KCD+96, KNG02, KC03, KAM+20, KL03, KN05, KKH02, LUV99, LAM+01, LSB+02, LPA+17, LAB+17, aLCS15, LLL+17, LCG03, LDWK96, LHM14b, LSGM02, LH07, LZY96, LIS+02, LCT+07a, LCL+10, LH+04, LCH18, LCA01, LLM01, LBB99, LHP01, LTR99, LPP09, LWW07, LTY04, LJM05, LJS03, LYS99, LVR99, LDS+07, LWW07].

SeaWiFS [SL11].
Sebastes [CM16a, CM16b, SCH +19b]. second
[CTBNL08, HBV19, STF09, STM04b, HB19, HBVG20, HBVG22, RDL +09].
Secondary [SR08b, BT15, MBP09, ZJA16]. secrets [LWB +07]. Section
[Cra97, JM15, BH97, CAS +97, MHFM15, RSB +15, Whe97, BS15]. sections
[BHLS15, JLL +15, JSBC15, RPS +11, SCWB02, WSFB02, vOSC +11]. Sector
[FBCN00, HMS +03, KCM +20, MHA +15, RGTV97, SWGP17, SLP +17,
VMBS03, AA15, ACSS15, ADAM02, BC11, BS +97, Bec97, BBM +08,
BFT +07, BS +02, BCH +11, BBN +07, BNPS01, BLI +09, CSPE +17,
CTBNL08, CRDP02, CAFK03a, CAFK03b, CWBW04, CFT +04, CBS11,
DB97a, DNS +20, DB97b, FAS +03b, FMO02, FS07, FACD04, FRO4, FPB04,
Gai97, GBL +08, HCL +22, HFM +00, HMA20, JF +10, KSL +04, KNV +10,
KLM +11, KMD +11, LBR +11, LPFS97, LQF +02, MAH +12, MT +15, MTE +02,
MV01, MKT +15, MBK07, MD +11, MS12, NGS +15, NGM +20, NBF01,
NAB +02, NMR10, Pak04, PF04a, PF04b, PDA +20, PR +20, QTPS97, QB02,
RHB +04, RHGN +07, RMPI +17, SGA +15, SLC +20, SMP +15, SNB02, SBN +15,
SBA +20, SBvdL +02, TB97, THJ +17, TKG +11, TLP +02, TPS +15, URDP01,
VKM +10, WCJ +11, WW04a, WHN04, WW04b, ZD +02, dSEDW11]. sectors
[BT03, RHPC +19, TCH +16, ZSKL19]. security [WGNH15].
Sediment [AKHR +20, BW93, CWFP94, DSB98, EGG +05, EWA +03a,
EWA +05b, GMM +21, IMP +02, MISC +02, MSB +03, OMY +03,
OM16, RSR02, RMN08, SNPS01, SMB +08, SLZ +16, ABS +14, BS03,
BCWT00, BAS00, BAD +97, BS +14, BAD +14, CCK +16, CMA +09,
CDH +00, CG18, DLR +01, DPK +14, DGK +10, DCR94, DSE +14, ETDB11,
FA03, FKW01, GSM +08, HB03, HS +16, HDF +01, HSM +01a, HIN +02,
HLL +09, JZ01, JWCC99, KGKS20, KNG02, KGHA +01, KFW01, KSS +00b,
KKNH02, KYT02b, LW +09, LMS09, bLS +13, MMB +07, MS06a,
MPPR14, MM +07, NGS +05, OTNT05, OS04, PW +09, PK04a, PSH +09,
RCL +09, RBA +01, RCW +15, RFB09, RHGN +97, RFLW00, SLZ +07,
SHD +14, SFV +01, SHM +11, SKGD14, SAB +07, Thu98, TWL +15, TTA +16,
WLP +09, WPW +14, WU00, WWC +99, XA09, YA03, YPY +13, YKY +07,
ZCP +08, ZDA +16, ZEGB97, dSJB +01, vGCM00, NW01]. sediment-trap
[HIN +02]. sediment-water [HDF +01]. Sedimentary [BLW +09, Dic07,
LF07, MHD +11, MR08, PGM +15, SWC09, SKds +14, WC09, BMGC09,
CD09, DRH +09, DBDT03, DSC +14, EWP +09, EWA +03a, EWA +03b,
ERB +99, HDVGH02, HDF +01, HMLS +06, HSD04, JW09, LS +14,
MCK +19, MFN +02, MMSS14, OHT12, RTB02, RIT +16, RPF +16, SK07].
Sedimentation [EFW +14, KHL +16, RH +00, SEN +95, ASS02, ASBM02,
BS01, BCA +03, CB00a, CLPL +09, CJF +12, HWM02, HWS +07,
HPK +97, LPA +05, ML +04, PPZ93, Pfa93, PZPP93, PDBH03, SR08a, SP00,
SBH +02, YCT +22, ZJA16]. sedimenting [Hat02a, WCWW99].
sedimentological [ASB +02, BGO01, GMC97, KWA +20]. Sedimentology
[CW399, GHM +12, NKE11, SG14]. sediments
[ACQ +08, ASV18, ATN +12, AKHR +20, BN05, BN97, BMD +17, BCN +16,
BGOL01, BSE +16, BGB08, BFT +97, Bla94, BFL00, BL00, BRP +13,
PDB+16, RN06, SM96a, THV+99, VSV+97, WPAP01, ZKSS06. sensitive [HFL+15]. sensitivities [DSC+19]. Sensitivity
[HH05, BTD11, DBC+02, HWV+11, HSHM02, KCZ+19, SP19a, WTSP07]. Sensor [LCW+07, STM04b, BEB+13, HGB04, ZKSS06, STM04a]. sensors
[ARLB00, KMD+09, KMDW01, MDH+98, MCM+14]. sensory [SLD+13].
sensu [HNS+11]. sentinels [MK19]. separated [SCM+09]. separating
[BPS00]. separation [HDD+11, SRS11, STS11]. September [GGH98, KAM+20, Ano21m, Ano22v, Duc93, KRF01, OM14, RIBW99, SMB02]. sequencing [LEP14, PFdSG11]. Sequential [KFW01, RDBP14, SVS93].
sequestration [BBL+13]. SERIES
[KNN+06, TWN+06, Ano96g, BMK06, CRR01, SMA01, ANL13, AFM93, AKK+14, BCH+96, BGS98, BBL+13, BLO+17, CFJL96, CSL+07, CLMK13, CMA+09, DGN96, DOC01, DBH+20, FNYK02, GBP00, GUSB03, GG02, GOF+01, HBC113, ITT12, INTS02, JMM+13, KLK+15, KM96, KL96a, KVPK20, LSST20, LBM10, LK98, LHS96, LPW+09, Lip01, MHS01, Mar02, MCA02, MC02, MFH04, MK96, MSNL09, MLS+15, OLG+01, RCW+15, RT14, RAL+01, SKM09, SBG+98, SD98, SBG+03, SHM+20, SHR20, SCB+01, SMB03, TTA+16, WLP+09, WWC+99, WWW+02, WKM+07c, WLT20, XA09, YA03, Har06, MW06, SD06a, SDMS06, TYBY06, TSN+06, WTL+06, WJS+06, BL96, IF95, LSM96, Mit96, RD97]. Serious [FSP+16, GG+16]. Sermons [VAK+09]. SERPENT [GBB+17].
serpentinization [LLL+15]. serum [DRR+14]. services
[KUT+20, LLC17, SABP+16]. sessile [GA+06, KPM120]. set [MGT16].
setosa [MA05]. sets [Reb03, VTA+11]. Setting
[BGDT11, FKS18, Mas02, OGJ+19]. settings [GBLS00, vdLEM+14].
settlement [EWG94]. Settling
[APLW09, KBV+97, NISG05, Ber01, ESA+09, GZZC10, Kaw02, LPW+09, SAL95, SCM+09, WLP+09, XA09, YA03]. Setúbal
[dJMTGG11, IBK+11, dSJB+11]. Several [JAM+14]. severity [KAM+14].
sex [CHPF10, FLM10, KBR18, ZM10]. sex-specific [KBR18].
sex/maturity [CHPF10]. sexual [LA+14]. Shackleton [SAM+13]. shade
[KPPL00]. shadow [RMK+14]. shag [MPF+17]. Shallow
[OENB01, ATLD+20, ACR+20, BFC+06, BAKF03, CJ19, DF+11, GMBL10, HNM+20, IKR+12, KB99, MAN+20, Mar19, NRH+20, PBG07, RTM+20, RT20, Sco05, SMB+13, SHM+07, TNT+15, VK04]. shallow-
PBG07]. shallow-infaunal [GMBL10]. shallow-layer [Sco05]. shallow-water
[CJ19, Mar19, SMB+13, VK04]. shape [DF16, THT11]. shaped [TWL+15].
shaping [SGP+02]. Shark [GMPSHA+13, CAJE15, CW15]. sharks
[CPI3, CFK15, CHG15, CCG+15, DWG+15]. Shaw [WON15]. Shear
[Gre08, Dud06, HB05, Um05]. sheared [WCL22]. shears [CW22].
Shearwater [POI17]. shearwaters [HBJ02, PRDB+17]. Shedding
[AA12, RSC07]. sheds [HON+13]. sheet [LKT01, ZDO19, HMHY11].
sheets [ZRG16]. S)elf [WPL+15, WLM15, Ano05b, Ano06f, BBR+96, Bis94, Che02, FLM07, GH05, GHS09, HFP94, JR11, JCF+06a,
Shoaling [RAR04]. Shoals [AGD96]. Shock [AS02b, RJP18]. shore [BBAL+20, CFRG07, CMP14, CB09a, CMC11, HZN+16, KTP+05b]. Short [CBB+00, DHW98, HKW+14, MDT+08, PZP93, PRB+11, SZH+04, SGP+11, Eif05, HBJ02, JW05a, JW05b, KM05a, LDW22, PWB+06, PB08, SD96, SSB+06, WAC+09, dLC+14]. Short-lived [CBB+00, KM05a]. short-tailed [HBJ02, PWB+06, SSB+06]. Short-term [DHW98, HKW+14, MDT+08, PZP93, PRB+11, SZH+04, SGP+11, LDW22, WAC+09, dLC+14].

shoaling [ACG+17, MD17, DNG20, LGHD20, LMM+17, MGT+20, WFW+17]. Simulating [RAR04]. shoaling [AGD96]. Simrothiellidae [OBH+19]. shrimp [BBAL+20, AKI+16, BIP+02, BTFB12, HPWP07, LCT+07b, MCLP04, OLG+01, RH07, TLKT00, ZB00]. silicoflagellate [BTL+11, BBB+11b, CHM+17, CSW+17, FBCN00, GRSW00, MAB+01, RN96, TYBOY06, VVTV97]. Silicoflagellate [OT12, TSOT16]. Silicoflagellates [MCK+19, OTN16]. Silicon [BNFS01, CHM+17, BJ15, CDP+02, FC07, MQACB08, QTPS97, WCY05, WWC+99]. Silicoflagellate [OT12, TSOT16]. Simrothiellidae [OBH+18]. Simulated [DMW+07, LGB13, WLY+22, WPAP01, BSL11, DCL+21, HH05, KM05b, LL95, NHB01, SNPS01]. Simulating [LAPL+16, SDMS06, TH05, BBL+13, EBB+15, RAC+20]. Simulation [MNPT06, MMC11b, GDL22, GFW07, HKFY05, MH93, MDM+13, MLW+01, PHDK11, PVTT+21, SBB+05, TC06]. Simulations [BK99, WDFK+22, AS02b, CA06a, CCL+14, HB05, LH06, MMXS02, MBS05, PWL07, RG93, RSS01, RSSM19, WJC+11]. simultaneous [SZM10]. Since
[ALHP18, CHL+15, DW15a, RTI+16, ZSLL15]. single
[BLBW+11, BWS+98, Ben13, HIA+16, LZS+18, XSL+17]. single-frequency
[BWS+98]. single-species [HIA+16]. sinicus [NLY+13]. sinistral
[WCK+18]. sinistral-oblique [WCK+18]. sink
[CRP+05, NBSM01, RW95, SCC+11]. Sinkers [IPH+17]. Sinking
[LBL08, ZdB+07, ANL13, ASF+12, DP07, GK02, HD02, ILWH03, KGKS20,
KHH+17, LBV+08, LKH+07, MTMK+13, Pas16, PDC+99, PLPS98, RCW+15,
SFG98, SNIT02, SHR02, SMD08, TGG+09, TRWB99, TBB+08, WN01]. sinks
[CB09a, VBF+02, WYW+02, ZX12]. sinusoidal [ASM06]. SiO
[SMCA01]. SipeX [HSR+16, LCvdM+16, MGH+16, WSL+11]. SipeX-2
[LCvdM+16, MGH+16]. siphonophore [RRS+98]. Siphonophores
[PM10, PS04a]. Sipuncula [MA13]. sipunculan [SM15]. sipunculans
[MA15, MA18a]. Site
[AKI+16, GPK02, IOT16, ITK+16, WOM+16, AJG+10, Ano96g, AL13,
Avr02, BMK96, BCM02, BMOW09, BGG+09, BSSE16, CRJ+08, Cha03,
CSL+07, CRRO1, CDM+16, CMB02, CWE+17, DZV+01, DGN96, EQW+13,
GDP+01, HBBC13, KGB16, MLP+10, MZH+10, OM16, OLG+01, PLS+10,
PFPS17, RS02, RSH10, Roy05, ROBV+18, SC16, SD98, SWBKK10, TCG+18,
TSOT16, WBML06, WAL+11, OTN16, MWK+18, RCL+09, TBB+08]. site-U1344A [OM16]. Sites
[PBVC+16, MBM+18, BLW+09, Dud06, DBH+20, EQW+13, FSM93,
GPIM+10, GG95, GKS16, HFC+15, HSC+07, Hus16, KSDE16, LG008,
LKT01, MSD+18, MSNL09, NCG+05, NCSB+98, RAL04, SRD07, SKM01,
STD+20, Thi98, VSR+10, VHC+17, VT01, WBBM01, Wit00, Zim19]. Sitka
[RDMA+21, SM19]. situ
[BB03, Boy02, BSS+02, CAGL+06, FBCP01, GMR06, HS01, HBSL01,
KWT+16, LFC+14, LAW+05, MGT16, MNB02, MRM+12, MGN+18, OE06,
P+06, PD+16, SHM+06, SCM+08, SNFK20, SSI+09, SAL95, TRM+14,
TPP+20, TRM+15, VBM03, VSGGP14, WN01, WC06b, WSL+11, YIO+09,
ZP04, CFW+14, CJF+08, ETP+16, KLT13, KSH+09, LP+14, LCL+09,
Mah16, MMS+16, PGPP+13, RJM+15, TMS09, VCO99, WJS+10, YSHS08]. situations
[CRNP06]. six
[JBOH10, JBO+16, LPM+19, RP17, SYS05, SBC17]. sixgill [CW15]. Size
[CSM13b, CL15, DCA09, FHH+16, FPB04, GKB17, IHI97, JPS93,
KRG14, LOA15, LL95, NFA+22, OBM93, RWR+02, SH99c, THT11,
TLK00, VFS02, ABC+05, ADGA05, ADGA06, BHHM+12, CD20, DMS+10,
DTW17, DTW21, DPS+14, DTP+05, EFW+18, FJR+20, GRW01,
GGTMG+10, HSMB19, HAM+15, Jac95a, JALD05, JZ93, JPZ93, KSL+04,
KOM19, LWS90, LDH+14, LHZJ13, LWB+20, LAP+16, LBE06,
MSW+13, Mi94b, HMV+08, NGM+20, OUJ+19, PAR+08, PTD+14,
PW12, RSW+13, RE98, RJGBF02, SHI06, SG99, SOS01, SHW22, SP00,
SWH08, SBE+99, SLT10, TLY11, TFK16, TDK05, VvDL11, WBF+19,
WSE+16, YWI+02, ZSZ+19, ZT9B09]. size-at-age [HSBT19]. size-based
[RWW+13]. Size-differential [TLK00]. Size-fractionated

Slope [SRY04, VERT13]. slow [MR15]. Slowing [Jur20]. Slupsk [BRSP+16]. slush [JVL+16]. SM [LZS+18]. SM-A87 [LZS+18]. Small [FVV08, Gre04, HEW15, JSP+17, SVB+19, SGB+08, vHSM04b, AML+19, ADRS19, BVG+17, CGB+96, CMC+17, CWE+17, DLB02, GMD07, HK08, HPM02, IARR01, JRLG+19, KOM17, LTF+19, LM96, MCL+19, MT98, PRC+09, PSK00a, SSW05, SHW+16, THT11, YCA+20, vFvdBB+02]. small-celled [HK08]. Small-scale [FVV08, Gre04, HEW15, SGB+08, AML+19, HPM02, IARR01, LM96, SHW+16, vFvdBB+02]. small-sized [PSK00a]. smelt [LZL+22]. SMITH [Ano00a, SL06]. smithii [CB00a, VAM07]. SML [VSR+10]. smooth [ZRG16, ZDO19]. snapshot [BBB+11a, KVPK20].


