A Complete Bibliography of Publications in *Ecological Modelling* (2010–2019)

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1 [AHNK13, MBUM12]. **\$129.95** [Jör11a]. **\$19.99** [Jør14a]. 2
[AHNK13, Con11, Con12, VLF$^+$17]. **\$29.99** [Jør14a]. 3
[BVGR$^+$17, BCB$^+$11, CPS$^+$14, DBP16, IFC14, KPS17, LMT13, MSGG14,
MRB14, MBUM12, MJGC13, NGR$^+$11, PMM11, SRHL11, SMH16]. **\$3.99**
[Jør14a]. 3/4 [SIS$^+$14]. **\$61.42** [Jør14b]. $^+$ [HBA16a]. ^{1} [Mob18]. ^{13}
[EFM$^+$10, Vav12, VRL18]. ^{14} [HKlL14, KHW$^+$16]. ^{15} [TGM$^+$21]. $^{N+}$
[HAA$^+$21]. $_2$ [CGY11, CSH11, CSH13, CN13, CR11, CR12b, FCG$^+$19,
FCZ13, GKW$^+$13, HMS$^+$11, Hol13, KK12b, KMM$^+$13, LKLK15, LYJ$^+$15,
LHP16, LBdA$^+$19, LSM19, MKF$^+$11, mNkGyT$^+$17, PJ16, PD15, QlSeZ$^+$10,
RML$^+$15, SLSS15, TIC$^+$14, VRL18, WRM$^+$11, ZJP$^+$11]. $_3$ [MKTO19]. $_4$
[DAW$^+$10, GKW$^+$13, HMS$^+$11, Vav12, VRL18]. $_{wetland}$ [LHZS10]. a
[KHJ$^+$19, LGY10, MMM$^+$16, WQD$^+$13, ZZT13]. α [Sci11a]. β [Sci11a]. C
[LKKK$^+$14, SVL12, WR18]. : [JS12, LWGH13]. Δ
[HKlL14, EFM$^+$10, Vav12]. G [MSG$^+$13]. K [ZJB19]. λ_1 [Log13b]. M_b

[FT16, NMC⁺14, DPV⁺16, DGKSM13, JZ12, RPPW16, VSB13]. **Analysis**
[AAW⁺15, APWT15, BS18, BB18, BFS11, CHvdW⁺10, DSK⁺11, DZW⁺11,
HAA⁺21, LLW⁺15, LPV11, LLC11, MK13, Pat12, PSS16, RAR15, SNS⁺12,
TLL⁺17, TL10, VPS10, XGH⁺17, ZLF⁺11, ZLF⁺15, ZLZ17c, ZKSF17,
AADA14, AYASR⁺17, Ano12s, Ano12t, ACC11, BB10, BKM⁺18, BS10a,
BSMA18, BTPG10, BSZ⁺11, BMU10, CCS13, Cam15, CC12, COBF13,
CZR⁺14, CMA⁺13, Cho13, CAMCK⁺12, CCC12, CMCASS12, CDT10,
CCG15, CPS15, CBB⁺10, DAA⁺12, DLH⁺14, DBK⁺13, DVCM⁺10,
DSM⁺12, DCZ⁺15, DFM12b, DBJ13, FH11, FT10, FE14b, Fre16, GPM⁺16a,
GB16a, GZS⁺18, GDT⁺14, GLR⁺19, GGSP14, GZVU14, GU11, GGVB11,
GAF⁺14, GB16c, GWZ⁺15, GYL⁺13, HGPF15, HCM⁺15, HYG14, HZZ⁺18,
HCS⁺10, Hei11, HLK⁺12, HHvO⁺17, HL19, HhLY⁺19, HBA16a, HBL18,
HBB15, IN16, JA15a, JLZ⁺18, JSdSdL⁺18, KB10, KM12a, KRE⁺18,
KYvdPS14, KUK11, LKMCW14, LST15]. **analysis**
[LTL15, LCM11, LB17, LCH12, LCBNP19, LkSXhX17, LWGH13, LCL⁺13,
LVLS14, LHP16, LHL18, LWTZ18, LHB⁺18, LHH12, LKAL⁺13, LGY10,
LYCZ13, LJLO11, MW12, MBBA17, MY11, MCW13, MWY⁺18, MGR⁺18,
MHTC15, MXC13, MDJ⁺11, MJL⁺13, MJL⁺14, MTJF11b, MDL⁺10,
MJC⁺11, MSCH14a, MSCH14b, MATS14, mNkGyT⁺17, NCMF10, NLM⁺19,
Oga11, OCCF17, OKS⁺11, OCB⁺13, PC16, PMH17, PSBH16, PMCKH13,
PLB16, PLS11, QFG⁺13, RHvdTS14, RBM⁺17, RAF17, RHZ⁺18, RPPW16,
RMLTCQ⁺19, RPA12, SELB10, SSV⁺12, SZ14, SØB14, SLLW15, SBPZ12,
SDSH15, SP10, SH18, TPL⁺15, TRD⁺15, Ten15b, Tho10a, TVF⁺10, TB19,
VMP⁺19, WMF⁺13, WGA⁺13, WLY⁺15, WSSM15, WAM13, WPB14,
WFSH15, WAGM17, WSC⁺19, WPZ⁺14, XYTS19, XZCL16, YDD⁺13,
YZPL16, YWA⁺17, YM21, YZG16, YLW⁺11, YZLX14, ZRCNLI⁺15, ZYFL10,
ZH11, ZYLY11, ZZY⁺13, ZLZS14, ZLF14, ZZF15, ZLFZ16, ZLZ17b, ZWF18].
analysis [ZBS14, ZTL⁺17, ZSF⁺12, ZSG⁺18, ZMH19, dSD18, SSF14].
analyst [MRC19]. **Analytic** [CBGK15, YLC13, ZLZS14]. **Analytical**
[BP10, GS19a, MH13, PL10b, TT12, BC11, Md18, MV17, RHR⁺15b,
RHS⁺15, RHD⁺16, RDV⁺17]. **analyze** [BFKS16, EBL⁺11, WLY⁺15].
Analyzing
[ABD⁺18, GCW⁺16, XZSL17, ZZ17, LDL12, MVC⁺17, SAR11, vDHH⁺14].
Anammox [MFD⁺15]. **Anas** [KK12a]. **Anaxyrus** [BKP10, Bar11, MBG17].
anchovy
[GPH17, JBCÑ11, KKH⁺17, OAPP12, PRL⁺13, PHP15, WJS⁺18, XCR⁺13].
ancient [CK12, LJAD17]. **ancient/recent** [LJAD17]. **ancillary** [HS11].
Andes [MRN12, SRV⁺12]. **anemotaxis** [GKKW10]. **angle** [Md18].
Anglesey [JWLS17]. **angling** [LCD⁺16]. **angular** [RAM10]. **angustifolium**
[BHD17]. **Anhui** [YLW⁺11]. **animal**
[ALKB10, ADF13, BEZ19, BM11, BBHP13, BCJ⁺12, EZ14, GMK⁺19, HA18,
HB13, MGD⁺12, SJGB16, SHCR10, VR12, WR13a, XSL18]. **animals**
[LB15, PC15, SFR⁺17, WBG⁺14, Wil11b, vdVJS16]. **animated** [DBP16].
anisotropic [HHW11, SBM⁺11]. **anisotropy** [dLB19]. **Ankole** [MGW⁺21].