SOIREE [Ano01g, BL01a, GBH+01, GSMB01, BA01, HBSL01, NW01, TA01, Ze01]. SoJaBio [BPBJ13, Che13, MB13, SS13a]. SokhoBio [Ala18, BAF+18, CP18a, GMB18, MCB18, Mar18]. solar [BCG04, PPRHL02]. SOLAS [HLS+11]. sole [PDC+21]. solenogaster
solibores [HvH04]. solidissima [BCL14]. Soliman [SR08b].
	solitary [BCNS15, MDJS11]. solitons [WTJ+19]. solubility

[SZG+13, VQ07a]. soluble [FCW+15]. solute [GAC+02]. solution [Mar19].
solutions [CJ19, WLD+07]. Solving [HZL94]. Somali

[BC03, DH97, DQSF02, DDB+97, EO02, ZSIW21, ZB00]. Somalia

[BBV00, CB00b, KBV97, vC07]. Some [Bas19, FM13, JWO+09, Joh19, EWG94, FKW01, HS96, MBTM97, SKF+12, SKM+12]. Somniosus


[LSU04, BM13]. Sonnenemertes [CAK15]. sorption [DSD12]. sorting

[ECDL08]. Soudelor [HZYZ10]. Sound [BBW+15, Cam18, DZ08, GKR+18, LC16, LB18, MC18b, MCM+98, MOA+18, BE18, BSRB17, GBP21, LK+15, SBA18, CBA+05, LMH+18, SNMH18]. sound-scattering

[LKD+15]. sounder [LMLC+17]. Source [BK96b, SCC+11, BPD+15, CVA+13, DHS+09, DWW+02, FGH+13b, Har94, HWP+07, KCA05, Kla18, MDH16, NMS09, PPR+20a, Rai11, SUK+06, WPB11]. sourced [OBC+14].

Sources [BBB13, CC01, MTMK+13, Pri06, RLD+15, AHV+00, BDVG02, BPF+03, BLS+97, BTS+08, CGM+07, CB09a, DTYH09, FC15, HF01, LPFS97, LRH+11, MFKF18, OSM+20, RAC+20, TD16, VBF+02, WW07, WYW+02, YCYTKB06, ZX12, ZWL+22]. South

[AJP+22, BCC+96, BG04, CFV+18, CSG+15, ESL+10, GDE+96, GW15, HPY+15, HWC07, LCT+07a, LSL+15, MB96, MCI11b, OG11, PWT15, PHD+18, PB10, PPM+94, RSCFT+16, SGW+15, SMP04, VALM17, WW07+15, XGL15, ZHY+13, ZSL15, WPL+15, Won15, WKL15, ADE22, ATLD+20, ACR+20, An09a, BCKH07, BGDT11, Can06, CMP14, CEG+11, DKS+11, DSV+11, ETDB11, FVSS14, FBCN00, GIO09, GFW07, HBR11, HZK04, IM02, JLD11, JDD+11, JDBP+05, KCTG16, KIM08, KVPK20, KWH+05, MAR+15, NMS09, OB22a, OB22b, PRMM+17, RLH+03, RNR20, TP07, THR01, TWTP07, VLB06, VFS02, VKG93, WNW711, WNA+10, WWS09, ZRC+11, ZGGLF22, ACV+01, ACG+01, AJR+15, BJK+22, BCC+22, BW99a, BN04, BSZ99, BY04, BHJ+14, CSL+22, C4S+17, CG21, LCC+07, CHL+15, CLSS15, CSL+07, CCC+03, CWEHT22, ChH+22, CHR07, DW15a, DDN+04, DWS+14, DNR20]. South

[DRR17, DLL+15, FC15, FSGV+09, GWL+15, GJ11, HLG+21, HNM+20, HMS+13, HKM+04, HKAT22, HSD04, HLF+15, HZ19, HXX+10, JSSB21, JKB04, JRG+22, JKF+10, JVDW12, KFS+17, KMG+20, KWW04, LRK09, LOA13, LSDB+17, LS04, LLH+15, LW15, LW+20, LCM+07, LH07, LTM+22, LKH+07, LST+07b, LBY+10, LHKHH10, LT03, LKF+17, MS99, MV19, MMH+08, MNR+11, MGR03b, MF09, NTF01, NMR10, NRH+20, NRBO+05, PHM06, PW15, PD01, RCW+15, RP02, RBH+04, RSCFT+13, RTM+20, RAB+17, Rog17, SKC99, SHD+14, SHB02, SRW+10, SLHS20, SHC+22, SBC17, SDGH14, SLC+15, SLB+15, Sum19, TGLN93, TTP06, TM22, TWL+15, UP09, VV04a, VTD+20, VM01, WKL+07a, WT14, WLD15, WZC+19, WRZ+19, WZZ+19, WT12, WC07a, WAM+15, WK+07c, WY11, WC07b, WDC+15, WCL+15b, YXC+19,
YZZ+19, YKY+07, You99, YMMC11, ZV13, ZWC+15, ZLZ+15, ZZY+19].

**South** [ZLW+19, ZWQ+19, ZSZ+19, ZWJ+19, ZS19]. **south-central** [BCKH07]. **South-east** [PBN10, ADE22, OB22a, OBB2b, SHD+14]. **south-eastern** [TPW07]. **South-equatorial** [SKC99]. **south-west** [MAR+15, WNA+10, WRs99, ZRC+11, ZGGF22, AJR+15, JF+10, LDBS+17]. **south-western** [ATLD+20, ACR+20, NMWH19]. **southerncentral** [BMB+18]. **Southeast** [SH02, ULH+21, BES11, BSG+11, Bno2, BA02, Bor01, BTUV08, CP02, DMW+07, GEP+16, GS06a, LWO+09, MFPL19, NBB+02, NDD+14, OS02, PPB+22, RPM05, SKR+12, SWCB02, TBB09, WSFB02, WKM+07b, WKM+07c, BT98, BNP+09, KMOM19, MC18a, MRM08, RCL+09, SBK+16, VBM+19, Wei15, WNHF+15]. **southeastern** [AZK+20, AKHR+20, BRB+13, CKH+05, CKB+07, CML+14, ESDM13, FB05, GGC19, HSM02, HSW+02, HBJ02, HSSN08, HRK14, KHS+02, KIM08, MHO02, Mac08, MDH16, OMS06, OYM+13, PC08, RS02, SMZ+08, SBB+11, SHM13, SNS+16, SS02, SDAH+12, SHR02, SKSW02, SBS07, SKM+12, SGM+14, SHPM14, SF08, SPP22, TKF07, OGG+20, RD02, SSDA13, JJJH18]. **southerly** [BES+11, RPM095]. **Southern** [AS01b, BTB12, BTR95, BSO08a, BTUV08, CBB+00, ETD+11, FWP+07, FvFC+11, GAL+20, GPFM02, HC15, HPM02, JSWB21, JBVW12, LBR+11, LRL+22, MB07a, MSF+22, MHM+08, MRR+11, MDS+16, PDH+11, PHE+18, PSF+07, SBQ+02, SAM+00, SA03, TM22, TVLB08, VPP07, WAL+11, YMMC11, ZJL08, vBRR+08, AGGdC14, AKZL16, AKM+05, BMS+18, BTR20, BvWR+20, BBR+96, BA94, BG09b, BT03, CRD01, CTV+15, CHPS00, CDG00, CCC+03, CTW+20, CD20, CPW+18, DLLK15, DMC+01, EWP+99, ESJL20, EMG08, EPHE18, FLM10, FPO2, FGH+13a, FS14, GBC+13, GMM18, GPC+05, GMC+12, GZGC10, HA10, HMMF11, dITGCA+03, HSH+13, HFP94, HV03, IB010, IAA96, ITT+15, JCM+13, KLL03, KFA+20, LCR+96, LM01, LBB+06, LAT+18, PMD+06, MC06, MCM+14, MKW+20, MGJ+18, MC18a, MWT+17, MNSM+04, MCS+09, MT06, MdSLH13, NDD+14]. **southern** [PS04a, PKHH17, PVR18, PJ01, PMR+17, PBGD+13, PJL+07, PNC+06, QS04, RWT+20, RL03, RYT01, SMR+06, SSWM18, SNS01, SPF+94, SFB+12, SBK+16, STS+15, VGGLB15, VDS+20, WMW+20, WL20, WOM+16, WTJ+19, WZ03, WWHT20, YSBH06, YLBD103, YS01, ZSM+13, dBC+09, dSSB+01, vC97, ABC+04, AMV+12, ACVP04, ABE+11, ACFS02, AA15, ACSG15, AHK99, ADAM02, ACBM08, AHB+17, BC11, BCE+07, BDB97, BLW01, BCT21, BSK+07, BBLW+11, Bce97, BSS20, BMM+08, BCG04, BFT+97, BEE+13, Bis94, BSG+02, BCH+11, BL03, BPD+15, BFML+08, BAB08, BTC13, BMF+01, BL01a, Boy02, BCH+19, BV14a, BBBBB04, BBB+07, BE09, BE11, BVB+14b, BW14, BWGW98, BB04, BCB07, BNN05, BNS03, BBA+01, BBD+03, CSEP+17, CRDP02, CCBL14, CGM+07, CGSZ13, CAFK03a, CAFK03b, CWWB04, CFT+04, COV+08, CP03, CHH+22]. **Southern** [CS20, CAOT04, CBS11, CSS+02, DSN+10, DSS11, DeM02, DRRM97, DCA09, DSO+97, DKN+97, DB97a, DSN+20, Di03, DFD+11,
Die07, DWJ+15, DB97b, DB02, DLKP14, ETDB11, FdBGP11, FAS+03a, FAS+03b, FMO02, FLMF07, FRW00, FS07, FBCN00, FCA04, FCAD04, FGH+13b, FBCP02, FPFGH02, Fr04, FPB04, Gai97, GBL+08, GAL+12, GCKC07, GPB09, GCB04, GPK02, HS01, HBSL01, HS98, HZM07, Hei02, HMS+03, HWCT04, HWCT11, HFM+00, HHP04, HWS+07, HSC+07, HMA20, ISB+11, ILWH03, IIM02, IPH+17, JBM+08, KBLA97, KBB07, KSL+04, KNV+10, KCM+20, KLM+11, KWW04, KMD+11, LB07, LG08, LEP14, LYH+13, LW10, LGVK+14, LBB+07, LTM+22, LS10, LZF+22, LSA14, LBGW97, MQ01, MT15, MCH+13, MPL15, MTE+02, MMTT+20, MV01, MTWC+15, MKT+15, MHA+15, MMH+08, Met09, MLBB14, MBK97, MvSD11, McDL+11. **Southern** [MNV+20, MNPT06, MMT08, MBT97, MSTM07, MC13, MQCA08, MLS+15, NGS+15, NGM+20, NBSF01, NAB+02, NSvH+11, NMR10, NLY+13, NTH10, NW01, OCL+08, OCSG00, ÖCB+04, PF02, Pak04, PF04a, PF04b, PLRV22, PDA+20, PMJW10, PMS+20, PFdSG11, Pec97, PMJ20, PLR02, PBD+02, PO15, PPR+20b, PGK15, QTSP97, QB02, Qué13, RGT97, RDF+02, Ra111, RJM+15, RDW+22, RGW04, RMBW07, RHB+04, RGHN+97, RHPC+19, RW95, RMP+17, Rod13, RDDL+13, SGA+15, SLC+20, SLS+07, ST1+08, SMCA01, SVD97, SH11a, Sch02a, SE07, SFD11, SFF+15, SNB02, SDB+97, SSS+11, Sm11, SBN+15, SBA+20, SWGPK17, SLC+15, SCC+11, TOFO4, THJ+17, TLSW15, TDD+10, TGR+11, TAL+12, TNT+15, TSSR20, TP02b, TP02a, TLK+02, TPS+15, TRH01, TA01, TDC08, TOP95, TCH+16, VQ97a, VQ97b, VSD+97]. **Southern** [VTA+11, VVM+12, VKM+10, WN01, WW04a, WFF07, WHNS04, WCK+18, WDG+02, WvSEP+10, WW04b, WPB11, ZD+20, bsBD+20, GBH+01, GSM01]. **Southward** [AJR+15, FS07, PMS+20]. **Southwest** [BLB+99, CDA98, DOB+01, LCL+98, Sam01, BRG17, BEGC04, BC03, BCBF03, BSBR17, CWB02, FAS+03b, FA02, HML99, HAM+15, JNO4, LB93, MAH+12, RP17, SZH+04, SKW+04, WACGH11, ACD+17, Ark13, DT03, FYS+17, GGH98, HRX17, LBSB+17, LB98a, MMHB98, ML20, PR17, RMA+20, STB+17, SOS01, SSAL+17, WLC99]. **Southwestern** [BSL08b, MP17, BDR+03, CRA+20, ESK06, JKP+17, LPPK14, MAN+20, MGT+20, OTH+05, PW05, PPN15, FSB14, YK04, CBA+20, EBGCL08]. **sp** [AM15, AM18, AM22a, BCNS15, CA15, CP18a, GM18, G018, GBS00, KBR18, MB07a, MGE13, MB18, MM15, QRE+17, SS13a, SM15, Ste13, SC15, UC13, VK04, VHM17, WVT15, vFvBB+02]. **space** [HMSMK04, JBB+13, PBO+11, WWHT20]. **Spain** [JRL+19, BF1+14, BFG+10, CJA+06, HNRG06]. **Spanish** [CR06, Can06, WYL+20]. **Spatial** [ALHP18, AMH+01, BG1+06, BFC+06, BEC+96, BO96, BCS99, BG94, BY04, BMGC09, CJA+06, CG07, CMR+18, CRBK03, CH97, DSB+18, DABMAM04, DVS+14, DLW+17, DG18, EGL+16, FPB+14, FLM10, FAMY20, GMR+09, GLK+06b, GKR+18, HP98, HdMR+99, HC05, IFFGL+04, IAM+09, KOM17, KAI21, LBC+98, LAP+17, bLHsL+13, LMC+12, MD808.
MMS+19, MPH+22, MO96, MG13, MHA+15, MBK97, NR06, NBSM01, OM98, OS04, PWD+11, PPYN15, PrR18, PH96, PMF+17, PRDB+17, PLPS98, PAM+14, PE17, QLU09, RSWG04, RMCAR06, RJD06, SBM16, San13, SL94, SLM+20, TWA+12, TM22, TLP+12, WCMB06, WP95, WW04b, XSM+19, YAS+93, ZXLL10, bsBD+20, Ano97b, BH14, BHMC05, BBS+20, BWS+98, BF14, CD09, CLL+03, CGR96, CBSS02, CWEHT22, CSS+22a, CHH19, DS21, DCC+13, DSG+09b, CHH19, DS21, DCC+13, DSG+09b, DRR17, DPY14, DC06, GDE96].

spatial [GSW+09, GHB+05, GGRW98, HWM02, HHMF11, HLS+02, HPY+15, HHTK+05, HSSN08, IS07, IPTH03, KWW04, KL13, LJBF00, MRB+14, MMD17, MHB05, Mit96, MFG+04, MMC11a, MGGTM19, MARFP08, MBC+09b, MWSH04, NSY04, NBBBT13, OHK+02, OTOH05, PPA10, PFS02, PdBK+03, PFAZL09, RMA+20, RSW+13, RBP+05, RSCFT+13, RSCFT+16, RJGBF02, SSH02, SISA+02, SLHS20, SVF+08, SBSH99, SW01, SGC+03, SGI+19, SGB+08, SMS+08, SMLS+02, TLSW15, UPS04, WMB+13, WMS+96, WGM14, Ano95b].

spatial-temporal [CHH19].


spatio-temporal [AR02, AGAB19, ACG19, BBH05, JBC+21, OYK15, SWBKK10, SMSI08, SBA18, TBH09, TMGL19, YKS+19, ALR+14, MGB+08, RJB+04].

specialization [TCEW07]. specialized [AZYT16]. speciation

[AV97, ABE+11, BC11, CHN+18, CA+OT04, CWD+99, JM15, KTF07, LGC+12, MS99, MNN10, PLdL97, PD01, TY98, WLI00, WJS+06]. Species

[BDW16, DTWW17, DTWW21, FCBD08, GRB+17, JBOH10, Kam13, Kam18, LCV06, MNN10, MHC+10, NOFP14, OA11, RQRVM10, SSM09, VV04b, ZWJ+19, AMJRD19, AM15, Ala15, Ala18, ADE22, Ano96g, BG1+06, BMK96, BVL04, BV04, BTR20, BPPJ15, BH97, BCNS15, BCE18, BLH05, BSE15, BT03, BBT+18, BZvHH00, BB04, BMK09, BFK+14, BHK+10, BOJ+10, CKFC18, CSE+22, CRA+20, Che13, CP18b, CP22, CLQ+18, CBMM15, CBH10, CMTS97, CGD+15, CP05, CPEN08, DDS11, DZL+17, DRVYS+14, DM16b, DSC+19, DAGK+17, DG18, EEAC+20, EBGCL08, ELG+22, FM13, FI02, FGB10, FNS20, GTSC08, GASGB+14, GLCU+17, Go15, Go18, GM22, GIPLL+14, GBSL98, GGO+14, Gut06, HDK08, HNS+11, HIA+16, HK10, HSZS17, IATK17, JR11, JLR+13, KBK+18, KOM17, KGB+14, KBR18, KEA+17, KRHS20, LRFB99]. species

Sponge [DJ15, DFJ18, HCBL+17, KGB+14, KBFH14, NDE14, PCF+18]. Sponge-beds [KBFH14]. Spreading [KL96c, BBG15, JASS02, MR15]. Spring [BSK+97, BGMH01, CD99, HCS05, JCF+06b, SSE+14, SFB16, TSZT13, YSBH06, ARLB00, Ald95, AMP+03, Ano95b, ADAM02, AGM+93, AS95, BSMV03, BCI02, BRG+19, BDB97, BMGF93, Bec97, BS01, BSKD+07, BRSW95, CAS+16, CDG00, CC03, CCS+16, DN2+16, DSO+97, DKN+97, DBO01, DKQ+93, DCO6, FMO02, FW2+07, FWC+12, FDO1, FG97, FWM+11, FHYI03, GWR93, GTTKB14, HNW+08, HDD+11, HMAW11, HK08, HNB+13, IGN+10, IHSS+10, JCF+06a, JLR+13, JZ93, KBLA97, KJL+17, KFF+94, KMM+08, KAHS20, KYI10b, KUN10, KIN+10, KMO+10, KS10, KLD21, LMG93, LTD+11, LDHI93, LYN+13, LHM14a,
LHZJ13, LXS+13, MH93, MLG+02, MNG+11, MGH+16, MBK97, MDT+08, MKS+02, NKF+10, NMK+20, NSY04, NYH+20, NED90, OVK11, OHS10, Pec97, PTD+14, PFX+02, PCAS05, Pro09, QTPS97, QB02, RWRS08, SMB+03, SCGDU09, SF10. spring [SHGB95, SvdMC+16, SSM+08, SSH+08, SLA+01, SSR13, SET+09, SVS93, SDB+97, SGM+14, SNW08, SDLZ+13, SKF+10, SFP+09, SFW+13, SFZ+13, TS93, TFK07, TT01, UWvdE+16, VGBGPA02, VSS+93, VPS97, VMF+16, WAPL95, WSE+16, WT14, WGR+95, WPW95, Wi94, YOK+10, YOO+10, YK04, ZZX+13, ZHX+13, vdLBB+02, vdMLB+11, DCM+99, LB98a, RA98, RFB97, Sam01]. Spring-time [YSBH06, SGM+14]. spring/early [FWP+07, spring/summer [BMT20, DIM+12]. Springtime [FPS+14, PTD+14].

Spumellaria [IuD+12]. Spur [SHM+07, HDF+01, HSM+01a, HGC+01].

squaliform [CP13, CGD+15]. SQUAM [DIM+12]. squat [CRT+00]. Squid [Ark13, OSG+13, BJJ+22, FEB+13, IDSM04, JKJ+22, JRG+22, NA13, PNVJ13, Rod13, SRS+20, Sei13, SMV+14, SFMG13, SGFP13, TS13, VJP+10].

squirds [CNOC13, IWB+20, NCSO13, TTDTR13, YOR13]. Sr [ATN+12, HKFL03, Ike03, LLLP+03, MPS+03, PFG+03, SHWW22, SSS+07, WCJ97].

Sr/Ca Squid [SZS+07]. SRDL [SSWM18]. Sri [CS19, LPJ+19]. SS [DCS+18].

SSH [Yu03]. SSS [BMT20]. SST [BMT20, DIM+12, KK19, NOLASZ04]. St [DSO+00, DKI+00, DIO0, GLCP12, MCS+09, PCB+00, SRSL00, RSR+00, SVF+00, TLKT00, VSR+00]. St.

[FFB+13, HNB+13, KIM08, WTI+20, ZK12]. Stability [SF11, CPEN08, Rcb03, RP05]. stabilizes [OvdRv+A+22]. Stable [ACR+20, BLM+10, BSS+00, Car10, CCM+20, CMVS+10, MBB+14, NHM+06, PGK15, RTC06, SHR02, So09, VCRDF99, AHV+00, BWD02, BFM+14, CHV+15, CRH+16, CML+09, DBM+17, GLCU+17, HFK+02, HAM+15, JSM+16, JHHK14, Kli09, KYKJ16, KHH+17, LL13, LPL+20, LNHD+17, MSW+13, MC18a, M KK+18, NMS09, PVK+20, PGFP+08, PCP+17, RSW+13, RPF+16, SFR07, SAM+12, SNS+11, TSW+12, WWH+10, WYPY06].

stable-conservative [BWD20]. stage [BJJ+22, CHPF10, GGPM05, Kli09, TIS+13]. stages [BGII+06, BZS+16, DDAH+14, HHH+19, HHH+20, MDH16, OB22b, Pro09, RDBP14, RGH+06, SRS+20, SSDA13, SDMC03, SMV+13, TY98].
stag horn [GNB+17]. stained [CG+04, FDR+18]. staircase [MCM06].

staircases [MCM06]. standardized [BCN+17]. St and en [CL06]. Standing [KHC+09, OT03, SNSS+07, DEL+17, DDB+97, HTD00, HAC+14, HZT+06, LMG+93, LBGW07, RBA+01, SP00, TZS+01, 1BH06]. Stanton [Ano97b].

star [SN00]. starvation [CM+01, PSS+16]. starved [KWH+05]. State [JBB+13, KFA+20, PFZ+02, SHF+18, TAB+02, VCSM09, W98]. YHL+12.

State-space [JBB+13]. states [DHCV19, FHA+16, HGB+16, JFM+17, TCH+16, VGZ+19, VCG+20, WYT19, BRB+13]. static [RP05]. Station [CBT01, WLA11, WW+99, BS+98, BB98, DBS08, DOC01, KWA+20, LSST20, LCT+07a, MHS01, MCPA02, MC02, PC00, PK03, Pf+93, SBG+98, SHR20, TWC+07, WTWC07, ZLOR02, AML01, BWD20, BRPH20, CJFL96.
CTGD08, Chi96, CMH+20, DK96, FNYK02, INTS02, KCD+96, KBD+01, KNI+05, LSST20, LAMS+01, LDWK96, LIS+02, NKA+11, PLT+13, PKR+01, PDB+20, SE95, TNIW02, WCWW99). stationary [CFR+14, CWSH20, Hol06, STN+06, SVS+20]. Stations [MPZ+03, BDM+03, BMHK08, CM00, CGG+19, KMB11, NKE11]. statistical [Ano05e, BU05, HGK+18, LM13, SS05a, SS05b]. Statistically [Hol06]. statistics [SJ00]. statocysts [SLD+13]. Status [LP19, PCY+13, CWSH20, CKL03, LKLK17, LSL+15, Mar13, SID19].


step [TP02b, TP02a]. Sterechinus [DFD+11]. STerna [TOP95, TO95]. Sternaspidae [KMA+18]. Sterneaspis [KMA+18]. Sternoptychidae [RBS17a]. sterols [Har94]. stewardship [HD17]. sticking [AHML95]. stimulated [NW01]. stirring [PS20]. stn. [FSL+01]. Stock [VBM+19, AI09, DDB+97, HIA+16, IHAPA16, KT06, LGM93, LBGW97, NA13, OUJ+19, RBA+01, SNS+07, SPW+22]. stock-specific [SPW+22]. Stocks [CDS96, CHPS00, DKQ+93, CWSH20, DSO+97, HTD00, HZT+06, KG20, KHC+09, MBP09, MCS+09, PDC+21, SSP+09, SP00, TPS+01, TZS+01, THZ06, VSV+97, WVD00, WvDEP+10, YK05]. stoichiometric [HCG+03].

stoichiometry [KBD+01, MHP+07, PBNF+16, YOI+09]. Stokes [CJ19, Hen19]. Stomach [RWT+20, CHV+15, DBMI17]. stomachs [PM10]. Stomias [BBB+01, BBB+01, DDAH+14, DMH19, SCH+19a]. Stone [BOJ+10]. storage [CSS+22a]. STORM [MFE+02, KDSR19, RBO07, ZDA+16]. storm-induced [ZDA+16]. storms [PMLM+02, RWG93]. stormy [MPV+11]. story [FRBB13]. stpichiometry [HMB+96]. strains [RHL+16]. Strait [Blo02, CR06, CLPL+09, HZL94, IMP+02, KOLA+18, KGdC+18, MISC+02, MMSS14, PIP+02, RJVG+05, RJB02, WWB04, WWN+22, dCHOF+18, ES04, BIP+02, BTP+18, BMG+04, BSKD+07, BCDV02, BAF+18, BAC+02, CHL+15, ELB+02, ESWL20, Fg02, GCR+02, GGLP02, GLSK+17, HEB00, JKN+05, JC03, KAHS20, LDV+02, LHKHH10, MTD+18, RVJG+02, SCDL02, SH99a, SH99b, SWC+02, SZH+04, SWO10, SJL05, SABP+16, THJ+05, WGS03, WYL+20, vCHM18]. Straits [DASC02, RVZ02, VFS02, DCC+17, Gar04, Gre04, Iv04, LS04, Pra04, ARB02, DCS+18, LAF+02, ME02]. Strategies [DSC+19, KKH+02, LB09, LWFB08, BC08, BFT+10, DEJ08, DLF09a, HCZ+07, MFH04, NLAP+17, ROB+17, RDL+13, SFPH+08, STH+10a, TGU+06, TCEW07, Wya14].

Strategy [ROBV+18, AH17, CW18, PBB+13, SS09]. Stratification [CMV+20, Iv04, LS12, UKJ+20, ZHD+08, DKK+00, FPW02, KXH22, LG03, LL14, PR17, RBS+17b, RMK+14, SSSC19, SF11, SD69, SF08, WC06a]. stratification-enhanced [RMK+14]. stratified [dSVC+14, BDW+96].
BMR$^{+14}$, DLG$^{+14}$, HHH$^{+15}$, KFF$^{+94}$, LBR$^{+08}$, LM96, LCR$^{+96}$, NG96, RB$^{+14}$, Rai$^{14}$, TMH$^{+08}$, TMC$^{04}$, Uml$^{05}$, WABW$^{02}$, ZFA$^{+02}$.

**Stratigraphic** [MTR$^{+10}$, BLI$^{+09}$, DBD$^{03}$]. **stratigraphy** [AKI$^{+16}$, FSG$^{02}$].

**Stream**

[DWEB$^{13}$, JTDG$^{13}$, LM$^{13}$, PAUB$^{19}$, RSC$^{07}$, RYT$^{01}$, SRY$^{04}$, ST$^{13}$, TTFJ$^{13}$].

**streams** [DME$^{+18}$]. **strebel** [GWDP$^{11}$]. **strength** [Ano$^{97b}$]. **strength** [DBN$^{+11}$, LLK$^{+16}$, LWO$^{+09}$, WMS$^{+96}$]. **strengthening** [SYB$^{+11}$]. **Stress** [BF$^{08}$, AA$^{19}$, DDLK$^{06}$, HS$^{05b}$, KK$^{19}$, KK$^{06}$, LZ$^{+13}$, PHD$^{+11}$, SCL$^{+04}$, SW$^{+10}$, SSSC$^{19}$, YPY$^{+13}$, YAO$^{05}$]. **stirors** [DW$^{15b}$, SS$^{+09}$, WYT$^{19}$, ZHX$^{+16}$]. **stirn** [Kyt$^{02a}$]. **Strike** [MCB$^{+15}$, CPW$^{+18}$]. **strike-slip** [CPW$^{+18}$]. **stromatolitic** [ACBV$^{+18}$].

**Strong**

[MHB$^{05}$, OBKA$^{17}$, BBB$^{13}$, MP$^{99}$, MBG$^{09}$, OG$^{11}$, PS$^{19}$, SVAGRCS$^{04}$].

**strongly** [JSVC$^{+14}$, HTW$^{14}$]. **Structural** [IBK$^{+11}$, SSK$^{+05}$, SSK$^{+07}$].

**Structure** [CP$^{05}$, DAKR$^{20}$, FMWD$^{07}$, MKD$^{+20}$, MMJ$^{+03}$, NPF$^{+09}$, SMS$^{01}$, ST$^{07}$, SFP$^{+09}$, YWI$^{+02}$, ZV$^{13}$, ADV$^{+01}$, AVS$^{+20}$, ACBMQ$^{08}$, BCI$^{02}$, Ba$^{09}$, BH$^{14}$, BPC$^{05}$, BH$^{19a}$, BGCH$^{20}$, BVWR$^{+20}$, BSKD$^{+07}$, BG$^{94}$, BF$^{14}$, BTC$^{13}$, BHHM$^{+12}$, BL$^{01b}$, BMSBM$^{+17}$, CLC$^{+98}$, CTBN$^{08}$, COV$^{+08}$, CBW$^{01}$, CMH$^{09}$, CGR$^{+00}$, CSGV$^{13}$, CRBK$^{03}$, DMS$^{+10}$, DRD$^{06}$, DGN$^{+17}$, DCA$^{09}$, DGK$^{10}$, DDB$^{+17}$, DOS$^{+00}$, DCH$^{04}$, DCR$^{94}$, DPY$^{14}$, D$^{100}$, DFK$^{+06}$, DHST$^{13}$, ENM$^{+14}$, ENM$^{+16}$, EGMB$^{13}$, EBDL$^{08}$, EWF$^{+18}$, FJR$^{+20}$, FWP$^{+07}$, Fro$^{04}$, FB$^{05}$, GBH$^{+01}$, GRW$^{01}$, GSK$^{02}$, GGH$^{+00}$, GPF$^{16}$, GdGR$^{+14}$, GGPM$^{05}$, GIPLL$^{+14}$, GS$^{06b}$, GKGW$^{22}$, HWTP$^{07}$, HV$^{98}$, HNK$^{+12}$, HSK$^{+00}$, HFP$^{94}$, HLL$^{+09}$, HPM$^{02}$, HWJ$^{20}$, IB$^{10}$, IFFGL$^{+04}$, IHI$^{+97}$, JZ$^{93}$, JPZ$^{93}$, KWF$^{+19}$, KBI$^{01}$, KFG$^{+03}$, KRS$^{+11}$, KFJ$^{+05}$, KAM$^{+20}$, KL$^{03}$, KMG$^{+20}$, KWW$^{+12}$, KHL$^{+17}$, LMLJ$^{18}$, L$^{12}$, L$^{02}$, LS$^{14a}$, LGML$^{00}$]. **structure**

[LMK$^{09}$, LW$^{+15}$, LHZ$^{13}$, LWB$^{+20}$, LT$^{+22}$, LB$^{14}$, LTT$^{+00}$, MSH$^{10}$, MBH$^{02}$, MBP$^{+20}$, MK$^{21}$, MC$^{18b}$, MCH$^{22}$, MTK$^{+18}$, MAB$^{+01}$, MS$^{08}$, MB$^{+09a}$, MHVM$^{+08}$, MT$^{96}$, MBO$^{07}$, MPTW$^{11}$, MSBS$^{01}$, NGS$^{+15}$, NOL$^{+04}$, NKK$^{+00}$, NMC$^{+07}$, NTH$^{10}$, NG$^{96}$, NPA$^{+22}$, OE$^{06}$, OYM$^{+13}$, OYK$^{15}$, OKY$^{+17}$, OS$^{02}$, PF$^{04a}$, PK$^{07}$, PP$^{95}$, PC$^{+05}$, PRA$^{+95}$, PF$^{07}$, PBO$^{+11}$, PHS$^{03}$, QED$^{+14}$, Qu$^{+13}$, QRE$^{+17}$, RA$^{98}$, RPA$^{07}$, RMB$^{+05}$, RJB$^{+04}$, RA$^{+11}$, RCCP$^{13}$, RJGBF$^{02}$, RGL$^{+06a}$, RW$^{+08}$, San$^{13}$, SVR$^{+00}$, SSMM$^{+08}$, SF$^{99}$, SLMP$^{07}$, SOS$^{10}$, SGJ$^{+20}$, SKL$^{+22}$, SGI$^{+19}$, SS$^{19}$, SMB$^{+98}$, SE$^{14}$, SMPSG$^{+04}$, SM$^{20}$, SCW$^{08}$, SBE$^{+09}$, SCST$^{20}$, SKM$^{+14b}$, SPH$^{+08}$, SWMB$^{10}$, SSAF$^{02}$, SS$^{+09}$, SKH$^{10b}$, TSW$^{+12}$, TBEW$^{99}$, TZ$^{+01}$, TLSY$^{11}$, TLR$^{+00}$, TS$^{10}$, ULTL$^{16}$, Vp$^{06}$, VR$^{+00}$, WHP$^{+19}$, WMH$^{+07}$, WH$^{98}$, WGB$^{+04}$, WAV$^{+12}$, WAT$^{12}$, Wvd$^{00}$, WCH$^{+93}$, WGR$^{+95}$, WFW$^{+17}$, WBD$^{17}$]. **structure**