Annelid [DLL⁺19]. **Annotated** [BPT⁺19]. **Announcement** [Ano11a,
Ano11r, Ano11-37, Ano13a, Ano13b, Ano13u, Ano17b, Ano17c, Ano17d].
announcements [Fat15a]. **annual**
[BMD18, CDG15, GLT10, HLS⁺14, qHLlZ⁺16, HGN⁺16, LPS⁺10, MK12,
SW19, SMKM19, XLL15, ZTJ⁺10, ZYXT18]. **anoxia** [SHM⁺17]. **anoxic**
[GS10]. **Ansai** [ZZLZ14]. **answer** [ACSR⁺13]. **Answering** [DFH⁺14]. **ant**
[FHG12, YZL12]. **antagonistic** [KMKL19]. **Antarctic**
[CR12a, GJK⁺15, MRCW10, PLS⁺16, RMTM⁺16, VJR⁺16]. **Antarctica**
[HLLP⁺10]. **anthill** [KOBK13]. **ANTHRO** [MCWG21]. **ANTHRO-BGC**
[MCWG21]. **Anthropogenic** [YLW⁺11, ARV⁺16, GHP12, HSM⁺12,
MJC⁺11, PVM12, PVM13, REB⁺16, RDD⁺18, RCS⁺19, SRV⁺12, SFL⁺19].
anthropological [SGBD10]. **anti** [BEBA19]. **anti-predator** [BEBA19].
antibiotics [MWM⁺16]. **Antikythera** [BC11]. **antillarum** [KK13].
antimony [SSW⁺18]. **Antipathes** [JCKG15]. **Antofagasta** [OBC⁺21].
anuran [VHDM17]. **Anzali** [SZSV12a, SZSV12b, SZSV13, SZV14].
APECOSM [DFM12a, DFM12b]. **APECOSM-E** [DFM12a, DFM12b].
aphid [BWH13, BGGL16, DFF17, GHS⁺10, GOSH⁺12, WPZ⁺14]. **aphids**
[FDP⁺10, PZM13]. **APHIDSim** [PZM13]. **Apicomplexa** [LJB12]. **Apis**
[AOW13, RBH13]. **Apodemus** [LSGT13]. **app** [MRC19]. **Appalachia**
[DDBK15]. **Appalachian** [KMP14]. **apparent** [LMDG14]. **appearance**
[GSJ⁺10, RH17]. **apple** [BCP15, DHC14, TWL11]. **Applicability**
[FRM⁺19, LLKY18]. **applicable**
[Ano17m, Ano17n, Ano17o, Ano17p, Ano17q]. **Application** [AB13, BFP⁺18,
CCS13, CLCC11, CRQW18, DC10, DLCR13, DVT⁺10, DJMBD⁺13, Fai10,
Flo18, GWHL15, GOSH⁺12, HLS⁺14, HFB⁺11, Hoa11, JBB⁺11, JMB⁺11,
KSSA13, KDMPC10, LBSB⁺14, LLL⁺10, NS15, PDAL14, PGK⁺13, PFSF14,
RHB14, RML⁺13, SZSV12a, SZSV13, TAT⁺16b, TLS⁺16, VZF⁺11,
WZGH18, ZGJ10, ZCSL18, ZXD⁺13, ZDG⁺13, BAB⁺16, BLB⁺17, BKM⁺18,
BRS⁺18, BGD⁺15, CGLA10, CGV⁺15, EEB⁺17, EEK⁺18, FDHL17,
FSS⁺17, GBB13, GPM16b, GV11, GS19b, HYG14, HPO⁺15, HSVL12, Hu16,
JGF14, JZG10, JHT⁺14, KHW⁺16, KDK⁺10, KP13, LWKS10, LkSXhX17,
LSZC10, LZL⁺18, LJWN14, MGD⁺12, MH10, MCPB15, OWMK10, PHC10,
RSC12, RSC13, RSCS19, SELB10, STD15, SW15, SXZ⁺15, TZS⁺14, WB14,
WHH⁺18, WK17, WPZ⁺14, XSN⁺18, ZBMC14, BDG⁺14, FE14a, GSJ⁺10].
Applications [BH10, FKDG14, dSGGBW12, GCIB10, JBH⁺14, Mon13,
ZW10, AD12, BB10, BLW⁺17, BCT15, CVG⁺15, CGP12, DP15, GB16c,
LJBS12, LWL⁺17a, MRWN19, SBC13, SZVV10]. **applied**
[BDL⁺14, BKN14, BPM⁺17, BMU10, CGAB17, DWNN10, FHL⁺13, FCA18,
FSM19b, GGV13, MSHC13, MCB14, NPJ⁺17, PES19, Rau11, RMHE15].
Applying [CLL⁺15, FBH⁺14, HMP⁺19b, WZD⁺14, YJW15, ZLLZ13,
BFR17, FBdP⁺16, LLM⁺13, ZLJM17b, ZLJM17a]. **approach**
[ALG16, AWF10, AWL⁺13, ABR12a, ACDC17, Ano12s, AAFH15, ABC⁺17,
ACSR⁺13, AVG14, BRR10, BBRJ15, BMN11, BC13, BG15, BLD10b,
BBC⁺19, BCL⁺14, IHSM12, BRS⁺18, BvHR⁺15, BK13, BAT⁺15, BAJ⁺11,

BHPF14, BPR⁺15, CF14, CLBG15, CHR⁺13, CVS⁺13, CS18, CLHH19,
CSF11, CVG⁺15, CRTS15, Con14, CTP⁺17, CSFB17, DZS12, DBSA16,
DAF⁺11, DSM⁺12, DMH17, DWP16, DSBS15, EFM⁺10, EKB18, F.11,
FKH⁺15, FCG⁺19, FT10, FCFT16, Fre16, FAT⁺15b, FHC15, GSQ17, GPH17,
GBG⁺15, GGZ⁺16, GKF⁺14, GCTS15, GHS⁺16b, GDDFT16, GEB10,
HCK18, HHC⁺13, HBS⁺16a, HJ17, HMS⁺11, HS13a, HSHF⁺13, HMA10a,
HPG⁺10, HEJP17, IBD⁺19, JR16, JM15, JHHS17, KHW⁺16, KGM12,
KR10b, KPLS15, KB18, KJH⁺13, Kos17, LMT13, LHL⁺17, LZS⁺17, LLP17,
LAK⁺18, LBC⁺15, LPD14, LC13, LCML11, LRB12, MDW⁺12, MY11].
approach [MCW13, MGR⁺18, MHS⁺17, MSKS13, MAFG⁺19, MKSL⁺17,
MSM⁺17, MRZU14, Mer12, MOMC17, MRM⁺17, MRR⁺14, MHC16, MN12,
MFI13, MRTW18, Ned15, NJCF11, OFK⁺12, ODK16, PC17, PLFO⁺12,
PAB13a, PVL⁺14, PRL⁺13, Pra12, PDG⁺14, RKL⁺15, RW10, RPA⁺18,
RIMPBT19, RSCS19, RBRK16, SBA⁺19, SGBD10, SvdMKS11, SFvdM⁺17,
SJGB16, SBR⁺19, SHX⁺12, SKH⁺13, SA13, SQWS19, SVL12, SDEP18,
SNZ⁺19, SB15, TAC⁺14, THBF⁺17, THOA10, VR12, VSB13, VBS14,
VPC11, VASH⁺16, VQS⁺18, WSW⁺13, WFW⁺17, WJS⁺18, WCS⁺14,
WSS⁺16, WKF⁺17, WHH⁺18, Yan11, YYQ11, YJW15, YZPL16, YZLX14,
ZH11, ZFZ⁺14, ZLG16, ZF11, ZVS18, vVHZHvD13, Wei19]. **Approaches**
[BH10, CXL⁺19, CPS⁺19, DAP18, HKL⁺11, HKVR13, HKG⁺17, JGF14,
JDP⁺12, KR10b, KCF17, KCF18, KBL10, LCD⁺16, LP17, LB18b, MBD⁺12,
PM16, Wil11a]. **appropriate** [GSQ17, KVU⁺10, LCCL15, MU10, San11].
appropriation [CLWH15]. **Approximate**
[LJLC15, vdVBJS15, CDK⁺17, RFV⁺12]. **Approximating** [LM13, SAT⁺15].
approximation [NSIiT17, TT12]. **approximations** [MRES17]. **April**
[Ano10g, Ano11v, Ano11w, Ano12-28, Ano12-29, Ano13-39, Ano13-38,
Ano14e, Ano14c, Ano15a, Ano15j, Ano16t, Ano17-38, Ano17r, Ano18-41,
Ano18-38, Ano19-36, Ano19-47]. **APSIM** [ZBS14]. **APSIM-wheat** [ZBS14].
Aquaculture [HD14, AJDS16, BLCPB11, GL10, HCZ⁺17, IFC14, KTM⁺16,
MHRB19, Mur13, RSDP⁺12, RPC⁺17, TPT⁺11]. **Aquatic**
[AdMC⁺13, ALC19, AS14, ČTT⁺12, CCC12, EAB11, FSM19b, HB12,
HB10a, JDGJ13, LJWN14, MY11, MNK⁺21, MU10, PHP⁺14, Pea15,
RPSA12, RE10, SZV14, SGAS14, SBR⁺19, STD15, SGHW⁺17, TM12,
TŠAD12, TM14, VMSM10, Wil11b]. **AQUATOX**
[BPC⁺17, CBP⁺17, NGWZ16, YLY⁺18, ZLLZ13, ZCSL18]. **Aquifer**
[MGWW13]. **Ara** [HBT⁺18, MFB17]. **Arabian** [SPM⁺18]. **arbuscular**
[VH12]. **archaea** [LNB17]. **archaeological** [Mur12]. **archipelagic** [CXW19].
archipelago [BSO13, GPC14]. **ArchiSimple** [PBB⁺14]. **architectural**
[GGR⁺13]. **architecture**
[BBL11b, COBF13, EAJG16, GdC14, PBB⁺14, TBL⁺15]. **architectures**
[dLB19]. **Architeuthis** [CMEP15]. **Arctic**
[CR12a, DMB⁺19, JJMW14, LSR16, WR18]. **Area**
[SRXP14, BLH10, BBJV⁺11, BVVS15, CZC⁺15, CGEdM12, DKJH13, FS14a,
FGH⁺10, FJH15, GWHL15, Gav15, GZK⁺11, GBB13, GDBB19, GdSHA10,

GHWG⁺14, GRRU15, GZK⁺11, GL10, GFP⁺16, GT14, GFC15, GB15,
HA18, Hal11, HLW15, HFU11, HF14, HTL⁺14, HHL17, IPSH14, IS13,
JZCL14, JXL⁺15, JDP⁺12, JL18, KSSA13, LDJZC15, LDG14, LSP⁺10,
LB15, MLY⁺19, MY11, MSS⁺19, MR17, MPF⁺14, MDKK15, dMHGA10,
MAMNL⁺15, NGGFM19, OCB⁺13, OBC⁺21, PMS⁺17, PPB⁺18, PMH17,
PAB⁺13b, PBD⁺17, QCB⁺11, RHS⁺15, RHD⁺16, SBM⁺12, SSV⁺12,
SMI⁺19, SWZ⁺13, SZVV10, TNA⁺17, TA11, UFK⁺10, VHM⁺17, VMSM10,
XYCZ11, YSH⁺10, YZPL16, ZGJ10, ZLLZ13]. **assessment**
[ZLY⁺13, ZLJM17b, ZLZ⁺17a, ZLJM17a, ZCSL18, ZWG⁺17, dSD18,
vDSC⁺10, vVBHZ11, vGKB10]. **assessments**
[HKL⁺11, HCM⁺18, JMB⁺11, KB18, PRH17]. **assets** [BLOJ⁺19].
Assigning [PSWM⁺10]. **Assimilating** [LZZ⁺14, ZCS13]. **assimilation**
[CC14, HKlL14, MF12, VRL14]. **assimilative** [XYY⁺16]. **assist** [LBR⁺17].
assisted [CMM⁺10, DSM⁺12, SBM⁺11]. **assisting** [MLAT⁺18]. **associated**
[DBVS19, GPR⁺13, HS11, KTK⁺15, KDT⁺17, LJ10, LYL⁺17, Mat13,
PLHG14, PANL11, RGH⁺13]. **association** [KKP⁺11, San11]. **associations**
[BTPG10, HM18a, HM19, LBE⁺13, MDH15, WGSR19]. **assumption**
[BDG⁺14, WSE12, WLR18]. **assumptions** [BG11, PC16, TF13]. **Astroni**
[IBD⁺19]. **asymmetric** [RW17, TYEH10]. **asymmetry** [BA17].
asymptotical [WAM13]. **asynchrony** [CH14]. **at-risk** [BSW18].
Athabasca [MMRS⁺19]. **Athene** [EGMW12]. **Atlantic**
[CSFB17, GQNMR18, PMF⁺13, WHRR15, AGQP⁺14, BRS⁺18, BSH⁺10,
CRA⁺11, DMR13, DWP11, FAPM12, FCA18, GRL18, HSHF⁺13, HCM⁺18,
JNHF18, LCD⁺16, LJ13, MSHC13, MSM⁺16, PAGCV⁺10, PP12, PGA⁺11].
Atlantis [IT17, OCCF17, PWP⁺19, WLF⁺16]. **atmosphere**
[LPD14, MKF⁺11, WSZT10]. **atmospheric**
[ACN14, GBG⁺15, Hol13, LY16, TRE⁺12]. **attached** [FCS13]. **attacks**
[DHHB15]. **attenuation** [WBS13]. **attitudes** [BRW⁺12, BWP16].
attraction [GJB⁺11, RUSL19, SW11]. **attribute** [CL10].
attribute-regulated [CL10]. **attributes**
[BPGSS⁺18, HMA10b, NBD⁺13, PBO19]. **August** [Ano10o, Ano10p,
Ano11-30, Ano12-30, Ano13-32, Ano14r, Ano14o, Ano16a, Ano16u, Ano17-35,
Ano17-36, Ano18-46, Ano18-47, Ano19-33, Ano19-37, Ano21b, BMF⁺11a].
aurata [PAGCV⁺10]. **Aurelia** [MIC14, Ned15]. **auricollis** [PGS16]. **aurita**
[MIC14]. **Australia** [CRO13, KSZW16, DLW⁺17, DLvGGNC16, For11,
GPR⁺13, HPO⁺15, LS10, LWNG13, LMBL12, NJM11, NB11, NBD⁺13,
PKB⁺18, SMC11, TL15, WRSL11, WEJ11]. **Australian**
[GPR⁺13, ADPS10, BTBM17, GWR11, LDG14, TBA19]. **australis**
[WJL⁺13]. **Austrian** [HRSKW15]. **auto** [GM10]. **auto-facilitation** [GM10].
autocatalytic [GHK17]. **autochthonous** [KH11]. **autocorrelation**
[DF13, HMD⁺16, HFMM⁺12, MSV⁺11]. **automata**
[Cra10, DAF⁺11, HHL17, JBE⁺15, MJÁ⁺12, PD12, YZL12]. **Automated**
[WKF⁺17, ČTT⁺12]. **automatic** [GWC⁺10, Tat16a]. **automaton**
[GLI⁺21, ZJL⁺16, ZHLZ17]. **autonomous** [SJTS13]. **autotrophic**

CJM$^+$12, CWJ$^+$13, EST$^+$19, GQRC$^+$17, GPZB18, RJG$^+$13, RKBG14].