[WAB$^{02}$, WCK$^{+18}$, WvdE$^{00}$, WvdE$^{+10}$, YCD$^{+06}$, YOO$^{+10}$, YHK$^{15}$, YJL$^{16}$, YD$^{09}$, YNK$^{07}$, YLH$^{+10}$, ZJH$^{08}$]. **structure-building** [GIPLL$^{+14}$]. **structure-forming** [LB$^{14}$]. **Structured** [TFP$^{+16}$, NBCT$^{13}$]. **Structures** [MDA$^{19}$, BCW$^{+02}$, CR$^{06}$, HCG$^{+01}$, KVPK$^{20}$, LS$^{20}$, LDH$^{+14}$,}
LXS$^+$13, NRH$^+$06, PPM02, RR96, SL94, SLP$^+$09, STR$^+$14, TR02, TRM$^+$14. **Structuring** [BHS$^+$19, BMH08, CPEN08, Dia04, HBC$^+$12, JTK$^+$14]. **studied** [HM93, RSF$^+$99]. **Studies** [CC00, CP$^+$18, FSK$^+$05, MB13, MCB18, PNLF02, PNLFS03, BLSW05, BV98, BDO00, BGH99, BGS$^+$08, BM15, BRPI02, CGG$^+$12, CGPM13, CSM93, CM01, DGR02, Dsc08, EFR$^+$16, FGB10, Go93, GPK02, HWCT11, HRG$^+$16, IF95, JCF$^+$06b, JASS02, KB99, LBM10, LLB$^+$00, MFG$^+$93, MsvL17, ML04, MC13, MLD97, PNLFS02, PP93, RGW04, RP18, RPF$^+$16, RGL06b, SBKS03, SWDB$^+$14, TYBY06, VPA$^+$20, Web19, WBBM01, WD$^+$02]. **Study** [Ano96g, BMK96, BQT08, BHJ99, DFF02, DGN96, GGP$^+$01, MHS01, SCB$^+$01, SMB03, TJW$^+$02, UMTS09, WWW$^+$10, WCH$^+$93, WKM$^+$07b, WKM$^+$07c, ABE$^+$11, AGPR95, ANL13, AE02, Ano97b, AAR$^+$17, BKM07, BCN$^+$16, BMG$^+$04, BrWR$^+$20, BS21, BGDT11, BTS$^+$08, BRP920, CAH$^+$09, CHPF10, CB01, CWWW04, DWG$^+$15, DD95, DRR$^+$14, DZL$^+$17, DK04, DKS11, DGT17b, EB01, EEAc$^+$20, EO02, EOB03, FDR$^+$18, FCO1, Gal97, GWL$^+$15, GGH98, GGH$^+$00, GG95, GOC90, Har06, HH03, HS93, HBC13, HYZ10, HAM$^+$15, JTW00, JSM$^+$16, JCD$^+$03, JBS$^+$13, JMM$^+$13, KM06, KHF01, KMA$^+$18, LTG$^+$09, LLR$^+$06, LML$^+$01, LIT16, LVF15, LMG93, LSGM02, LCL$^+$10, LPS14, LSS$^+$07, MGT$^+$20, MLP$^+$10, MZH$^+$10, MCB$^+$15, MGMP02, MPS$^+$21, MGH$^+$16, MKD$^+$20, MTD$^+$18, MW05b, MS18, MARF08, MQACB08, MSG$^+$00, MMG98, NEO$^+$07, NYK05, NSH$^+$10, NC97, NKM$^+$20, NKb$^+$18, OLG$^+$01]. **study** [PL5$^+$10, PLRV22, PTS01, PRJW05, PAUB19, ROB$^+$17, RAI14, RAC$^+$20, RKB18, RMC$^+$93, RDG$^+$95, RBXM15, RNP93, SCCG09, SH99a, SH99b, SBS$^+$00, SBHS20, SK02, SHM$^+$20, SHR20, SBA$^+$20, SGM$^+$02, SMG$^+$07, SAM$^+$12, TSZ10, TSZT13, TOF04, TLW$^+$94, TPS$^+$15, TTA$^+$16, TO95, TOP95, VBF$^+$02, WKM$^+$07a, WZW$^+$95, WMS$^+$96, WBBM01, WBLM06, WAL$^+$11, WAL$^+$06, WSC07, WWW$^+$02, Won15, WTPS07, WPFP11, ZDWR95, ZJH08, Zim19, ZG15, AS01b, DD06, LMB$^+$98, MK96, MCG$^+$98, MJ95, SBC02, SMB99, SAM$^+$00]. **studying** [GBM13, KBE$^+$04, NB10, TT17]. **Sub** [AKBD13, CEG$^+$11, CMG$^+$11, ETDB11, EFR$^+$19, FLTV97, HD07, PHS$^+$11b, PHD$^+$11, RPA07, SLB13b, WGWW11, dSEDW11, ASH$^+$11, BK99, FVSR14, HB03, HAH$^+$01, HAM$^+$15, INTS02, KMM$^+$08, LBR$^+$11, LCS$^+$06, LSS$^+$11, LGBC06, PDT$^+$11b, PLL$^+$06, PBB$^+$13, SCPC98, WBO07, Ano99a, BG99b, DPS$^+$11, HRM$^+$11, KMB11, MMC$^+$11b]. **Sub-Antarctic** [CEG$^+$11, CMG$^+$11, ETDB11, PHS$^+$11b, PHD$^+$11, WGWW11, dSEDW11, ASH$^+$11, LBR$^+$11, LSS$^+$11, LGBC06, PDT$^+$11b, DPS$^+$11, HRM$^+$11, KMB11]. **Sub-Arctic** [HD07, INTS02, LCS$^+$06, PLL$^+$06, WBO07]. **Sub-basin** [EFR$^+$19]. **sub-bottom** [HB03]. **sub-euphotic** [SCPC98]. **sub-ice** [KMM$^+$08]. **Sub-mesoscale** [RPA07, BK99]. **Sub-Polar** [SLB13b, PBB$^+$13]. **Sub-surface** [FLTV97, FVSR14]. **Sub-Tropical** [AKBD13, HAH$^+$01, HAM$^+$15]. **subambulacral** [Mah16]. **Subantarctic** [BSG$^+$02, Had11, LPFS97, LQF$^+$02, SBQ$^+$02, TB97, WS11, BNM$^+$07, BTD11,
Subarctic [AHR+06, ANI09, BCS99, IYM10, NMH+06, SMH+06, TWN+06, UWT09, AKH+02, BE18, BML+06, BJH99, BGH99, BH99b, CBM99, CRM+16, CR18, DP99, DP02, DVPR06, EBB+08, GML99, GBP21, HRM+06, HOD+09, Har06, HTS+09, ITT12, KSH+09, KOS+16, KY10a, KTS07, KSN+08, KNI+05, KNN+06, KKNH02, KLN+09, LSF+10, RPA07, RGHN+97].

Subarctic-Pacific [IYM10].

subject [SAG+10].

sublittoral [SW09].

Submarine [HAC+14, LA14, MM14, WGW+19, BEZ+22, CPA+11, DHR+14, DVS+14, DLKP14, FPB+14, GPC¸18, Har11, HBCG14, HD14, KCM+14, KBI+11, KSB+03, MKKB14, MG22, MPV+11, MPPR14, MT11, MWK+18, MTMH11, MMS14, OBC+14, RGS+15, SBD+09, SGB14, Thu06, VKC09, VD98, dSJB+11, vdBGM+17].

submerged [CYB+18, GSB+03, NH11].

submersible [Sag18].

Submesoscale [WDD+22, WCL22, NBCT13, PS19, SD22, WPD22].

suboxic [GLK+06a, GLK+06b, MASVB+19, OE06].

subpinnata [dMGPT+14].

Subpolar [LGB13, LG11, HBCG14, HD14, KCM+14, KBI+11, KSB+03, MKKB14, MG22, MPV+11, MPPR14, MT11, MWK+18, MTMH11, MMS14, OBC+14, RGS+15, SBD+09, SGB14, Thu06, VKC09, VD98, dSJB+11, vdBGM+17].

success [BHB+07, HH03, HNB+13, MCB+08, RDPB14, SBL+18].

succession [LD95, MTB09, MLK+12].

suggest [BFSK08, CFK15].

Suginohara [YFY+10].

suitable [DW15b, EWF+18, PSZ+19, RDW+22, WTA+18].

suitability [DW15b, EWF+18, PSZ+19, RDW+22, WTA+18].

suitably [DW15b, EWF+18, PSZ+19, RDW+22, WTA+18].

suitable [DW15b, EWF+18, PSZ+19, RDW+22, WTA+18].
[CV17, PRORSV+19]. **Sula** [GMD07]. **Sulawesi** [CSS+10, WYIT13]. **Sulfate** [PTD+17, TCG+18, BSS+00, RDV+09]. **Sulfate-** [PTD+17]. **Sulfate-dependent** [TCG+18]. **sulfate-reducing** [RDV+09]. **sulfide** [CWdE99, DZL+17, ODP+17, TLF97]. **sulfide-rich** [DL+17, ODP+17]. **sulfidic** [LZM+13]. **sulfur** [BSS+00, TBC+17, TSP+18, ZHD+08]. **sulfur-oxidizing** [TSP+18]. **sulphide** [AGN+02, BAR+02, TNBL95]. **Sulphur** [LWLS98, HTML98, HML99, LSS+09, PLdL97, TTD13]. **sulphur-rich** [TTD13]. **Sulawesi** [GKH+07, KTF+07, MNN10, NG07, NMC+07, NEN+07, ODH+07, OOG+07, SNS+07, SNK07, TRM+07, WYIT13, YNK07]. **Summary**

[KT+B05, BLO1a, BEG07, EME+18, SDB+07, SBvL+02, WHLR13]. **Summer** [BOKA16, DBL+05, FLTC+10, LKD+15, LPZ+04, PSHF+13, RBS+17b, SM+03, WdEM00, ASMH08, AHGC+04, ATJ05, ÁR+02, AAMF+02, AGN+02, ACBM+08, ACGP+05, BSM+01a, BMCF97, BLO+04, BTR95, BCH+11, BCDV+02, BGD+11, BLO+17, BND+04, BLO+1b, CRDP+02, CSS+03a, CSW+17, CMG+12, CPEN08, DSB+18, DEL+17, DPH+14, DSO+97, DKN+97, DSN+20, DO+01, DKG+04, DSVR+18, DLB02, ETDB11, EGL+16, FLTV+04, FML+10, FWP+07, FWC+12, Fig02, Fr04, FPB04, FAMY+20, FHY+03, GMK+08, GCR+02, GTR+14, GDR+14, GGL+02, GP+16, GCB+04, HZL+12, HHW+08, HKN+04, HCS+05, HKP+10, HSK+00, ITMG18, JD08, KNV+10, KFF+94, KYK+16, LHM+14a, LLH+15, LAF+02, MK+14, MGR+03a, MM+20, MK+20, MdP08, MLG+02, MAB+01, MiW+08, NOS+10, NMK+20, NKK+00, NTH+10, NYH+20, OA+CA+19, OSC+00, PF02, PFO+04a, PFO4b, PSA+14, PSU+16, PDA+20, PMS+20, superfluos** [SAV+12]. **supergiant** [ILL+13]. **supersaturation** [SE+96]. **supplementary** [CVA+13]. **supplies** [MCC+11b]. **Supply** [HL+01, AAG02, BHC+01, CM00, DBS+98, FBBW+10, FGH+13a, HHH+14, HTA+17, HLN+96, LK+98, LML+01, MLP+10, MGG+17, SS+09, TWG+00, Wire00]. **Support** [ZDP+16, DKe+17, DJCF+09, MXC+15]. **supporting** [KUT+20]. **Suppression** [YK04, AS+11]. **suprabenthic** [AFC+17, FS+14, SE+14].
**SURF** [TFP+16]. Surface

[BTR95, CIMT19, DIM+12, DDL06, DTR+09, Gru99, HRT14, HS98, LNDH+17, MDI+12, MDM+13, MSB96, RS02, RTI+16, SMY+98, SGGW11, SWLW11, WNA+10, YK16, YCYTKB06, ATD+11, ATJ05, ACV+01, AGHS04, ATS+96, ACQ+08, ATN+12, ALT+13, BSG+11, BMS+18, BDB97, BAS00, BLO04, BCM02, BMML06, HMK08, BD02, BSM01b, BTRL99, BSS+00, BGS+08, BW99b, BVB+14b, BL01b, BLG15, BBS13, CHW+12, CV17, CHM+17, CC15, CSW+18, CFT+04, CKS05, CFL01, FVSRR14, FLTV97, FCA04, FCAD04, FKW01, GLCP12, GMCR18, GGM16, GRSW00, GMPS04, HSS+12, HLL+10, HH01, HZK05, HA03, HAP03, HH05, HZ19, HZZ10, HL01, HAD19, Ike03, JW05a, JW05b, JAP+13, KMSM12, KOM17, KA12, KLO6, KT05, KR95, KSH12, KMM08, KSU+06, KFTE14, KIS02, KS10, Kos01, KFW01, KLM13, LMM+17, LPK+17, LN05, aLCS15, LB96, LGVK+14, LLG+16, LMF+21, MPMD+06, MZD+11, MvSHD01, MB01, MCS07, MKRY01, MV99, MFN+02, MLR07, Met09, MC12, MGR03b, MS12, MDGF01, MZR+95, MSL+15, NYNK05, NGS+20, NLLH01, NFQ+02, NDD+14, OMS06, OHK+02, OBA02, PCT18, Pal04, PS20, Pin93, PTA+99, PJJ99, PDG+03, PdBK+03, RMB05, Rcl05, RFLW00, RBB+97, RBCG10, SA14, SCL+04, SMB+93, SY+10, SA18, SE96, SWB+09, SRW+10, SLR+90, SHWW22, SGW+15, SNB02, SPEPS18, SK02, SBN+15, SBS+97, SABP+16, SMPSD04, SBH+02, SMH+11, SBB+05, SJ00, SB05, SFZ+13, SJSI00, TSS+02, TSW+09, Tho97, TS03, TSB+14, TNIW02, TCH+16, TTI+16, VLK06, VPA+09, VMG+09, VNBW18, VPS17, VTD+20, VM01].

**surface** [WDFK+22, WFA+95, WCL+15a, WDMEL01, XAY+11, YKS+19, YAS+93, ZHD+08, ZWC+15, ZLZ+15, ZSN+18, Zon97, dLC+14, vdLCS+11, DKdS+03].

**surface-active** [MZR+95]. **surface-dwelling** [BMS+18, JAP+13].

**Surface-ocean** [DTR+09]. **surface-water** [OHK+02].

**surfaces** [BCWt00, BGCH20, JS14, KC03]. **surfacing** [EPHE18]. **surfactants** [PPS+16].

**surfclams** [BCL14]. **surficial**

**surveys** [CSCP13, DO19, DDB+17, LPK+17, MRE+11, MSL10, PLD+17, PDA+17, PLA+17, PMJ20, PBD+02, SBS+08]. **Survival**

[ZSN+18, CSS+22b, LWO+09, TBH09, VCM+14, VM13, WWB04]. **survive** [LLW01]. **susceptibility** [AKZL16]. **Suspended**
[FA02, Kaw02, KTP05a, RLP+98, ABG+20, BBDL98, CFL+99, ÇYFB+06, ÇYAY06, CBS+01, DKN+97, DJS+08, FCP99, HD02, KVB+09, LKH+07, RHB+95, SF98a, WBM96, dMCNC99]. suspension [GAP+06].

sustainability [Bro19]. Sustainable [ZQW19, SPDW19]. Sustained [MMS+16, JR15, LBM10, LBJ+13, MDS+16]. Sustaining [MSMS08, OGBF08, TAL+12]. Svalbard [BSSK+08, HP08, SFPH+08]. SVP [BTRL99]. SW [DLHH11, DC00, GNT+17, HCBL+17, JLL+13, LML18, CJA+06, CAFK03b, EBS99, FLTV97, HNRGL06, NRSL17, PJ99, RHGS00, SRAL+17, SBE+99, TBW99, vC97]. Swallow [Gou05]. swarms [CWD+10, WHH98]. Swatch [KSB+03, MSB+03]. SWEDARP [TBP04]. Sweden [OM02]. Swimming [HCZ+07, CB00a, RG06a, VAM97]. swordfish [EEAC+20, LPK+17, SAA+17]. Sycamore [WCK+18]. symbiont [OCG+09]. Symmetric [TTFJ13, DJFK+19]. Sympagic [KBF+08, KSM+11, TRH+08]. sympatric [FJF+11]. Sympathus [TTD13]. Symposium [Ano06b, Ano07b, Ano07c, HD07, PTP09]. synchronies [DSC+19]. Synchronization [TLP+19]. Synchronous [GSPT13, OCT+19]. syndepositional [WKM+07a]. Synechococcus [BLOM93, CLC+03, LCL+98, Uys06]. synergy [SHB14]. Synoptic [FB05, JKN+05, BES11, CMR+18, DHM+22, DT03, LCH+09, PPR02, RG93, WCL+15a]. synopticity [MLW+01]. Synthesis [Ano06d, Ano07d, DKS01, MBT+14, MSV18, CLQ+18, DCA+98, DD06, DGS+05, EDF+04, GBSL08, HWC+11, HRG+16, KD01, LSF+01, LF02, LPS03, MC13, ÖHU+93, PHS+11a, PDB+20, RSA+10, SMD06, SD08, WAW+12]. Synthesising [MBG18]. Synthesizing [OAH+16, SPW+22]. synthetic [NGF09]. synthetic-based [NGF09]. SyPRID [BKY+17]. Syracuse [RBCG10]. Syringammina [VWTK18]. SYSTCO [GJ11, MBLL14, NKE11]. System [CC00, GBDM+14, LPS14, MM97, SGPD+14, ZDP+16, AYMAS19, AJ95, AGS+02, AGAB19, BN97, BKY+17, BG94, BFF+10, BPT+02, CCG04, CDP+02, CLF+09, CFZ+18, CSW+18, CCW+08, CMW+05, CBB+95, CPC+03, CW18, DLF+09b, DBC+02, EFR+19, EDF+04, EHK09, FMFW07, FKS18, FCA04, GPÇ18, Gau07, GBP00, HWP+11, HLM+06, HEV+10, HTT15, KOLA+18, KGdC+18, KHGL+02, KHL+01, KWH+05, LLL+15, LB+17, LAGK+18, LM+21, LPK14, MWS+15, MFPL+19, MLW+01, MTWC+15, dMTG11, MDS+16, MN02, MDO+98, MYL+98, ML04, MM04, MKS+02, NS03, NRS+13, OCO0, QC10, SHF+95, SCGDL02, SCGDU09, SSH03, SHM+07, Sot09, SPH+08, TJH+17, TTDR13, TWC+07, TNJ02, VSGPR14, VBF+02, VD08, WCK+18, ZSIW21, ZX12, ZHY+13, Ant10, BPS00, BPC05, BV08, BK07, BCW03, BL03, CMRI13, DI03, DMW+07, EPPR09]. System [FEB+13, GMCR18, GQ09, HV03, JR15, MHG+04, MP107, PO15, QLU09, Reb03, SRF09b, SJ00, TAB+05]. Systematics [PPC+07]. Systems [HM14, Ano05d, BH14, BMR+14, BLD+06, BEB+13, BL06, CK03, CL15, DB02, HHH+22, KC03, LLM+17, MS18, NCSO13, OCT+19, PNS+09, RBMY14, Rai14, SL15b, SBL+18].