Butterworth [WSS$^+$16]. **by-catch** [NNST$^+$14]. **bycatch** [LJ13].

C [Jør14b, GPM$^+$16a, DCMK11, DAW$^+$10, DVD$^+$14, EFM$^+$10, HKlL14,
JS12, KHW$^+$16, MKTO19, TTCH$^+$14]. **C-TOOL** [TTCH$^+$14]. **C.**
[AR11, PL10a]. **C3** [HBP18, YqWB$^+$15]. **C4** [HBP18, YqWB$^+$15]. **CA**
[TLLX19, dWcWbZ15, YZC14, GVV$^+$16]. **cabbage** [HWH$^+$18]. **cackling**
[WK17]. **cadastral** [VVA$^+$15]. **Cadiz** [TCH$^+$13]. **cadmium** [BFP$^+$18].
CAFFEE [SM13]. **caffer** [MMS12]. **CAGD** [AS11]. **cage**
[CHCC15, RPC$^+$17, TPT$^+$11]. **Calamagrostis** [Log13a]. **Calanus** [JSH15].
calcarifer [HD16]. **calcification** [MB14]. **calcite** [HC11]. **calculate**
[Jør15a, Jør15b]. **Calculating**
[BLCPB11, CCS13, LY11, SBDA16, LLCR10, Pat14b, MBRR13].
Calculation [JMW11, PPF11, Cam16, CRQW18, Sci11a]. **calculations**
[FSB13, Fie12]. **calculus** [LTL15, Ten15b]. **Calcutta** [MGMR15]. **calibrate**
[vdVJS16]. **calibrated** [HMS$^+$11, KPS19, PBP$^+$15]. **Calibrating**
[PWP$^+$19, JAKJ10]. **Calibration** [GGM$^+$12, MPL$^+$16, PBB$^+$14, vdVBJS15,
BVC$^+$18, BDV$^+$19, CDK$^+$17, CBA16, GdSHA10, GBP$^+$10, HHvO$^+$17,
JSL$^+$10, KHW$^+$17, LH15, LYJ$^+$15, Log13a, MA10, MBUM12, NGWZ16,
OGOWW16, OCD$^+$13, RKL$^+$15, RCCN11, SFC$^+$12, XBvdV$^+$14, ZCYL15].
California [CMCASS12, RBGB16, DUASLB$^+$12, GEZ$^+$13, HKM$^+$18,
KKH$^+$17, KEM$^+$16, LVZ$^+$11, MKL14, MJK$^+$17, TPG14]. **californicus**
[dOMZ13]. **call** [LBGM19]. **callarias** [IKL13]. **callitris** [NBD$^+$13].
Callorhinus [ZKSF17]. **calls** [WSS$^+$16]. **Calotriton** [CMGF14]. **calvescens**
[PMS11]. **CAM** [HBP18]. **Cambodia** [KMM$^+$13]. **camera** [CGS$^+$17].
Campaign [LLZ$^+$16]. **Campania** [MRZU14]. **Can**
[BU11a, CVV$^+$13, CJM$^+$12, FE14a, GAB12, Har11, MCRB17,
MMMCAHM21, PTML14, RMGU11, RPGSCF16, SBM$^+$11, SVH$^+$19,
TKW17, TRP12, TBL$^+$15, WKZ$^+$19, WR13b, YLW14, YHW$^+$12, YHJ$^+$17,
ZKR$^+$13, BOGA14, Che16, CHZ18, CHG$^+$15, dSCdA19, FS14b, FTYI13,
GVGC16, Gav15, HSLC$^+$19, Lee14, MBLC14, NZL13, NYH15, POS$^+$19,
Rin14, SS16, SA16, SJB$^+$16, VEMS12, dAdSC15]. **Canada**
[CLD$^+$17, LMY$^+$11, LYP$^+$11, LPA$^+$11, MSHC13, ABK$^+$16, BHC$^+$15,
CAC$^+$16, ENC$^+$15, HMS$^+$10, KZR$^+$13, LYD$^+$17, MAM$^+$10, SHM$^+$14,
VCSSC12, WFA10, ZJM$^+$11, ZKR$^+$13]. **canadensis** [PGZ$^+$19]. **Canadian**
[HSK17, HCS$^+$10, SKTG11, SPG11, YDD$^+$13]. **canals** [ASL13, FBL$^+$10].
Canaria [CMCC15]. **Canary** [MGGLBIBD13]. **candida** [HFSL14]. **canine**
[BG15]. **Canis** [CWL$^+$16]. **cannibalism** [GVGC16]. **cannibals** [SKPHW16].
canola [SFHK12]. **Canonical** [JG10]. **canopies** [For14, MJGC13]. **canopy**
[AS11, AS12, Bai18, DKM$^+$14, FAC$^+$19b, GZK$^+$11, GGR$^+$13, KGS11,
KKL$^+$12, KMM$^+$13, LKLK15, LB18a, MK14, Pie10b, Pie10a, SMSAN$^+$14,
SRV$^+$12, XKI$^+$11, dLB19]. **Canterbury** [JBB$^+$11]. **Cantin** [CRA$^+$11].
capabilities [SBC$^+$16a]. **Capacity**
[VEK12, BDL$^+$14, BLCPB11, hCjHMW18, CN19, EMH10, FHAG12, GLA11,

Characterization [BMN11, Ing10, KCLL14]. **characterized**
[GRB12, Sol19]. **Characterizing**
[BSW18, KHS$^+$19, MTJF11a, TCSG15, ALG16, BGK$^+$16]. **Charadrius**
[GKF$^+$14]. **chart** [DFW$^+$18]. **Cheat** [ZF11]. **cheetah**
[JMdW$^+$10, OMDP11]. **Chemical**
[TA11, AJDS16, CGG$^+$18, EGMW12, FtHvdB$^+$14, HD16, LBW18, Vav12].
chemical-induced [LBW18]. **chemicals**
[GHWG$^+$14, GT14, HFSL14, MPF$^+$14]. **chemistry**
[HKL$^+$11, LGY10, MB14]. **chemostat** [AAA13, CJLV11, F.11, FHC15].
chemostats [CBB19]. **Chesapeake**
[KH11, CN10a, DC10, JX17, KPLS15, MTZ$^+$10]. **chestnut**
[GPTR13, PFP$^+$16, PGGMMA19]. **Chile**
[BCO17, CRQW18, LAEAG12, MNEG11, ROSC15]. **Chilean**
[MTPC13, Bae18]. **chilling** [GLR$^+$19]. **chimeric** [POS$^+$19]. **China**
[LCC$^+$14, NvGZ$^+$16, PCTW17, ZYZ17, AA12, BCC$^+$11, CZC$^+$15, CZ11,
CL15b, CLWH15, CMLY19, DZW$^+$11, DYU$^+$12, DLZ$^+$17, DLL18, DSW$^+$17,
FLY13, FLX$^+$14, FDR$^+$17, FCG$^+$19, FGH$^+$10, FCZ13, GYL$^+$15, GSQ17,
GZS$^+$18, GLS$^+$17, GCL$^+$19, HJ17, HFB$^+$11, HZT$^+$13, HG17, HYL$^+$17,
JWX18, JLZ$^+$18, JJYM19, JC11b, Ju19, KJH$^+$13, LkSXhX17, LLL$^+$10,
LSZC10, LLY$^+$13, LCY$^+$13, LZLC13, LLM$^+$13, LYSW15, LLQ$^+$15, LZZP16,
LWL$^+$17a, LKG$^+$17, LWL$^+$17b, LWTZ18, LHB$^+$18, LZJ$^+$19, LCZ11, LC11,
LCS11, LLZ12, LYC$^+$15b, LML17, LYL$^+$17, LLP17, LP17, LCFD19,
yLWhMhG11, LGDW12, MLW$^+$15, MLB$^+$16, MWY$^+$18, MLH$^+$17, NXZ18,
PHC10, QCLW18, QCB$^+$11, RZF$^+$13, SRXP14, SLW$^+$14, SWC13, SLZ$^+$18,
SAW$^+$11, SDY$^+$15, SM14, SXZ$^+$15, SCG$^+$16, TLL$^+$15, TJYZ11, TQZ12,
TZS$^+$14, WALCY12, WSW$^+$13, WYHC15, WLY$^+$15, WWC$^+$18, WKZ$^+$19,
WYY$^+$19, WJF$^+$11, WZD$^+$14, WZG15, XYTS19, XTLM15, XLS11, XZC$^+$17,
XCL$^+$11, XWW$^+$11, XYCZ13, XQZ$^+$13, YYL13, YWH15, YLY$^+$18, Yan11,
YYQ11, YC11, YLC13, YC13, YZPL16, YDZ$^+$21]. **China** [YM21, YSA$^+$14,
YLW$^+$11, YDL$^+$15, ZFT$^+$10, ZLLZ13, ZLZS14, ZLF14, ZQC15, ZLW$^+$15,
ZLFZ16, ZZJ$^+$16, ZLZ$^+$17a, ZCSL18, ZWA19, ZXD$^+$13, ZZLZ14, ZJP$^+$11].
Chinese [AAW$^+$15, BRHD15, KHL$^+$16, LWL$^+$17a, LPX$^+$12, WKZ$^+$19,
WZD$^+$14, XWC$^+$11, YWY10, YHZ19, ZYFL10]. **Chl** [MMM$^+$16]. **Chlorella**
[YLC$^+$18]. **chlorophyll**
[CS18, KHJ$^+$19, LGY10, MSGG14, TLZ17, WQD$^+$13, ZZT13].
chlorophyll-to-carbon [CS18]. **Choice**
[DKJH13, NA11, HMD$^+$16, HS13b, Loe12, ROG$^+$16, RVB$^+$10, VF16].
choices [ZAW$^+$18]. **Chongqing** [yLWhMhG11]. **choose** [Ken19]. **Choosing**
[POBH10]. **Chozas** [MJB$^+$11a]. **Chronic** [PMP$^+$13, HMPC11].
chronosequences [Phi15]. **chub** [LCC$^+$14]. **chytridiomycosis** [ACCM16].
ciguatera [KTK$^+$15, KDT$^+$17]. **ciguatera-associated** [KDT$^+$17]. **ciliata**
[DSS11]. **cinerea** [ACC$^+$10]. **cinnamomi** [DLvGGNC16]. **circadian**
[FS14b, Hel10]. **circular** [FDR$^+$17]. **circulation**
[GL10, MB14, WLS$^+$10, WLS$^+$11, ZW10]. **cisco** [JFS$^+$12, MYJ$^+$14]. **CISTA**

[Ana17]. **CISTA-A** [Ana17]. **cited** [BS15]. **CiteSpace** [HhLY⁺19]. **Cities**
[BBA12, YZLX14, BK13, GLC⁺18, HLW15, YHZ19, ZYFL10, ZF19]. **citizen**
[RCS⁺19]. **City** [LMY⁺11, LYP⁺11, LPA⁺11, LLZ12, WL13, LYC⁺15a,
NPP⁺18, WYY⁺19, WGD⁺17]. **Cl** [GVV⁺16]. **clam** [BBGJ13, DWP16].
Clark [KRE⁺18, MSM⁺17]. **class**
[BSH⁺10, HKW⁺18, RV15, RWFD13, HBA16a, HAA⁺21]. **CLASS-CTEM**
[HBA16a, HAA⁺21]. **classes** [POBH10]. **classic** [LMT13]. **classical**
[BDL⁺14, RHR⁺15a]. **classification** [ABL⁺13, EBL⁺11, FIG⁺10, GCIB10,
HJWG12, NMS10, SZSV12a, SZSV13, Sil11, ZPNM13].
classification-then-modelling [HJWG12]. **classified** [BG11, CKMD14].
classifier [RAR15]. **classifiers** [RRvdG18]. **Classifying** [CWA⁺15]. **Claude**
[RHQ⁺16]. **clay** [GPK⁺13]. **clear** [MJB⁺11a]. **clearcutting** [Gat18]. **clever**
[SGSR10]. **Climate** [AW16, DBP16, GHST19, GZK⁺11, KPTC14, MHC16,
TNA⁺17, TZD⁺15, ABAG14, ACM15, ACDC17, Ana17, AGB⁺13, ARM⁺12,
ACK⁺14, BTS19, BCTL16, BGD⁺16, BKM⁺18, BFH14, BGG⁺16b, BSHG16,
BBH⁺17, BGPJ10, BFKS16, CTB⁺12, CLLB12, CCW⁺15a, CCW⁺15b,
CY13, CAC⁺16, CBB19, CSH11, CSH13, CJR⁺16, CSR15, CW11, CJM⁺12,
CWJ⁺13, CDM13, DWWS15, DDR⁺18, DAF⁺11, DMR13, DP15, DLW⁺17,
DSA⁺18, EFM⁺10, FLX⁺14, FTK⁺14, FCG⁺19, FMS13, Fel12, FBA⁺11,
FAS⁺19, FP13, FBKS17, GAP⁺19, GHD⁺19, GLA11, GVGZ⁺21, GGM⁺12,
GBG⁺15, GLR⁺19, mGZK⁺10, GAG⁺12, GCCB18, GWK⁺12, GKW⁺13,
HHC⁺13, HV12, HlLB12, HGE⁺10, HSR⁺15, HPC13a, HPC13b, HRWT12,
HBL18, HEJP17, JVY19, JSB⁺14, JFS⁺12, JL18, KTV⁺15, KCF⁺13,
KMF⁺21, KM12b, KBS⁺15, KPK⁺17, KKP⁺17, LDO⁺18, LZLC13, LHP16,
LWL⁺17b, LDP14, LC11, LKAY15, LCFD19, Loe14, Loe18]. **climate**
[MLC⁺16, MLK⁺11, MBD⁺12, MU17, MTPC13, MCS⁺18, MGS16, MDKK15,
MRM⁺17, MCG19, MLH⁺17, MSR⁺14, MMRS⁺19, MSM⁺16, MMMGLN⁺18,
NZL13, NA11, NW18, OJ10, OES16, PH18, PVM12, PVM13, PVBC14, PD15,
PW10b, Pra12, RJG⁺13, RVL⁺18, RXSK14, Rem11, RCSS13, RKC⁺15,
Rin18, RA13, RWvDM15, RVB⁺10, RBGB16, SvBH⁺14, SLSS15, SS16,
SKMB11, SKK⁺13, SBF15, SBRD10, SSN⁺18, SAKB⁺10, SB15, TCW11,
TT17b, UKI⁺11, VASL⁺15, WGT12, WTG⁺16, WRB⁺12, WNT⁺13, WV12,
WRSL11, WYS12, WSBP13, WFM16, XC14, YYL13, YFC⁺11, YKvWK16,
YHJ⁺17, ZLLC13, ZLW⁺15, ZLD⁺19, ZJP⁺11, ZSSR18]. **climate-based**
[CLLB12]. **climate-change** [WNT⁺13]. **climate-driven** [CTB⁺12, KM12b].