[AHML95, TCM+22]. TAPS [LDHO+14]. targeted [MGT16]. Taro [MTD+09]. Tasmanian

[CEG+11, DPS+11, DSJ+11, HBR11, J LTD11, JDD+11, WGGW11]. taxa [BCE18, BBT+18, DP05, Dau18, LYN+13, MAN+20, SKL+22, SNFK20, SRS+11]. taxon [BLC+02, SLT+11]. taxon-specific [BLC+02, SLT+11]. Taxonomic [LPJ+16, MHP+07, Ano97b, CG04, DGMS96, GBLS00, IHI+97, Kam18, KB15, Mar13, WMS+96]. Taxonomy [DDAH+14, RRT+17, DLB+11, LCL+22, OBKA17, TB98]. TCO [CSL+07].

TCSWCAO [Ano01h]. technical [JZ01, KHL+01]. technique [KJB+08, YKN07]. techniques [JLAD95, LWSA08]. technological [MPM+16]. Technologies [ELP13, dLWFB08]. Technology


temperate

[Dau18, FKS18, HCG+09, RBJW16, SSJ+22, VRL+02, VBF+02, WSLC15]. Temperature [BCL14, BRB+13, BKCV10, DHM+22, DIM+12, MDI+12, SPH+03, SKMS08, TY98, ALT+13, CBBC12, BZS+16, BL96, BSM01b, Blo02, BAFK03, BY09, BLG15, CV17, CAS+97, CC15, CWB02, CMW+08, CSS+22b, CKB+07, Eif05, ER05, ECM+06, FB05, GLCP12, HSS+12, HDGM19, HII+19, HII+20, HIA+16, HZZ10, HF21, JW05a, JW05b, KRB95, KMC05, KIS02, KNN+06, LLL+15, LT16, aLCS15, Loh08, MAH+12, MDJS11, MB01, MC01, MFRY01, MXC15, MC12, MS12, MSNL09, NOFP14, Pal04, PC00, PW12, PFPJ+09, PZL+09, RVGF02, RBB+97, RN06, SLdM+15, SRV+10, SBR+97, SMPSD04, SCD+22, SH16, SMH+11, TSS+02, TRM+07, TSB+14, VGGL15, VCM+14, VLU+06, WDMEL01, Zon97]. temperature-specific [HIA+16]. temperature-tolerant [BAK03].

temperatures [BFC+06, EHJ+20, MMB+08, NBBBT13, OMS06, OIJ+19]. template [Eks07]. template-fit [Eks07]. Temporal

[AISR+16, BS03, BDWG02, BB98, BMRP02, CCP+18, CWE+17, FGU04, GCCG13, GBH+17, HSBT19, HGMA+02, HHHK10, HNRL06, IGN+10, IS07, Ike03, IPT03, KBG+10, KSH+09, KFG+03, KDMH18, LPdR+14,}
LSM+06b, MRB+14, MGGTM19, MPS+03, NKF+10, OTHO05, PLT+13, PDBK+03, SSWM18, SiSA+02, SFV+98, SFG98, SE14, SPB+10, SW99, SBS+08, SMLS02, THJ+17, TLSW15, TSP+18, TWD+08, TWC+07, YSMW05, ZZX+13, vdMLB+11, ALHP18, ÂRR02, AMH+01, AGAB19, ALR+14, ACG19, BGLI+06, BTP+18, BFC+06, BBH05, BDM+03, BO96, BCS99, CJÀ+06, CLL+03, CMR+18, CGR+96, CHH19, CRBK03, CHR97, DKN+97, EGL+16, GMR+09, GLK+06b, GKR+18, GHÂ+05, HP98, HDlMR+99, HPY+15, HSSN08, HV03, JBC+21, KAI21, KW04, KL13, LBD+02, LPFC+10, bLhsL+13, MDH08, MMID17, MSI+08, MMS+19, MPH+22, MG13, NRO6, NBBBT13, OYK15, OS02, OS04].

Temporal [PPA10, PH96, PLPS98, PAM+14, QLU09, RBJ+04, RSW+13, RSCFT+13, RSCFT+16, SDCM03, SMS+08, SWBKK10, SM20, SMS08, SMGB02, SMGB03, SL12, SBA18, TWA+12, TBH09, TM22, TMGL19, TKP+20, WCMB06, YCD+06, YKS+19, TRF+97]. Temporally-resolved [HDW+20].

Ten [Ano14, DPK+14, DPK+14], tenuissima [GAJ+13].

Terms [SD96].

Terra

[Ano14, DPK+14, DPK+14, DTJ+14, NLDJ14, PDK+14, WPW+14].

Terrestrial [LWL+11, SBB+17, SHS+12, SBSW07]. terrestrial [MTMSS14, PDS+17].

Terrestrially-derived [PDS+17].

Terrestrially-derived [PDS+17].

Testbed [DZY+01].

Testing [SLF07, LdSN+18, MDTS08, MGK19, DCD+14, LW04].

Tests [MLR07, vGCM+00].

Tetraparma [HPN+12].

Tevnia [ZJFV15].

Texas [Cha07].

Textures [CYB+18]. Th

[AH02, AFB+94, BCH+96, BMK+13, CM99a, CM99b, CAFK03b, CBB+00, CMA+09, DMY+97, FRC+10, FA03, FS02, GAC+02, HAF+15, LKK+95, MDTS08, MES97, MTT07, MYN+96, NKB95, OOG+07, PDDS96, RFB97, STJ+08, SvlL95, SFV+01, SSL98, SSH+11, SRF95, SCM+09, TLP+06, VMGO+09, YA03, YCT+22, YHL+12, vdLCS+11]. Th-Based

[SSH+11, STJ+08]. Th-derived [MSTT07]. Th


Thallwitz [NCL13]. thanatocoenoses [DJC+14]. thanatofacies [RVD+10].

Thaumastosoma [KBK+18]. Thaumeledone [ACPV04]. Their

[JAP+13, SID19, ARNB01, AN05, AN06, ARLA03, ASF+12, BWC+02,
BEJS93, BES95, CV17, CRF04, CMC11, DZL+17, DB97a, DC96, ELP13, FBP+17, FJG+00, FHW06, HNW+08, HCL+22, HTPM14, HAGW+13, HBC+12, HSY08, HZN+16, JKJ+22, JRK+17, KLL03, KxF22, Kla97, KK06, KI08, KRGT04, LC16, LBD+02, LMvDA16, bLHsL+13, LSHB09, LBGW+97, LD07, MC05, MMMC02, NKA+11, NOFP14, OT03, PHOM09, PM10, PWM+01, PSS+16, RSB+17, ROC+21, RT20, RN06, SVJRSON04, SHC+22, SHKW05, SBG+06, VSV+97, WPJW96, XSM+19, ZCG+12, ZHX+13, vHS99].

Themisto [WT12].

Theoretical [BWAS02, CM01].

Theragra [Blo02, CBSS02, HSFN13, LSWH07, SHH13, SSDA13].

There [KGB+11, KVB+09, KVL+19, PHH+16, VAK+09].

Thermal [LP14, MDSA19, MRD+13, SL14b, SBM+13, GBJ+15, HSZS17, LTH05, MSW11, SA14].

Thermochemical [HS96].

Thermocline [YCYK10, BL98, CBF+13, CBF+16, FHP94, LRM07, NBC13, RR10, Sa13].

Thermodynamic [CBB+95, WZW+22].

Thermodynamics [JVL+16, GMM+20, KIY+05].

Thermography [MC07].

Thermohaline [BSM04a, MCM06, ASMH08, BV98, BMS99, KST+99, OGG+20, RR96, SGJ+20, VCRDF99].

Thermophilic [SB98].

Thermophilus [TTD13].

Thermal tolerant [BSH+11].

Thick [TMH+08, WTI+20].

Thick-billed [TMH+08, WTI+20].

Thickening [JS14].

Thermal thickness [DGA+11, FHvFM08, HNW+08, SET+09, SHW+16, WLA11, WSL+11, XAY+11, bsBD+20].

Thin [JCP09, FGF+14, OM14, TMC+14, YLU+14].

Thirty [MLH14, SHR20].

Thirty-year [SHR20].

Thompsoni [KCMT+20, PH17].

Thorium [OPB15, BAH+95, BBA+98, CBB+00, VvdLS11].

Thorium-234 [OPB15, BAH+95, BBA+98].

Three [Ano07d, CWD+10, GWP+98a, KDMH18, LMS15, TMC04, AMK+05, BGIJ+06, Bas19, BTR20, BSJ13, BR+18, CBL+22, CSM13b, CKFC18, CRA+20, CPA+11, DFMW13, GSK02, GGC17, GGC03, GK04, GFPM12, HNN+20, ITMG18, KB99, KGB+14, KCD+17, KUK10, KRHS20, LJC17, LLM+17, MC09, MSH+18, MFM03, NSLAP+17, NRH+20, NCSS+98, PVK+20, RI05, RLM+20, RT20, RNP93, SSK+05, SSK+07, STD+20, VGBGA102, WTS08, YLH+10, vOS+11].

Three-dimensional [CWD+10, GWP+98a, TMC04, Bas19, DFMW13, GSK02, GGC03, KB99, KUK10, YLU+10].

Three-layered [CBL+22].

Threshold [LG03].

Thresholds [EF98, LWM+09].

Through-flow [Jur20].

Throughflow [SPI+03, VGF02, PHS03, TSS+21, SWCB02, WSFB02].

Throughout [CB16, PBNF+16].

Throughput [LEP14].

Thrust [WCK+18].

Thunnus [BFDB17, BSN+15, DABMAMA04, DWM+15, GLCU+17, IABR+17, KHT+20, KOT+20, LCW20, WLN+15, WLT20, ZKSS06].

Thynnus [BFDB17, GLCU+17, IABR+17].

Thysanoessa [FLM10, FPH02, PHS03, TSS+21, SWCB02, WSFB02].

Tidal [DRVVS+14, GOC09, HHH+20, LM01, OGG09, BH+19, DL01, HSHM02, LH06, LCG03, LBB+06, MT96, PRP15, RAR04, RSC+09, SCS+98, TCM+22].
**Torquaratoridae** [ELG⁺²²]. **Total** [HGAB04, LSC02, BL00, CMB12, ER05, FLM10, HP98, HC01, JSP⁺¹⁷, LBM98, PH96, SSV02, SP09, SHW⁺¹⁶, ZQ97]. **tourism** [PJLO⁺¹⁷]. **towed** [BCT21, KCTG16, MT98, PBD⁺⁰²]. **Tower** [RBXM15]. **Toxic** [Ano05a, BFF⁺¹⁰, BK⁺¹⁰, BF⁺¹⁴, DPF⁺¹⁴, KCMA05, KC⁺¹⁰, PTD⁺¹⁴, SAKP⁺²², TMC⁺¹⁴, TMTR14, VB98]. **Toxicity** [WP⁺¹⁴, ACK⁺¹⁴, ER05, FHR⁺¹⁴, GKQ⁺⁰⁵, HTW14, LTH05, MLH14, MAST05]. **toxicological** [HTPM14]. **Toxin** [PKA05, BCL14, DPF⁺¹⁴, ER05, PTD⁺¹⁴, DPF⁺¹⁴, DTP⁺⁰⁵]. **toxins** [dSVC⁺¹⁴, DVC⁺¹⁴, DRR⁺¹⁴, DTP⁺⁰⁵, TDKA05]. **Trace** [CBC02, FJG⁺⁰⁰, Mas⁺⁰¹, PPS⁺¹⁶, TTCD14, WSS⁺⁰⁸, Ano⁹⁹⁺¹⁰, AELP14, BLO⁺¹⁷, CVA⁺¹³, Cha⁺⁰³, CMVS⁺¹⁰, FdBGP11, FBCP01, GJC98, HWS⁺⁰⁷, KWN⁺⁰⁹, LBL08, MBTM97, NSMBN⁺⁰⁷, RVC⁺¹³⁺⁺, SHF⁺⁰⁵, SVD97, TRM⁺¹⁵, VCRDF99, Zon⁺⁰⁷]. **Trace-metal** [FBCP01, SHF⁺⁰⁵]. **traced** [BFM⁺¹⁴]. **tracer** [AIW03, BWD2⁰, BBDL9₈, CAS⁺⁹⁷, CM⁺⁹⁹a, CMB99, CLGM0₅, FS⁺⁰₂, GF⁺⁹⁷, LBM9₈, LWLS9₈, LML⁺⁰¹, LMS⁺⁰⁹, OPB15, PRJW05, PDTD⁺⁰⁸, RKS⁺⁹⁵, RFB⁺⁹⁷, SRF⁺⁰⁹, SE⁺⁹⁵, SLM⁺¹¹, SLW⁺⁹⁸, TOF⁺⁰⁴]. **tracers** [AFM⁺⁹³, AKHR⁺²⁰, CGM⁺⁰⁷, HDVGHM⁺₂, Jen⁺₀³, LNDH⁺₁⁷, MW⁺⁰⁵, SRS⁺¹¹, WMW⁺⁹⁶]. **Tracing** [CRM⁺¹⁶, LKK⁺⁹⁵, WC⁺¹⁶, YBHM0₅, Tho⁺⁹⁷, TPP⁺²⁰, ZL⁺⁰⁸]. **track** [JCP⁺²²]. **tracked** [BTRL⁺⁹⁹, GGC⁺₁⁹, Gr̈u⁺⁰⁹, JDS⁺⁰⁸, MFPL⁺₁⁹]. **Tracking** [EQW⁺¹₃, FG⁺⁰⁷, Gre⁺⁰¹, SL⁺¹¹, Vdp⁺⁰⁶, WH⁺⁰¹⁻, RTC⁺⁰⁷]. **tracks** [RBO⁺⁰⁷, WLD⁺⁰⁷]. **Tradeoffs** [JMP⁺¹₉]. **Trader** [DCS⁺¹₈]. **traditional** [HBB⁺¹³]. **trail** [APT⁺¹¹]. **Trailing** [RHP⁺₁⁵]. **traits** [GJ⁺¹¹, LMG⁺₁⁷, RLB⁺²⁺⁺, RS⁺¹⁵, SHC⁺²⁺²]. **trajectories** [CDDC⁺₀³, ECM⁺⁰⁶, GCR⁺¹⁸, HRT⁺¹₄, PK⁺₁₃, Rfq⁺⁹⁹, RP⁺⁰⁵, STP⁺¹⁶, SGL⁺⁹⁹]. **Trans** [HTT⁺₁⁵, PH⁺¹⁷, NKM⁺²⁺]. **Trans-Atlantic** [HTT⁺₁⁵, PH⁺¹⁷, NKM⁺²⁺]. **transatlantic** [SWL⁺¹⁸]. **transcription** [BBM⁺¹⁸]. **Transsect** [BJ⁺⁰⁶, BMML⁺₀⁶, BAC⁺¹⁵, LOA⁺₁⁵, RHJ⁺₀⁶, RP⁺⁰⁶, RHJLO⁺₉, ABC⁺⁰⁴, BRG⁺¹⁹, CFT⁺⁰⁴, CG⁺⁰⁴, GRW⁺⁰₁, HAF⁺¹⁵, KF⁺⁹⁵, KOM⁺₁⁷, KRI⁺⁹⁵, KTO⁺₂, KHL⁺¹⁷, NGS⁺²⁰, NESB⁺¹⁵, OvdrRa⁺²⁺², OL⁺₁⁵, PDG⁺⁰³, RBP⁺₀⁵, SMC⁺ₐ₀¹, SH⁺⁹⁹, SLB⁺₁₈, SWL⁺¹₈, SS⁺Ù⁺₁⁵, SŽ⁺¹⁹, SIFS⁺₁₀, VK⁺⁹⁹, FCW⁺¹⁵]. **transsects** [CGR⁺₹⁶, HMM⁺₀², JNBJ⁺₁⁷, LAJP⁺₁₃, MPB⁺²⁺, PDA⁺²⁰, SLM⁺₁₅]. **Transfer** [FPHH⁺₀⁹, HKF⁺₀₃, KW⁺₀⁰, MSM⁺⁰₂, NC⁺⁹⁷, AHV⁺⁰⁰, GBP⁺₀⁰, HDJ⁺₀₅, KB⁺₀⁵, PDS⁺¹⁷, RB⁺₀¹₇, RHL⁺²⁺², RdG⁺⁰⁹, RHB⁺⁰⁴, RBX⁺₁⁵, SBH⁺₂₀, TBB⁺³⁺⁰, UW⁺₉₉]. **transform** [PUP⁺₀⁷]. **Transformation** [AG⁺₀², FCADE⁺₀₄, CBB⁺⁹₈, GP⁺₁₆, HH⁺⁹₃, KM⁺₀⁵⁺⁻, Yon⁺₉⁹]. **Transformations** [BSB⁺⁰⁹, HMG⁺₁⁷, HD⁺₁₀, VBF⁺⁰²]. **transformed** [WP⁺¹₅]. **Transience** [GPMS⁺¹₆]. **transient** [RBN⁺⁰⁸, TOF⁺⁰⁴]. **transit** [WZL⁺¹₆, CP⁺¹₈, RKB⁺₁₈]. **Transition** [HAC⁺¹⁴, AMJR⁺₁⁹, BCL⁺₁₂, DNM⁺⁺₁₆, HiI⁺¹⁹, HiI⁺²⁰, LWA⁺¹₉, LTW⁺¹¹, MNG⁺¹₁, MM⁺¹₄, SvdMC⁺¹₆, SMP⁺¹⁺, TT⁺₀₁, UWvdE⁺₁⁶, VMF⁺¹⁶, WSE⁺¹⁶]. **transitional**
transmission [GOH+15]. transmissions [SWC+02].
transparent [LPA+95, PA95]. Transport
[Ano06f, AGP05, BTS+08, HYK+02, JPC06, dJMTGG11, MBC+20, RPS+11,
RGL+06a, SRN02, SS99a, THJ+05, TCJ+11, AAG06. AGS+02, AKK+17,
BBB94, BC03, BH99a, CMG+12, CHN+18, Cra05, CMPB18, DCN+02,
DHS+09, EGG+05, FKW01, GGLP02, GAC+02, GH+O+13, HWP+11,
HGMA+02, HS05a, HP08, HTM+03, HK19, HZ19, JKN+05, JC03, JZ01,
JCM+13, JMSW05, KCMA05, KM98, KFHR05, KLM13, LLL+06, LMS09,
LC01, LiV95, MBW+03, MRS01, MSB+03, MTWH04, NS93, NPF+09, PFC19,
PHDK11, RSC07, SMS01, SSLP95, SHD+14, SHB02, SF99, SWC+02, SDK+16,
STS+02, TP99, TdFAL19, TP96, VCDAL14, VPSL15, VGF02, WGFS03,
WHL+97, WDD+22, WCH05, WOU06, You99, ZTZ09, Zim09, ZB00,
dMCNC99, dSJB+11]. transport-retention [ZTZ09].
transported [SSP+09]. transports [CMC11, CSCP13, MMS+02, PA95]
transport-derived [HLG+21].
Trapped [JR15]. Trapping [SFV+01].
trawl [ARB+13]. Trawling [GIPLL+14, MPPR14, AFC+17, DGN+17].
Trawling-induced [MPPR14]. trawls [DTTW17, DTW21, SL12]. treated [Joh19].
trees [Sig17].
Trench [JLL+13, JSWB21, LMLJ18, LAT+18, Mun16, SLB18, SWL+18, SNIT02,
Aa15, BPPJ15, BCNS15, BSCE15, BEM+15, BFB+18, CFK+18,
CAB+15, CBMM+15, DAB+18, DJ15, FMZ15, FEB+15, Gol15, GC15,
Km15, KWPB15, KBR18, KKP15, LMLJ18, LMS15, LVP15, LS18, MA15,
MA18a, MA18b, MB15, Mun14, RKB18, SA15a, SA18, SA15b, SC15,
VV04a].
trenches [CW18, XGF18]. trend [DVC+12, IIM+09, Kx22, WP17].
Trends [DCF+18, KKSM12, PBO+11, SWB+09, AGAB19, ATME09,
AL+13, BFSK08, BMRP02, BFML+08, BD06, BSR08, CTW+15, Cm18,
CPF+14, CG04, DB05, EEAA+19, GLCP12, HC15, HALV18, KSBK01,
KL13, KL+19, LSdC+10, PL+10, PdbK+03, RGGF02, SIS+02, SM03,
SL12, TGK+11, TRF+97, TPK+20, VZ+19, VCG+20, VHC+17]. trials
[SS13b]. tribute [Ano18, BCD+09, BD+04, Goe02, Row13, SL15a, SLM98].
Trichodesmium [HSM+01b, KDG+97, OLG+01, SBH+01]. tricuspus
[GB+17]. tridactyla [VM13]. Trieste [KL+19]. trigger [KK19].
triggered [EEAC+20]. Tripos [ADE22]. triterpenes [MRP+17]. Triticella
[GC15]. tritium [JLL+15]. TRMM [HZ10]. Trophic
[BSKD+07, CHV+15, CDB+16, DYE+08, DSO+00, DTP+05, FTV04,
KBKW13, MSJS08, NCS013, ODR+09, PGFP+08, PKZ+19, SKL+22,
TDKA05, BLW05, BRD+18, Car10, CHH+21, CCM+20, CMC13, DMJ93,
DKP⁺₁⁷, FLLGR04, HPS⁺₁¹, IHPA16, JTW00, JCF⁺₀⁶b, KCZ⁺₁⁹, KWPB15, KME18, KKKU10, LMKL09, LSGM02, LHJZ13, LL13, LGP⁺₁⁵, MMD17, OYK15, OKY⁺₁⁷, PYPN15, RHL⁺₂², RDW⁺₁₂, TR02, TSW⁺₁₂, TBB⁺₁⁴, TSS⁺₁⁹, WBD17, ZTZB09]. **Trophicodynamic**