climate-induced [ACM15, BGD⁺16, XC14]. **climate-smart** [DSA⁺18].
climate/CO [FCG⁺19]. **climates**
[AOD⁺13, KWJH16, LLTQ14, LLTQ15, PAS⁺10]. **climatic**
[AVL⁺11, CHR⁺13, CMGF14, FHAG12, FBA⁺11, GCR18, MDB19, PRP17,
PLHG14, SJGB16, SM13, SAKB⁺10, YDL⁺15]. **climb** [TOHT14]. **CLM**
[SLZ⁺18]. **CLM-Crop** [SLZ⁺18]. **clock** [FS14b]. **clocks** [GJK⁺15, Hel10].
clonal
[EGA12, HW12, IWW12, MGSB11, OMH12, VMG⁺12, VAO⁺17, YGL18].
close [RMLTCQ⁺19]. **Closed** [TM14, BO14, BS13, BDG⁺14, DLH⁺14,

GLS10a, HCZ⁺17, HWH⁺18, LDJZC15]. **closed-loop** [GLS10a, LDJZC15]. **closure** [KCG18, SM13, ZCR16]. **closures** [LMBL12]. **cloud** [Bre12]. **clover** [KAJØ19]. **CLUE** [JDT⁺17]. **CLUE-S** [JDT⁺17]. **clues** [RHR⁺15c]. **Clustering** [PMRGF10, Con11, Con12, DSK⁺11, DPLC13, LKDD15, MLMH18, RWS⁺15]. **clusters** [JSKK15, Pie10a, ZGF14]. **CMCC** [CPS⁺14]. **CMIP5** [SBF15]. **CO** [CR12b, VRL18, DMB⁺18, FM10, FM11, KØ13, LTL15, PBO19, SZ14, Ten15a, Ten15b, CGY11, CSH11, CSH13, CN13, CR11, FCG⁺19, FCZ13, GKW⁺13, HMS⁺11, Hol13, KK12b, KMM⁺13, LKLK15, LHP16, LBdA⁺19, MKF⁺11, mNkGyT⁺17, PD15, QlSeZ⁺10, RML⁺15, SLSS15, TIC⁺14, WRM⁺11, ZJP⁺11]. **co-emergy** [LTL15, Ten15a, Ten15b]. **co-evolution** [SZ14]. **co-location** [DMB⁺18]. **co-occurrence** [FM10, FM11]. **co-product** [KØ13]. **co-registration** [PBO19]. **coal** [BPU11, LCT⁺17]. **coalition** [Ret12]. **coarse** [GGV10, SHC⁺15]. **coarse-scale** [GGV10, SHC⁺15]. **coast** [ADL⁺10, CRA⁺11, CGEdM12, DWP11, JVY19, NCK10, OCB⁺13, ROSC15]. **Coastal** [BH10, RLS11, BPC⁺17, BPGSS⁺18, CEWW18, DJS10, DVD⁺14, FHL⁺13, GSF⁺16, HBS⁺16a, HB10b, HR11, HSCS14, IGBSASSJ16, JDT⁺16, LSZC10, LLQ⁺15, LRB12, MDL⁺10, MMK15, MZLCSZdP11, NvGZ⁺16, PRHK19, PK14, PICR13, RRHH10, RCST11, RPA12, RBGB16, SFMA15, SSN⁺18, TBM⁺14, URUNAM12, WLZC11, WGA⁺11, WGA⁺12, WEJ11, ZDG⁺13, dMLM⁺17]. **Coco** [FAC⁺19a]. **cocoa** [ABAA21]. **coconut** [MdMS⁺19]. **Cocos** [MdMS⁺19]. **cod** [CAL13, Hei11, IKL13, JNHF18, MM19, PWK⁺17, SLRC19]. **code** [MEC14, SBC⁺16a]. **Codium** [GPJL15]. **coefficient** [Qia12]. **Coevolution** [NdA16]. **Coexistence** [MdlP15, ASS14, DJH10, FC12, qHLlZ⁺16, KK11, LM19, MN12, NSIiT17, RDH⁺13, RHR⁺15b, SFM⁺18, SFHK12, YLL⁺17]. **coffee** [RVL⁺18, RJ11, RCC⁺11, RCG⁺13, RCGC17]. **cognitive** [BRW⁺12, CLT⁺11, MRM16, RFV⁺12, SGRAdJ17, VSB13, VBS14]. **coherence** [RWH⁺14]. **Cohort** [Gar17, CH15, GCTS15, Och10]. **cohort-based** [GCTS15]. **Cold** [VCSSC12, ALC19, NW18, RJH⁺10, SCG⁺16]. **cold-climate** [NW18]. **cold-region** [ALC19]. **coli** [JA15b, KPSC10, KH15, SFvB10]. **coliforms** [RCCN11]. **COLIWAVE** [SFvB10]. **collaboration** [BME14, GBL⁺13]. **collaborative** [GHD⁺19]. **collapse** [ALG16, MM19]. **collar** [ACC11]. **collection** [BAJ⁺11]. **collections** [PTA⁺12]. **collective** [LTGD16, NG11]. **Collision** [KHKC⁺18, ACSR⁺13]. **collisions** [GJB⁺11, KHKC⁺18]. **colobus** [BSCG10]. **Colombia** [AYASR⁺17, NCMF10, ZPZ⁺15]. **Colonial** [TSP19, GDW12, MG18, MHG18, SSS⁺11]. **colonies** [CESC19, KDHC⁺18]. **colonisation** [FDP⁺10]. **colonization** [DRS⁺16, GVGZ⁺21, MJÁ⁺12, Str15a, Str15b]. **colonized** [JXL⁺15]. **colony** [AOW12, AOW13, BHHM10, DDR⁺14, MG18, MHG18, RBH13, YZL12]. **colony-forming** [MG18, MHG18]. **Color** [LS13, Jør14b, PH18]. **coloration** [LCFD19]. **colouring** [OJ15]. **Columba** [OFK⁺12]. **Columbia** [WFA10, FBB⁺18, Gar17, HSTS19, MCS⁺18, RLS11]. **column**

[CW17, GS10, LWGH13, WRMB18]. **combination**
[AMM⁺14, LCP15, MJÁ⁺12, RDJ19, RRH⁺19, SHB⁺11a, YZPL16].
combinations [FKK⁺18]. **Combined**
[CN13, DGKSM13, GBG⁺15, TSN15, UR10, WLC⁺19, CSF11, FTTV⁺18,
HL19, KCKdOW12, RM13, SGBD10, VGR⁺11, WFW⁺17]. **Combining**
[CPE13, FYR⁺18, HSD⁺15, KF16, LS10, LOLA13, MPF⁺14, MPP⁺15,
MMMGLN⁺18, NF11, SML12, SKM⁺16, dHR18, IHSM12, MPT⁺11,
RCS⁺19, ZPNM13]. **come** [CEWW18]. **Comment**
[GCIB10, Par10, Pat10, Ula10]. **Comments**
[GORJ12, NMS10, Och10, WM14, RHD⁺16]. **commercial**
[CMCASS12, HD16, JDP⁺12, MTGD17, WPZ⁺11]. **Common**
[CPS15, Mar17, MTA19, AW15, AHS⁺16, BCC⁺14, ODK16, PMH17, PKG16,
SZ14, SDEP18, LMY⁺11]. **commonly** [Löp11]. **commonness** [CWA⁺15].
Communicating [CBC⁺16]. **communities**
[ABC⁺14, ADJ⁺17, CVS⁺13, DJH10, FAG10, FM10, For18a, FTTV⁺18,
GGZ14, GCL⁺19, KCG18, KR16, LM13, LMSK12, LG12, LS18, LCR12,
MSM⁺17, MRR⁺14, MBA⁺19, NJM11, OMH12, OCB⁺13, PES19, PL10b,
PCZ⁺16, RPM13, RSP⁺17, SDKE18, TDH12, VG19, WJ15, ZLFI11, ZYKS15].
Community
[HW12, LKDD15, SYL⁺13, SJB⁺16, TGKSJ18, Agu11, BND19, CRBC11,
CHR⁺13, CZCL18, Con14, CSFR15, CGM⁺14, DA19, EAB11, FGPR10, Fuj16,
GGZ⁺16, GDTP13, GRB12, GCW⁺16, GPM16c, HLL⁺19, HKG⁺17, IBD⁺19,
KvOP10, KMKL19, KNM⁺10, LY16, LS18, LCP14, LCP15, MGGLBIBD13,
MLMFN⁺15, MDJ⁺11, MJL⁺13, MJL⁺14, MYHN17, NGL13, PSB⁺17, PES19,
ROC⁺13, SAR11, SRV⁺12, SDKE18, SMG⁺12, SGH16, SSM⁺13, SMLH⁺11,
TKW17, wTA12, TM12, Vav10, VJR⁺16, WR12, WP14, XZZ⁺13, XTPT11].
Community-level [HW12, CHR⁺13]. **Comparative**
[BRPK14, MROGVR12, OBC⁺21, RBM⁺17, WPB14, Ano12t, FE14b,
FKK⁺18, KCF⁺13, LYCZ13, MBD⁺18, OCB⁺13, YHZ19]. **compare**
[PWBG16]. **Comparing**
[IHSM12, CRD⁺16, CKMD14, DCZ⁺15, DSBS15, GPH17, GSSM13, HMS⁺10,
LBD10, LLT⁺14, SVD⁺13, THC18, TM14, TBM⁺14, WB14, VBS14, YBA⁺16].
Comparison [AKvO⁺10, ALC19, BND19, BBH⁺17, CBB⁺10, HJWG12,
HKVR13, KHKC⁺18, KPS19, LTL⁺13, MBD⁺12, PES19, RvKM10, SFR⁺17,
VRA⁺17, WBS13, ZLF⁺11, ZJM⁺11, ZZFH15, BDL⁺14, FCV⁺12, GGV11,
HHD12, HB14, HKP10, IPSH14, MDL⁺10, MRES17, OLG⁺13, PSWW11,
SBVA⁺13, UFK⁺10, ZPZ⁺15]. **comparisons** [ZLG16]. **Compartment**
[WMW⁺12, CHvdW⁺10, WPB14]. **Compartment-based** [WMW⁺12].
compartmentalised [Mur13]. **compensate** [CJM⁺12]. **compensation**
[LMDG14, MTL⁺10, Rai13]. **compensatory** [TBJ⁺15, VEK12]. **competing**
[ABC⁺14, BYR18, BPM⁺15, CN10b, SRV⁺12, SFHK12, YHW19].
Competition
[BRF⁺11, MYHN17, NYH15, BM16, BRMW18, BMCG12, BEBA19, BKB10,
BvBB10, BLAV18, BPN12, Che10, EGA12, FMW⁺19, FC12, For18b,

Configurational [BCI$^+$17]. **configurations** [vSGR16]. **Configuring** [LM16]. **conflict** [CWM12, FSM$^+$19a]. **conflicting** [KNU$^+$15]. **conflicts** [DSBM$^+$18, MHS$^+$17, TAT$^+$16b]. **confluences** [JD18]. **congeneric** [DZS12]. **conger** [TSN15]. **conifer** [HAA$^+$21]. **coniferous** [FPG$^+$10, GZK$^+$11, MPL$^+$16, OKS$^+$11]. **conifers** [KHS$^+$19]. **Conjoint** [GZS$^+$18]. **conjugation** [CJC11]. **Connected** [KK11, BCV13]. **connection** [WSZT10]. **Connectivity** [LYC$^+$15b, ZZA$^+$18, AMM$^+$14, BH13b, BJJ12, BS10a, CXW19, CLDRJ18, CD15, CL12b, DMDJ13, DRS$^+$16, JM15, KBB$^+$11, KB18, KNPH$^+$17, LML17, MHG18, MRM$^+$17, PTML14, RBRK16, SSBJ12, SDEP18, TMPF18, TLW$^+$14, TDF$^+$19, URR$^+$17, VPC$^+$14, YJW15, dHR18, vSGR16]. **conquer** [LM16]. **Consequence** [RCP17]. **Consequences** [Ash10, HKM$^+$18, NBSGW19, YMCV21, BGGL16, BWML15, CLDRJ18, GSF$^+$16, GV15, LJ15a, LCD$^+$16, MSCM18, MAP$^+$13, MCPB15, PTL14, RHR$^+$15b, RHS$^+$15, RHD$^+$16, RDV$^+$17, SBCB13, SSS$^+$11, TGKSJ18]. **Conservation** [NCLP10, AR11, ASP$^+$15, ABC$^+$17, BFPR16, BEPC15, BDWP16, BM10, BvHR$^+$15, Cho13, CB19, CTC$^+$18, DUASLB$^+$12, DA17, DS12, DLW$^+$17, DG16, EMH10, ESP$^+$17, FN18, Flo18, FLA19, GWR11, GFW$^+$17, GBL$^+$13, HCK18, HCS$^+$10, HAOS17, HBT$^+$18, KBB$^+$11, LV17, LDM15a, LM12, LA11, LWNG13, LG17, LAEAG12, MFB17, MRP14, OOFVBC16, PK12, PSM$^+$12, RMR$^+$16, SDT10, TPG14, WSS$^+$16, WhFxGZ16, ZFT$^+$10]. **consider** [WAM13]. **consideration** [HGE$^+$10, Oga18, PGS16]. **considerations** [EEFE$^+$11, VGR$^+$11]. **considered** [DLL18, Kos17]. **Considering** [XYY$^+$16, LCFD19, TLLX19, ZML$^+$12]. **considers** [ECO$^+$14]. **Consistency** [GEPCB13]. **conspecific** [FMW$^+$19, TMPF18]. **Constancy** [SW19]. **constant** [CEC10, WB14]. **constituent** [FL11]. **Constraining** [HSK17, PSB$^+$17, LHR$^+$15, RKL$^+$15]. **constraint** [Log13a]. **Constraints** [OCD$^+$13, PSJ11, hCjHMW18, DDR$^+$18, ELPK12, FP17, GDBB19, LCR12, SHB11b, TCSG15, TSSL11]. **construct** [CN19]. **constructal** [KOBK13]. **Constructed** [NXZ18, HZT$^+$13, LL18b, MB17, OSS13, PLFO$^+$12, SWZ$^+$13]. **Constructing** [SSKJ18]. **Construction** [WPZ$^+$14, ZWW$^+$18, KFDL$^+$19, LYC$^+$15a, PFSF14, RZF$^+$13]. **Consumer** [dVLS11, CD16, CN18, KMS$^+$12, KMS$^+$13]. **consumer-resource** [CD16, CN18, KMS$^+$12, KMS$^+$13]. **Consumption** [Ben12, CD16, BWC17, FCZ13, FE14a, LLW$^+$15, LYCU14, MRM16, XHC$^+$15]. **contact** [HMPC11, SM10, TMPF18, WGD$^+$17]. **contagious** [SM10, SM12]. **contaminant** [CZW10, GPD$^+$13, LSR16, MGCL17, ZC11, ZWJ$^+$12]. **contaminants** [BFP$^+$18]. **contaminated** [TPL$^+$15]. **contamination** [TWL11, ZLLZ13]. **contemporary** [CF14]. **content** [LKP13]. **conterminous** [LXS$^+$16, SBF15]. **context** [Ash10, AFC12, CY13, CPJ$^+$13, GMC$^+$19, GEPCB13, KK16, LPT$^+$18, LKAY15, MMRS$^+$19, SSQ$^+$10, SLD$^+$19, TFH12, ZLLC13]. **contiguous** [SHC$^+$15]. **Continent** [LLZ$^+$16]. **continental** [BlMG$^+$11, CQS15, GC14,

HBSF16, LBSB$^+$14, OC15, PFA$^+$16, RAF17, ZRCNLI$^+$15].