[CGPM13, WPLN96]. **Trophodynamics**

[KYJK16, MD14, MD17, HFK⁺₀², LPL⁺₂⁰, RSW⁺₁₃, YHC⁺₁⁵]. **Tropical**

[AKBD13, CFV⁺₁⁸, CM03, FDC⁺¹⁸, GSDAMNN04, LS18, MV19, MHA⁺₁⁵, PHD⁺₁⁸, SBN⁺₁⁵, ADV⁺₀¹, ACG19, AMN⁺₀²b, BHS⁺₁⁹, BTR20, BG10, BFB⁺₁⁸, CBS⁺₉⁶, CVM⁺₀¹a, CVM⁺₀¹b, CHSVB⁺₁⁹, DLR⁺₀¹, DW15a, DABMA04, FM03b, GKH⁺₀⁷, GMM⁺₂⁰, GKB⁺₁⁸, GLMB18, Har96, HAH⁺₀¹, HC15, HSMK04, HAM⁺₁⁵, JZ03, Joh96, KxV22, KEPC93, KDSR19, LK02, LRM07, MCF15, MCS⁺₀², MCS⁺₀³, MF09, NDD⁺₁⁴, OLP⁺₂⁰, PSE⁺₉₃, PP20, RR96, RBMY02, RF99, SSMC10, SSJ⁺₂², SS09b, SPD⁺₁¹, SLB⁺₁⁵, SMM⁺₀⁶, JMP⁺₁⁹, SIJ19, TRB⁺₁⁹, ZWZ⁺₉⁵, WMC06, WWC⁺₁⁵, WSLC15, YKS⁺₁⁹, ZDWR95, MR07].

**tropical-subtropical** [CHSVB⁺₁⁹]. **tropicalization** [PPYN15]. **tropics** [NGS⁺₂⁰]. **Troposphere** [LCW⁺₀⁷, ACV⁺₀¹]. **trossulus**

[BCB⁺₁⁸, BMB⁺₁⁸]. **Trough** [VPSL15, CCC⁺₀³, DFA⁺₂⁰, IOK03, iTT⁺₁⁵, KLO3, KW03, Tan03, VT09, YA03, YKS03]. **trot** [WWB04]. **true**

[GRC⁺₀³]. **truthing** [NKE11]. **tsunami** [WA02]. **Tsushima**

[NSH⁺₁⁰, SJL05, THJ⁺₁⁰]. **Tsushima/Korean** [SJL05]. **tube**

[BTM⁺₉⁸, DSD12]. **tube-dwelling** [DSD12]. **tubeworm**

[BPR⁺₁⁰, FR10, NLSL09, ZJFV15]. **tubeworm-associated** [FR10].

**tubular** [LCK⁺₁⁸]. **tuna** [AKK⁺₁⁷, ADK⁺₁⁵, BFDB17, BSN⁺₁⁵, DABMA04, DWM⁺₁⁵, EMEP18, EPHE18, GLCU⁺₁⁷, HHMF11, IABR⁺₁⁷, KHT⁺₂⁰, KOT⁺₂⁰, LCW20, LSNH15, LPL⁺₂⁰, LMLC⁺₁⁷, LGP⁺₁⁵, LFKF⁺₁⁷, MCF15, MGG⁺₁⁷, NDD⁺₁⁴, OLP⁺₂⁰, PYPN15, PHE⁺₁⁸, RSB⁺₁⁷, SLHS20, JMP⁺₁⁹, WAN⁺₁⁵, WLT20, YHC⁺₁¹]. **tunas**

[DKP⁺₁⁷, LH15]. **tunicate** [PH17]. **tunicates** [LO03, PDH⁺₁¹]. **Turbidity**

[VCK09, GNG⁺₂², HTM⁺₀³, SXT⁺₁⁷]. **Turbulence** [HLN09, LPJ⁺₁⁹, An05e, BU05, IAA96, LYL22, LM19, MB05, P19, SS05a, SS05b, TC06].

**turbulent** [BLS⁺₀³, BMG⁺₁⁷, DSVR⁺₁⁸, EWG94, Fer06, KIS02, MLP⁺₁⁰, MW05a, Uml05]. **turnover** [AT10, SMM⁺₀⁶, ZSB01, ZFA⁺₀²]. **turrids**

[BLS09]. **turtle** [ECM⁺₀⁶, WNHF⁺₁⁵]. **turtles** [DMC⁺₁⁷, PUB⁺₀⁶].

**TUSCH** [TTU01]. **Twilight**

[JDD⁺₁⁷, DJS⁺₀⁸, LBV⁺₀⁸, SBL⁺₀⁷, WLP⁺₀⁹, LAC⁺₀⁹]. **Two**

[AS01b, AHVB⁺₁⁷, BV04, B04, Cle13, HSC⁺₀⁷, IUdV⁺₁₂, LBJ⁺₁³, PRB⁺₁₁, RPS⁺₁¹, ACD⁺₁⁷, ACR⁺₂⁰, AMV⁺₀⁹, BWD20, BSE15, BF⁺₁⁰, CRPN06, CC15, CP18b, CMAO⁺₁₂, CL15, CM00, CBW01, CW09, CGD⁺₁⁵, DTW01, DTW21, DP02, DRV⁺₁⁴, DCL⁺₂¹, DAGK⁺₁⁷, Dv06, DDB⁺₉⁷, DBH⁺₂⁰, FM03b, FMFW07, FARLR⁺₁³, GTSCO8, Gol15, GM22, GFV07, HB⁺₁⁴, HMC09, HKO⁺₁⁷, JWS01, KMB11, KHT⁺₂⁰, LPDR⁺₁⁴, LGO08, LPS14, Mall15, MFB18, MG22, MCB⁺₁⁵, MOB07, OKH⁺₂², PP93, PWF03, PCY⁺₁³, RLB⁺₁⁸a, RAT⁺₁³, RMD⁺₁², RSP⁺₉⁹, SZM10, SAG⁺₁₀,
unsteady [LS04]. Unstructured [TFP+16]. Unusual [Hec94, ULH+21].
Unusually [DFJ18, LJHAA19, LRN+14, HH20, MBB+02]. unvarying
[DN97]. update [MDC+10]. Updated [TCM+22, WSB13]. upon
[BSN+15, HS93, WR99]. Upper
[BBA+98, BBA+01, CSP05, CKH+08, FK98, HBK+98, LTY+03, MWW+05,
MPHF02, SGJ+20, ASM02, ARF+13, BFT+97, CD95, CCM15, DGP20,
DMW+07, DGN96, DLF+09b, DKI+00, DI00, DGB+98, DEK+08, ERR97,
FWR+02, GSM+20, HBR11, HLNO96, KWF+19, KMSM11, KsF22, KSB+03,
KLKB95, LJBF00, LHX+22, LSC02, LN01, LKK+95, MLS01, MBB+02,
MV01, MNR+11, MNPT06, MC13, NL11, NRM+99, OPB15, PLR22,
PAR+08, PBGCD+13, PFW+09, PBN10, PSWF19, PNC+06, RPB02,
RMC+93, RBS+17b, SSSC19, ST13, SDLZ13, TBB+14, TWC+07, WFR+02,
WWH97, WF99, WGG98, WTSP07, Zon97, SKC99]. upper-layer
[DK1+00, DI00]. Upper-ocean
[CSP05, HBK+98, LTY+03, DMW+07, DLF+09b, FWR+02, KsF22, LJBF00,
MNR+11, MNPT06, NL11, RBS+17b, WFR+02, WF99]. Upslope [Zim09].
Uptake [DJR+01, GGO+14, BNNO9, BDN03, BOP95, CHM+17, COI+09,
CB01, DRBM97, FBN00, HTA+17, JHS+17, KIIW03, KNB11, KNC+09,
LJL+17, LSS+07, NSH+11, PWD+11, RWR+02, RWJ06, RGS+97, RCF+16,
RN96, SH99c, SYS05, TLK07, TWPP07, WP0+07, WCY05, WNN+02,
WWW+02, ZHB+07]. Upward [GHD+18, HVBO08]. upward-looking
[HVBO08]. upwelled [HKM00, MMHB98, VLK06, WLD+06]. Upwelling
[FM+02, RN06, AST+05, ADBU18, BN97, BPS00, BGWF08, BLD+06,
BFF+10, BBV00, CCG04, CDP+02, CSW+18, CB00b, CDJM04, DH97,
DDL06, DVC+12, DRVVS+14, DWW+02, DBC+02, DHWM06, DDB+97,
EDF+04, EH909, FGO04, FWR+02, Fon96, GWL+15, GBP00, HCL+22,
HEV+10, HZK04, HS93, JPC09, KC03, KKK+17, KGB06, LWDH06,
LPM+19, LPK14, MA+04, MAA+05, MKVT+04, NHH+10, OGI11, OCP18,
OC00, PCT18, PBS06, PWD+11, PPL+19, PLHA06, RHI00, RAL04,
RGL+06a, RMK+14, SGD+14a, SCG09, SRC09, SZH+04, SPF10, SS05,
SMB00, SBB06, SBP+14, SVS+20, SCPP05, STS11, Tnh98, VSGPR14,
WMB+08, vGTG+00, vRPD+18]. upwelling-influenced [DRVVS+14].
Urania [ABG+20]. Uranium [AF93]. Uranium-series [AFM93]. urchin
[BSH+11, GPLL+14]. urchins [BVL04, PP13, PL04, SLS17]. urea
[CHG15, TLK07]. Urira [KMO8, WTI+20]. urine [DRR+14]. urinus
[CR+08]. Uruguay [RDdL+13]. Uruguayan [RSCFT+16, RSCFT+13].
US-GEOTRACES [SML15]. USA
[ASBM02, TBA+02, BMH05, BR14, BWH+17, DDL06, DLKP14, FPS10,
GKQ+05, LLK05, MB+02, MC18a, PCF+18, SSV02, WKM+07a]. Use
[NLY+13, Thi01, AWL+09, AD08, BFB17, BCN+17, BLS+07, BCF+04,
CLQ+18, CWE+17, DHS+14, FGB10, GAC+02, HWN+04, HCRX16,
HON+13, Joh19, KMO5a, KI18, MPF+17, OMAA18, PHE+18, PNV13,
RG13, RCM+17, SGD+14a, SID19, SVJ+08, SFH+18, SCGB18, SSB+06,
SBG+06, TMH+08, VMGO+09, XSL+17, YZ00]. used
[DTWW17, DTWW21, KBR18, OSM+20]. USGT10 [BAC+15]. USGT11 [BAC+15]. Using [CWEHT22, LNDH+17, MBP+20, MCH+13, PDA+17, PLA+17, RLB+18a, SH11b, TCEW07, ZKSS06, ZRG16, ADBW16, ABEl+11, AKK+05, ADGA01, AGP05, ADG+08, AMK+05, BES11, BBDB07, BCT21, BDL+14, BBT+18, Car01, CC15, CM99a, COJ+09, CLGM05, CG18, CKH+08, CWD+10, DGP20, DGMS96, DBMI17, DBBWH20, ESK06, EP18, FA03, Fre13, GBC+13, GDL22, GdRGLS04, GGP+14, HSO04, HSM+01a, HPH+16, HSR+22, HBM+07, HVBO08, IS07, IFFGL+04, Jac95a, JAD95, JBR+18, JDL+12, JMM+13, KTP+20a, KTP+20b, KOM17, KG20, KKUK10, KYW20, Ki09, KKD06, LLB+00, LPW+09, LPV13, LCL+22, LL13, MZD+11, MGF+20, MRE+11, MZD+11, MW01b, Mit96, MYN+96, NMW+09, NDE14, OM16, OPBY10, PCDM11, Pas18, PBB+10, PHD+18, PFW+09, PDB+16, PSP+09, PCB+17, PR05, PFAZL09, RD97, RAL+01, SMY+98, SLS+07, SP19a].

Using [SYS05, SJL05, SSR96, STP+16, SMA01, SHY+08, SMSA05, SL11, SCSMT20, SS+06, Th05, TVLB08, TMGLM19, TPP+20, VGD14, WH01b, WDFK+22, WLT20, XMM+02].

Valdez [ALHP18, EBM+18, LMH+18, NM18, RP18].

Validation [CFZ+18, GSC03, HKMS03, PDB+16, SABP+16, YIH+12].

Validation [BWD20, SLC+15].

Valleyni [HA10].

Valley [FR10].

Valleys [SBDB09].

Utility [RAK97].

Utility [SHS+12].

Utilization [MP99, EHK+20, KBLA97, KSBK01, Kem94, MJW+06, MBL+15, MQACB08, RLP+98, RTI+16, SMB+93].

UV [CWWB04, OCB+04].

V

[BH03, EBG+11, Ki09, PBO+11, PDBH03, CP22, CPM+18, RAB+17, Ste13].

Vagrant [OCG+09].

Vallenti [HA10].

Valleyn [FR10].

Valleys [SBDB09].

Values [FRBB13, RG13, JMP+19].

Vancouver [DGN+17, HVW+09, PDD+09, SMLP04].

Vaporization [GDY04].

Variability [CCC+03, RMC+93].

Variability [ABD+13, BCBF03, CSM+13a, CFT+04, CMAO+12, DL04, ESWL20, EBDBL08, FWG+97, HLZY10, HD07, KRV+06, LKL+13, LWCO05, LRM+02, LSA14, LRM07, MDH+98, MZH+10, MHPS19, MJG+13, MBW+08, MHVM+08, RCW+15, SYT+10, SS10, SKSW02, TPGCCS+02, TMTR14, TPWP07, VPWS15, WF99, WWS02, Yu03, ZDBG05, AMJR19, AML+19, ALHP18, AISR+16, AR02, AGGdC14, dSVC+14, ACK+14, Ano95b, Ano96g, AMH+01, ATS+96, ALR+14, ACG19, ALT+13, AG07, AL13, BCBB12, BG08, BF+18, BL99, BLSW05, BB09, BMK96, Bat01, BRD+18, BDWG02, BEC+96, BB98, BO06, BSM01b, BMD06, BCS09, BRL+03, BL03, BY04, BHSJ16, BDR+03, BT04, BT03, BWC+02, CCG04, CBBMJ12, CCP+18, CHPF10, CBS+96, ILC007, CG07, CCS+16, CWS05, CVM+01a, CM03, CMR+18, CPS05, CMW+08, CRR01, CKH+08, CMJ+18, CS19, DSB+18].

Variability [DS21, DKN+04, DKN+97, DC00, DDL06, DRVVS+14, DMS+98].
BCM02, BHHM+12, CD95, CLC+03, CLL+03, CGR+96, CSS+02, DW15a, DEJ08, DN97, DHM+22, DSG+09b, DFK+06, DO96, EHL02, EGL+16, FBL+98, FGW02, FDM+97, HP98, HLL+10, HMW00, HK01, He02, HPY+15, HBC+12, HF21, Ike03, IKR+12, IPTH03, JRG+22, JZX10, KL03, KS10, LBD+02, LT16, LDWK96, bLHsl+13, LH07, LZZ+16, MZD+11, MT15, MC02, MBMM+99, MDT80, MV99, MSC+19, MCJ+99, MPS+03, NI10, NOFP14, OENB01, PDA+20, PVK+20, PG07, PDA+17, PLA+17, PRB+11, RRMM05, RAR04, RP05, SSI+99, SVR+00, SVY04, SF04, SFV08, SBD+97, SSP+06, SB19, SGP+11, TS93, TWC+07, TNIW02, VLP+17, WFA+95, WMM02, YOK+10, ZDWR95, ZHY+13, ZLW+19, vRPD+18]. Varied [MKW11]. vary [BvGH+17, WAN+15]. varying [BN05, Blu93, BMH+94, Dal04, DBS98, HPS+13, HSFN13, LK98]. vascular [YERT13]. vast [RMPI+17]. Vaughan [WF13]. vectors [Ark13]. veering [NR00]. Vehicle [MCH+13, CSW+18, DDBWH20, HSM11, KI18, LAJP13, MRE+11]. vehicles [KR11]. velocities [BB03, ESA+09, RN06, SJ00, SS13b, XA09]. velocity [APLW09, Fre13, Har96, HVBO08, LPW+09, RPS+11, SWCB02, SCM+09, TS013, VT09, WLP+09]. VEMA [BBT+18, BFB+18, CP18b, DAB+18, GLMB18, LS18, RKB18, SLB18, SWL+18, ZV13]. Vema-TRANSIT [CP18b, RKB18]. veneficum [DLG+14]. Venezuela [MTMK+13]. vent [CSE+22, GFS15, HSZS17, KB15, KEA+17, LDSV98, MG22, MCB+15, MTDK98, MMM+13, Phi17, PFFS17, SBM+13, Sot09, ULH+21, ZJFV15]. ventilation [CMAO+12, MW05b, PRJW05, PGK15, PRB+11, SvdLM95, THJ+17, YCYK10, vCHM18]. venting [Bak98, BT15, MS18]. vents [BBG15, EMV09, KCD+17, KM98, MTB09, MCH+13, MMG98, NCK+22, OGA+15, PRL+09, RDR+09, SFV+98, TTD13, VB98]. Verification [ZDO19]. Vernal [BLdM+02, LMDW06, OT10]. versus [BTUV08, FHW06, RLP+98, SHF+95, TSWJ12]. vertebrate [FG07]. vertebrates [Pon07]. VERTical [BTS+08, AAMF+02, AKH+02, Bla94, CW15, FPLB+08, FG+14, Fre13, FSGV+09, GGTGM+10, HA10, Har96, ISB+11, JYM+15, KMKA20, KOT+20, LCR+96, MDT511b, NAB+02, NED09, OB22b, PHS03, RRWR08, RWR08, SSDA13, SMG02, SMG03, SHY+08, SSS08, SP+08, TR02, TS010, TKP+20, Uys06, WZZ+19, WLZ+19, WAN+15, Wit00, YMC+22, YSHS08, AVS+20, ASF02, BFDB17, BFL00, BASIK04, CD95, CLC+20, CSP05, CDH+00, CM02, CP05, DPS+14, DSvR+18, DB02, FGI+A3a, GGF+08, GMK+08, GSGS01, HCBP97, HH01, HH93, HHD+09, KFF+94, KL03, KH01, Lat04, LML+01, LSM+06b, LS10, LYL22, LOFC00, MMY+20, MR01, MPH+05, MLP+10, MNN10, MDM+13, MBK97, MBM+00, Mun14, Mun16, MSBS01, NMC+07, PFDG08, PWMC01, PFW+09, PTD+14, PBN01, PC98, PVT+21, RA98, RMA+20, RNP93, RN06, SZV+19, SGM+02]. vertical [SAM96, TRH+08, TPW07, TBT05, Uml05, WDD+22, WAL+11, WW04b, YOK+10, YTF02, YXC+19, YO96, ZD04, TBB+08]. Vertically
Vertigo [SS13b]. Vertebrata [TBB+08, EBB+08, BGS+08, BL08, BTS+08, LBL08].


Vertigastropoda [FHK+18]. V [DZ08, VMF+16]. Via [AGN+02, BEB+13, CHN+18, GLK+06a, SVS+18, SDLZ+13, WJS+10].

Viability [VCM+14]. Viable [CLT+94, TIS+13]. Vicinity [BJK+22, DHST+13, FWP+07, FSK+02, FPGH02, GFM+02, HKN+04, HPM+02, KRS+11, LTW+22, LPSS+03, MAN+20, MiSW+08, MPTW+11, NGM+05, PC+08, PSF+07, RT+20, RHZ+03, SLMP+07, SLB+3b, TS+03, VTD+20, VHT+20, ZPP+04, ZHB+07]. Victoria [LCVV+06, MCCM+98].

Video [ADGA+01, BDW+96, BWS+98, BL06, DGM+96, SHY+08, BBS+20, CG+19, DFM+13, DDB+17, LJP+13, MMY+20, Mah+16, NKE+11, NDE+14, SBS+08, TGU+06, AGP+05, ADG+08]. Video-recorded [DFMW+13].


Vietnamese [TAMTC+13]. View [Ano+06c, BW+14, PPRL+02, PGC+11, RPH+06, RGL+06b, STM+04a, STM+04b].

Viewing [STM+04a, STM+04b]. Views [STM+04a, STM+04b, CB+09a, TSWJ+12].

Vigor [ROBV+18]. Village [Col+16]. Volvus [AS+16, LSWH+07, DCR+09].

Viral [BFML+08, GBG+02, MNB+02, DCL+17, JBS+98]. Virally [BTU+08]. Virion [HCL+22]. Viroplankton [BTU+08]. Virus [WTZ+02, HKN+09, MNB+02]. Viruses [Kdc+10, Pvk+18].


Vol [PNL+02, PNL+03]. Volatile [ABC+04]. Volcanic [MCD+98, GSB+03, IAC+03, RVC+13b, SKS+16, WH+98].

Volcanism [DLH+11]. Volcano [CSE+22, MC+22, MTB+09, MS+18, BEZ+22, IAC+03, KB+11, MWW+18, PPR+20a].

Volcanoes [CDS+15, GPB+07, TTD+13].

Volume [AS+01b, Ano+95g, DCN+02, DB+16, GSF+20, HS+13, HB+19, LLK+16, LS+1b, PNL+02, VNA+16, VCG+20, Ano+96c, Ano+97b, Ano+01b, BC+03, BKY+17, DGA+11, FL+04, GSF+19, GHS+09, Har+11, HWP+11, Hol+96, HV+19, HBG+20, HBG+22, JCO+3, KRO+5, OBH+19, SSV+02, SD+08, WMS+96, YZ+00]. Voracious [MBH+96]. Vortical [Hol+06]. Vorticity [OVD+13].

Voyages [TBB+08]. Vs [Ch+02, Che+03, ETP+16, HCD+09, FP+02, SBR+07, VCM+14]. Vth [HBB+03, PS+03, HB+03]. Vulnerability [BJF+16, LFKF+17, DTR+09].

Vulnerable [AH+17, DWG+15, FPB+14, VGD+14].

W [Goe+02, MBW+09, PWD+11, AF+01, BK+96a, BPD+11, BKS+06, BSL+08, BZ+VH+00, BSL+1b, BBA+01, BBD+03, CMT+93, CGR+96, CWT+03, DUR+03, DM+93, DJR+01, DNA+97, FDM+97, FG+97, GGG+93, HMM+00, ILW+03, ILW+08, ILW+16, ILW+20].

W [Goe+02, MBW+09, PWD+11, AF+01, BK+96a, BPD+11, BKS+06, BSL+08, BZ+VH+00, BSL+1b, BBA+01, BBD+03, CMT+93, CGR+96, CWT+03, DUR+03, DM+93, DJR+01, DNA+97, FDM+97, FG+97, GGG+93, HMM+00, ILW+03, ILW+08, ILW+16, ILW+20].
IF95, JPM99, KF95, KR95, KRB95, KEPO73, LKC96, LSB+02, LBB95, LDFS93, LFHM97, LMK+95, MH93, MGBN96, MAB+01, MGC+01, NPF+09, PWD+11, PH96, Pfa93, PG14, PDB+20, RWL+93, RW95, RDG+95, SLT+11, TCG+11, VSSN96, VPS97, WZW+95, ZBvH+00, ZSB01. 

W-140° [PWD+11]. Wadleigh [Ano06a]. Waisiouncha [BRAL+20]. wake [THJ+05]. Wales [OG11]. walled [HdVGHM02, ZB00, dSG09a]. Walleye [WNN+22, BCBB12, Blo02, BOKA16, CBSS02, DABF+16, EZB+20, GEP+16, GFB21, HPH+16, MZH16, PHH+16, SHN+07, SHM13, SNS+16, SDAH+12, SSDA13, SCD+22, SHPM14]. walls [PZL+09]. walrus [HNB+13, YBC+17]. walruses [KR07]. Walter [BL05]. Walters [DNR20, MGT+20]. wane [BCBF03]. Ward [Eif05]. warfare [BSSE16, KSDE16]. Warm [NSH+10, ASF+16, BSG+11, Bre93, DGR19, Dri09, FM03a, FWA16, GOGCDB18, HHX+10, IIM+09, KNG02, KIY+05, KHL+17, LJHAA19, LBD+02, LZC+16, MFFM03, MST+14, OWW+12, ROC+21, RSC07, RYT01, SYT+10, SSK+05, SSK+07, SKM+12, SKW07, SNK07, TNG+15, ZDBG05, BLG15]. warm- [SKW07]. warm-core [BSG+11, FM03a, MFFM03, RYT01, TNG+15]. warm/fresh [IIM+09]. 

Warming [FHR+11, AHV+17, CSS+22a. DAA+20, EHK+20, FMC+20, GBJ+15, HNW+08, HK19, HV03, KCL20, MAH+12, SBS+18, SBS07]. Was [Qua97, OUJ+19]. Washington [PCF+18, SMLP04]. washingtonia [TMBTS09]. wastes [KB95]. wasting [CRD+17]. Water [AKB13, ACSG15, ADAM02, BCI02, BFA+11, BSZ99, BRW95, Cor10, DSK+13, DFF02, DKS11, DFK+06, EPPR09, GZH22, GMS+02]. GLDCA+06, GCR+02, HF01, JSBC15, JTDG13, KQ02, KD13, KHB+04, LKD+15, LGQ99, LBD+03, MBT97, NRBO+05, OW13, PHOM09, PNN+94, QNL+16, RAF+11, SC10, SH99b, SMB02, SP19b, SRF09b, SK02, TGLN93, VPK+19, You99, You10, YCYK10, ZGFF22, Ala13, ACPV04, AAG19, AHV+17, AL13, B05, CBBC12, BOC18, BMP+09, BSK+97, BCBF03, BCN+17, BM17, BPT10, BFT+97, BDL+14, BW99a, BRW00, BY04, BL04, BB+11a, BSSE16, BAKF03, BR14, BWH+17, BBW+15, BAC+02, BLSS10, BT15, CP13, CBC09, CB16, CPF+14, CFT+04, CMFAO+12, CMBP04, CA06b, CBYF+06, CYAYT06, CMA+09, Cok16, CCM15, CJ19, CKS05, CRM+16, CJF+12, CMB02, CMVS+10, CG15, CNM17, CP05]. water [CPEN08, Cra05, CAGLV+06, Cri95, CMPB18, DMS+10, DCC+17, DLG+14, DEL+17, Dau18, DGT+17a, DRRBC16, DC12, DSO+97, Di 10, DBG+98, ETP+16, EWF+14, ESL+10, EP18, EMW+08, FBP+17, FHR+11, FDP+14, FCA04, FGH+13b, FKH13, FA02, GRS00, GDYW02, G08, GPSC+17, GP16, GQ09, GGH+04, GGO+14, GRSW00, Gre08, GC18, GOC09, GSK96, HKR+01, HSS+18, HHH+15, HDD+11, HDF+01, HKSV11, HKW+14, Hen19, HMLS+06, HZK+05, HYK+02, HAP03, HHH+22, HLNO96, HSY08, HFP94, HSD04, HWS+07, HMKS04, HCRX16, HHR+08, HSK+08, IBD10, ILM+09, JB01, JKB04, JBJ17, JCP+22, JASS02, KM05b, KWF+19, KNK15, KCTG16, KDMH18, KSH12, KBSS93, KS10, KMTL06, KFS+10, KLF6c, KBFH14.
KHL+17, LMM+17, LG09, LPdR+14, Las93, LDBvdB17, LMA08, LDBS+17, LZC+16, LWC05, LHZ+16, LLM+17, Lin04, LGR+14, LSC02, LM96]. **water** [LPM+15, LAT+18, MWS+15, MTR+10, MRB+14, Mar18, MMS+16, Mar13, Mar19, Mas01, MA05, MDM+13, MFN+02, MKB+10, MBD+17, MSV+17, MGC+14, MKH+05, MTM+13, MBMGK08, MST+14, MSA+14, NGS+20, NSK96, NOFP14, NFD+02, NRS14, OHK+02, OACA19, OM02, OGG09, OGG+20, Pap05a, PBG07, PL04, Pec97, PFW+09, PPRHLF02, PWP+05, PMM+16, PNL+19, PE17, PFC09, PSE+93, PFG+03, PLS+03, PGK15, PFAZL09, RRL+14, RSR+19, RVC+13a, RLVF02, RTC06, RTFB09, RMCA06, ROC+21, RKHK+11, RGHN+97, RG03, RS15, RSC07, RVD+10, RKS+95, RYT01, SLC+20, SGPD+14, SSWM18, SHB02, SvdLM95, SSUB15, SF04, SSL98, SFG98, SKd+14, SHFM01, SBM+13, SHM+07, SBA+20, SABP+16, SKGD14, SSR+14, SSC+00, Ste13, SDGH14, SBS+02, SLB+16, SGP+11, SKM+14b, SAL95, TRM+07, TGRB02, TGA+09, TAC+17, TH99, TMTR14, VVTM97]. **water** [VK04, VKM13, VSR+10, VFFM13, VM01, VCO+15, WHL+97, WTS08, WFA+95, WCL+15a, WST15, WWH97, WF99, WGST08, WSFB02, WC97, YNG+16, YKS+19, YBR17, YC07B06, YLBdR03, ZWK+15, Zon97, vBBR+08, ADS+02, ACH02, BCI02, BBR+96, BLB+02, BLdM+02, BG11, FS05, GHM02, HdvGHM02, HWM02, HFK14, HD02, IBB+02, JCF+06a, HK02, KKH+02, KLM+02, KL13, LB93, LLM+02, MLG+02, MNBO2, MYE+02, OHK+02, PG97, RFF+02, SSH+02, SRF09b, Spa99, SGL99, TGF02]. **water-based** [PFAZL09].

**Water-column**

[ADAM02, DFK+06, BT15, CPEN08, GQ09, RTC06, RTFB09].

**water-leaving** [BY04]. **Water-mass** [KHB+04, YCYK10, KM05b].

**water-sediment** [RGHN+97]. **watercolumn** [BCWT00]. **Watermass** [PPB+22, SGA+15].

**Waters**

[SJA+07, WWcW+15, ATD+11, ABG+20, ATJ05, Ake19, ADBU18, ACV+01, ABK06, AL14, ASH+11, AHK99, BDB97, BTP+18, BCM02, BPF+03, BD02, BSSK+08, BPBJ13, BP+15, BMK09, BL01b, BB13, CBG02, CHM+17, CKFC18, CMW+05, CFS+16, CKH+08, CVdE99, DMC+17, DWH98, DCD+14, DLW+17, DKJ13, DSJ+11, FPLB+08, FCG18, Fig02, GBG15, GGM+16, GVD+97, GF97, GBVG+02, GZZC10, Had11, HWTP07, HSO04, HA03, HM06, HKM00, HLS+02, HYMD11, HHHK+04, HHHK+04, IK+12, IPL03, JRG+22, JCM+13, KAI21, KL06, KMSM11, KL06b, KR95, KSF+06, KMA+18, KN97, KTF+19, KTP+05b, LA+14, LPA+17, LAB+17, LSS+11, LIL+12, LGO98, LZC+16, LLG+16, LRM+02, LCR+96, LG13, LSM96, MN10, MRM14, MMHB98, Mar18, MLS01, MCM+14, MAF+16, MV09, MV01, MBS+13, MTD+18, Met09, MYL+98, MDGF01, NSK96, NCR+08].

**waters** [NB04, NMC+07, OA11, OW09, PWW15, PW15, PRC+09, Pap05b, PVR18, PAVGBG02, PHS+11b, Pm93, PJ99, PG+03, PdBK+03, PRB+11, RAT+13, RBW16, RSGF02, SMLP04, SWR+95, SCM+02, SMM+93, SSP14, SLD93, SSV02, SSH03, SPEP18, SGA97, SBN+15, SVKT20, SGD14b, SSJ+22, SAM96, SLDZ13, SB05, TAMTC+13, TMH+08, TAB+02, TB98,
TLR+00, TLP+12, TS10, TRHA01, TDC08, TNBL95, TWPP07, VLK06, VSM17, VMB17, VMGO+09, VPS97, WKM+07a, WCY05, WS11, WCB98, WYW+02, YCN+10, YHC+11, ZHD+08, ZWM12, ZWK+15, ZDA+16, ZRG16, dLC+14, dSSB+01, vdLCS+11, LSGM02, WKLM15]. wave [BOHW22, ERR97, Hen19, JMW+20, Job96, KWT+16, MS06b, Pal19, Pap05b, PP20, SHA04, SBB+05, SFD04, WDFK+22, Web19, WCK+18, WP17]. wave-current [PP20]. wave-induced [KWT+16, WDFK+22, Web19]. wave-planed [WCK+18]. waveguide [LKGO4]. Waves [CK10, ASM06, BSS+02, BVGE+06, CW22, CIMT19, CH19, DBG+16, GKO4, Hen19, HGM+11, Hol06, KVPK20, LH06, MV19, Pap05a, San13, SVKT20, SPD+11, WCI22]. Wax [PTWM12]. way [ASO2a]. WE92 [SSK+07, SSR+05]. Weather [BG+08, PG14, RBH+20]. web [ADV+01, AM07, COV+08, CNOC13, DRD06, DIM+12, DGK10, DSN+20, EMV09, FHT+14, GGH+00, HS01, HFK+02, HAM+15, IBD10, JCF+06b, JSM+16, KYW20, MD17, NA13, PCP+17, SRV+00, SAM+12, SCSMT20, Thi05, TVL+00, VSR+00, WML+07, WWH+10, WAV+12]. web-based [DIM+12]. webs [AMK+05, BFM+14, CS20, FTT+17, HWCT11, MTTT+20, PTO+16, PDS+17, PTDS08, RJDR06, RW+08, Row13, vOSG+11]. Weddell [Dia04, HWS+07, JR11, TWD+08, VSC+11, ASMO8, BG08, BN04, CMK+18, CL06, CG04, DFMW13, DAGK+17, FHR+11, FHvFM08, FMWD07, GMS+02, GBI+17, GHG+04, HNW+08, HAGW+13, HHH+08, HKSV11, Hi04, HiBB+02, HSD04, HR+08, IGP+06, JTT04, JT07, KDMH18, KGB+14, KMM+08, KFHR05, LRH+11, LBB+07, MB07a, MGMT02, McP08, MDT+08, MPHF02, RJTT11, RVGF02, REWH11, SSM+08, SF99, SIA02, SRDV07, SRH+11, SWH08, VVV08, ZHD+08, VH+11, vdLCS+11]. Weekly [CRP+05]. Weibe [AN09b]. Weichselian [SSR+14]. weight [BMHR08, GEP+16]. weight-dependent [BMHR08]. Weiss [IFFGL+04]. well [Joy16, JBO+16, PWMC01, PFAZL09, RK18, SSAF02]. well-mixed [PWMC01]. well-preserved [SSAF02]. Wellhead [CDM+16]. WEST [Ano06f, CHM+17, CG21, DHI+14, DNR20, DRR17, HNM+20, KFS+17, LBM+17, MS18, NMR10, NRH+20, RTO+20, RAB+17, Rog17, SBBB+15, SBC17, VTD+20, VM01, Bol08, CKH+08, Dal04, DNK+08, DK04, Duc08, DEK+08, GRWW01, HWWH09, HTA+17, JGM09, KB95, KHB+04, IWA+04, MD08, MT11, MAR+15, MSV+17, MS12, MJTH11, Pin93, RAL04, RQQ04, RJG+08, SSM+18, SG99, SZV+19, SK02, TBW+11, TWPP07, VMI+08, WMB+08, WZL+16, WNA+10, WRS99, ZRC+11, ZGGF22, LLR+06, LWHD06, VLK06, WLD+06, AJR+15, BMG+17, BMGC09, DK11, DT08, DFK+06, GSM+08, IYMI10, JKF+10, JFM+17, KKS19, LDBS+17, LGR+14, MCO+09, MSJS08, NMR10, PMJW10, PPZ93, HPS+17b, SMCA01, SV09, SBS+08, STH0b, TFR+10, VJP+10, WBO9, WGMW10, WNA+10, WRBS10]. westerly [ERR97, RMCA06]. Western [BLO+17, BLI+09, CDT11, FFJ+11, HDR+11, JDBP+05, LOA13, MDTS11a, ORFA+14, PLD+17, PDA+17, SS99a, SDGH14, TCJ+11, ASMO8, AV97,
ACBV+18, Ala13, AKH+02, ATLD+20, ACR+20, AHV+17, BG08, BMCF97, BLO04, BBN97, BS21, BPM18, BCDV02, BSZ99, BLS+97, BSW+13, BG09b, CSA+09, CBCT09, CZP+08, CDRA08, CMB+97, CWP+15, CW97, CCC+03, CR01, CG04, CMTS97, CNM17, CCFL01, CC01, DB+18, DJ07, DB05, DDB+97, FI02, FHSF08, FKH13, GP08, GB+17, GDAMS19, GGLP02, GWDP11, GVD+97, GNB+17, GMC97, GK02, HNW+08, HHH+15, HOD+09, HHH+93, HTS+09, HHH+08, HWCT08, HHP04, HZN+16, HPK+97, HHR+08, IJTS02, IJM+09, JCP05, JYM+15, JLI+12, KM05a, KSH+09, KOS+16, KNG02, KCA05, KBVM13, KMM+08, KY10a, KHC+09, KYY, KTSI07, KSY+08, KT02, KNI+05, LLD+17, LDH93, LHH+15, LSGM02].

western [LIST+02, LLK+09, LSA14, LRDS18, LLK05, LAT+18, MN10, MPH+95, MGP+97, MGR+03a, MDTs11b, MM07, MCPA02, MCF15, MAK+16, McP08, MPJ+13, MSoL17, MDT+08, MSs+02, MVM+08, MSM10, MR08, MQD06, MBTM97, MST+14, MHH+14, NHS+09, NOT+09, NSLAP+17, NTF01, NPF+09, NTK+09, NMWH19, OOE16, OYM15, OKY+17, OTN16, PAVGBG02, PAK95, PPT+10, PBN10, PDK11, PGK14, PHK10, RR96, RV00, RMC+08, RF99, RHPC+19, RIH00, RMT14, RL97, RFLW00, RN96, SSSN19, STK02, STN+09, SISA+02, STF09, SSMM+08, SSHM+08, SNIT02, SS7+07, SDB+19, SGA97, SE95, SMS+08, SMD08, SF+18, SMI08, SGM+14, SWH08, SAM96, SMLA05, SLB+15, SKF+10, SFP+09, TT05, TRF+97, TNW02, VMB17, VLM13, WT14, WLZ+19, WZW+22, WTCB09, WYL+20, WC07a, YWI+02, YTF02, YHK15, YKO15, YMI+09, ZCG+12, vWMR+17, Ano05b].

Western [ANI09, BIP+02, BTP+18, Bat01, BLBW+11, BOB20, BSR+18, BCF+04, CHG20, CB18, CPS05, DCA09, DBL+19, DGS+05, ERPFF11, ECD+17, ECS+17, FMI15, FMFW07, GCS+12, GCR+02, GA107, GOM+09, GH05, GHS09, HWT07, HBT+08, HZL+12, HC05, HM06, HFM+00, IBK+11, IABR+17, KNV+10, KMC05, LPA+17, LWSA08, LWSA08, LJJ+12, LFKF+17, MSA+08, MISC+02, MORB+15, MJ+13, MM15, MCMC07, PIP+02, PDT11a, PKW07, PWP+05, RMBG11, RBCG10, SAKP+22, SAG+10, SSSH09, SSK+05, ŠWH+04, ŠHL11b, SABP+16, SKW07, SYK+13, TCM+04, TWD+08, VNBW18, VKM+10, WGNH15, WAL+11, WDC+15, WCL+15b, YKJ+15, ZCP+08, TLP+13].

WestPac [ZMY13].

Westward [SWO10, MRC05, RSC07]. westward-propagating [MRC05].

wet [LT16]. whale [ALSF+17, AGW+13, BJK+22, BCKH07, BPS+17, BOH+04, CiST+17, DBL+19, DCF+18, EF98, ESWL20, ECM+06, FRH+98, LAP+17, MGJ+18, MHSV18, OCP18, SSAL+17, SRAL+17, ŠWH+04, ŠHL11b, SSM+98, SCGB18, TCM+04, TSSR20, TMBTS09, ZFP+16].

whale-fall [ALSF+17, SSAL+17, TMBTS09]. whales [BRG17, BCT21, BEC+96, Ber07, COQ+18, CBK+07, LSHB09, MBG18, MML07, MT98, MSM10, MHH+14, OMAA18, PTS17, RHB+04, SGB+08, SFH+18, SMB+18]. Where [BBG15, BY09, BCBB12]. Whirl [HKM00, WWS02]. whisker [GHM18]. white [MDC+10, RAT+13].

white-beaked [RAT+13]. Whittard [MTM+13]. whole [DVC14, SBL+18].
[BHS+10].


Yakutat [JWO+09]. Year [Ano14, SGL99, WMA11, AAL+17, BEGC04, BA02, BSR08, CMC+02, DSC+01, DABF+16, FM03b, ITT12, JVDH08, JMM+13, KAHS20, KC04, LWO+09, LK98, LWL+16, NLDJ14, OAH+16, OWW+12, ROPB03, SBM16, SHR20, SGM+02, SLLT10, TMP+19, TWD+08, TTA+16, VMF+16, WAW+05]. year-class [LWO+09]. Year-long [SGL99]. year-round [DSC+01]. year-to-year [SBM16]. Years [MS15, BIP+02, BM17, BFSK08, BSJ13, Bor01, CAFK03a, DPK+14, DKP+14, DZY+01, DFA+20, FrH96, FMH+02, GNT+17, GB+03, IOTS16, IPICHRMR19, JBO+16, LTF+19, LHAA19, LM13, LPM+19, LMH+18, LZZ+16, LBJ+13, MRB+14, MLH14, MTG18, NCR+08, PDK+14, PdBK+03, RRL+14, RMD+12, RLPF07, Sag18, SRY+04, SSK+05, SK+07, ZKM+12, ZKM+16, SGM+14, SMB+16, SFB+16, YSBH+06]. Yelkouan [PO117]. Yellow [LYN+13, LS10, NLY+13, SFZ+13, SFZ+13, AIW03, GZZC10, HZ+10, JX10, JLR+13, LHJ13, LXS+13, RZL+10, SZG+13, SLZ+16, SLDZ13, SHY10, TSZ10, TSZT13, WWH+10, WSLP10, WYT19, YKS19, YH10, ZSK+19, ZQW19, ZXL+10, ZZX+13, ZXM+13]. yellowfin [BSN+15, DABMAMA04, DWM+15, DPB+17, HMM+11, LCW20, LGP+15, WLT20]. Yemen [DBDB+97]. yield [HWN+04, SS01, ZSKL19]. yields [Ake19, MTBB00, VMB+03]. youngei [SI09]. York [RGS+15]. young [G16, LCH+09, NMWH+19, SLLT10, vAvVV+03]. young-carrying [G16]. young-of-the-year [SLLT10]. Yukon [ARWM13, MHG+17, NAT+12].

Yutu [CW22].

Zealand [MMSS14, OM98]. zeehaani [DGW+15]. Zemlya [SEN+95]. Zenk [BLS05]. zero [CP02, SOW01, vDCS+11]. zero-age [CP02]. zero-dimensional [SOW01]. Zhongjiannan [CSG+15]. Zhujiang [ZZY+19]. zinc [BC11, CW5T03, CBS11, LSC02]. Ziphidae [IATK17]. Zn [NOT+09, NEN+07]. Zonal [AMP+08]. BPD+11, LOA15, YTF02, BHL+15, LDL+02, MHHM15, SGM+05, SSB+15]. zonally [SF11]. zonation [GPC+04, KCM+14, PLR02, WR09]. Zone [CLJ+13, CLB+13, FVW08, GLMB+18, HLL+09, JFC18, KJB+08, KMD+01, LAJP+13, MSW+13, MMC+11, PBB+13, AT10, Ano95b, BRM+18, BRJ+18, BSJ13, BTD11, BLW+09, BBT+18, BES95, BOP95, CC13, CLH+00, CL09, CR95, CHS+19, DAKR20, DLR+01, DSN+10, DGN+17, DJS+08, DZD+09, FGW02, FDC+18, FSG+09, GMT+09, GPC+04, GG95, GLK+06a, GLK+06b, GQ95, GBL+00, GW+98, HDD+11, HYK+02, HK+08, III+02, JLC+11, JDL+11, JLY+16, JCPC09, JFM+17, JVL+16].
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Anonymous:1994:EB


Anonymous:1994:Pa


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Anonymous:1994:Pc


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Anonymous:1998:PAc


Anonymous:1998:PAa

REFERENCES


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Anonymous:1999:I


Anonymous:1999:OC


Anonymous:1999:PJa


Anonymous:1999:PJb


Anonymous:1999:PA


Anonymous:1999:PO

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Anonymous:1999:PN

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Anonymous:1999:PMb

Anonymous:1999:PR

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Anonymous:2000:Eb
Anonymous:2000:Ec


Anonymous:2000:Ed


Anonymous:2000:I


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Anonymous:2000:Pe


Anonymous:2000:Pc

Anonymous:2000:Pd


Anonymous:2000:PAa


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Anonymous:2001:AIV


Anonymous:2001:Pc


Anonymous:2001:Pa


Anonymous:2001:Pb


Anonymous:2001:S


Anonymous:2001:T

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Anonymous:2011:S


Anonymous:2012:A


Anonymous:2013:Aa


Anonymous:2013:Ab


Anonymous:2014:TYM


Anonymous:2016:A


Anonymous:2017:IFCd


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Anonymous:2017:IFCb


Anonymous:2017:IFCc


Anonymous:2018:EBa


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Anonymous:2018:EBc


Anonymous:2018:EBd

Anonymous:2018:EBk


Anonymous:2018:OTP


Anonymous:2019:EBa


Anonymous:2019:EBb


Anonymous:2019:EBc


Anonymous:2019:EBd

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Anonymous:2020:EBk


Anonymous:2021:D


Anonymous:2021:EBa


Anonymous:2021:EBb


Anonymous:2021:EBc


Anonymous:2021:EBd


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Anonymous:2022:EBj


Anonymous:2022:EBk


Anonymous:2022:F


Anonymous:2022:Ja


Anonymous:2022:Jc


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Anonymous:2022:S


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