continental-scale [RAF17]. **continual** [BP15]. **Continuous** [BKV17, Sto10,
BP16, BP17, BP19, CGAB17, HB13, KMMS17, MPR13, SDSH15, ZFG13].
continuous-time [CGAB17, HB13]. **continuously** [GS19a]. **continuum**
[PES19]. **contracts** [LA11]. **contrasted** [BMCG12]. **Contrasting**
[BBHP13, CVV$^+$13, GBP$^+$10, KYvdPS14, LBD10, PICR13]. **contribute**
[DSJ19, EKB18, XM13]. **contributes** [YHW19]. **Contribution**
[BPT$^+$19, TWP$^+$14, HHL17, IPSH14, JAH$^+$10, RHQ$^+$16, ZJL$^+$14].
Contributions [BCO17, LW17, Fat14, Fis21, GDTP13, GSSM13, LNB17].
Control [PF12, AD16, AdMC$^+$13, BCP15, BJK$^+$16, BJR16, BMP$^+$19,
BNP10, CTB$^+$12, CHvdW$^+$10, CTC$^+$18, CESC19, ETG$^+$18, EEB$^+$17,
FSM19b, GLS10a, GWHL15, GHS$^+$10, GDW12, JX15, JWLS17, LDM15a,
LBR$^+$17, LDM15b, LCAJGFNS14, LZB17, MBLC14, MWY$^+$18, MS14,
MLK17, Mur13, MS16, MFI13, NvGZ$^+$16, PHvB$^+$18, PKB$^+$18, PTML14,
PFP$^+$16, Pec12, PvVC13, PMBB$^+$16, PME$^+$16, RJ11, RFV$^+$12, RPA12,
STSA10, SRXP14, TV15, WPG15, WSW$^+$13, WPB14, YLW14, YWA$^+$17,
YRGH16, dÁSMRT$^+$19]. **controlled** [LZ10, MKF$^+$11, RPGSCF16, WR13b].
controlling [CRAP13, HJS$^+$16, MS14, SM10]. **Controls**
[PPO12, CHVH13, DBG14a, GZK$^+$11, HBA16b, HAA$^+$21, IN16, JSB$^+$14,
KGYG15, LZLC13, LHP16]. **controversial** [ACE$^+$17]. **convection**
[SSW$^+$18]. **convection-dispersion** [SSW$^+$18]. **conventional** [SBC13].
Convergence [Abe15, KA17, WR18, PMH17]. **Conversion** [ZZLZ14].
Converting [SBC13]. **Convolution** [CC14]. **cool** [FBA$^+$11]. **Cooperation**
[BSC$^+$15b, BEBA19, MR10]. **cooperative** [TLP17]. **coordinates** [HHW11].
copepod [JSH15, RPM13]. **copepods** [BVJE18, DJMBD$^+$13]. **Coping**
[LPF11]. **copper** [BRHD15, KSM$^+$18, RCST11]. **coppice** [PGGMMA19].
Coquito [ZPZ$^+$15]. **Coral**
[LBE$^+$17, ABAG14, BMR$^+$18, BPN12, CCCP17, CTMS10, GBP$^+$16,
GRYM11, GBR13b, HJ10b, JCKG15, KvOP10, KR16, MTJF11a, MTJF11b,
MB14, MATS14, SM13, wTA12, VSF10, YMCV21, ZLFI11, MLAT$^+$18].
coralline [BPN12]. **Corallium** [GBP$^+$16]. **corals**
[ENM11, TGM$^+$21, YSB11]. **Corbicula** [GCDA16, HFH$^+$19]. **cordgrass**
[CZCL18]. **core** [BVGR$^+$17, VR12, DLH$^+$14]. **Coregonus**
[MYJ$^+$14, VVH12]. **cork** [ABC$^+$17]. **Corn**
[MR17, BB10, LYD$^+$17, MBD$^+$12, Tat16a, YC13]. **Corophium** [GCC$^+$10].
Correct [GMS11]. **correlated** [HM12]. **Correlating** [LML17]. **correlation**
[LCM11]. **Correlations** [WFA10]. **correlative** [IHSM12]. **corridor**
[LLL$^+$10]. **corridors**
[DPBK10, DDBK15, DFK$^+$11, RH15, SGDP19, VPC$^+$14]. **Corrigendum**
[ABAG16, BMF$^+$11a, CCW$^+$15a, Con12, CR12b, DYMYGO19a, EH19,
HM19, HLLO13a, KS17a, mLcLJ16, Lin16, MJL$^+$14, SMT19b, Str15a,
WGA$^+$12, WLS$^+$11, ZLJM17b]. **Corylus** [BOF$^+$16]. **Cosmic**
[CCC11, JC11a]. **CoSMo** [Con14]. **cost**
[CEWW18, CSF11, CMD12, CPAG15, LLL$^+$10]. **cost-effective** [CPAG15].

cost/benefit [CMD12]. **Costa** [FAC+19a]. **costal** [GSJ+10]. **costs**
[BMU10, BHPF14, EZ14, LZB17, vDHH+13]. **Cotter** [SMC11]. **Cotton**
[LBC14, AS11, FGH+10, PVB16, ZML+12]. **Cottus** [KDMPC10].
Cotylorhiza [RPA12]. **cougar** [Gli14]. **cougars** [LN11, LN16]. **Could**
[PLS+16, FMBD15]. **count** [DAP18, FDP+10, ZJB19]. **counterpart**
[PCB11]. **countries** [KBMM15, SAKB+10, ZWG+17]. **County**
[GPM+16a, YLW+11, ZZLZ14]. **Coupled**
[CTMS10, AHM+16a, An12, ALC12, CAL13, CSS+17, DJT+19, FRM+19,
GGZ+16, GHS+10, GCM+13, HBA16a, HBA16b, HG17, Kei12, KCB+17,
KVS17, KMS+12, KMS+13, LZZ+14, LB18a, MSGG14, PD15, PHP15,
RBGB16, WALCY12, WR18, YY11, vSGR16]. **Coupling**
[GHWG+14, IFC14, KSAS12, KWGW19, LKLK15, MLG18a, MUP+13,
PRHH13, PD12, YDZ+21, AL16, CCL14, CKS+17, GS10, HPRNP12, LDS14,
Nak17, NP18, TVT12, TZS+14, YLL+12, ZWG+17, MHG18]. **CoupModel**
[HJS+16]. **course** [GBB+11, PF18, WJK11]. **covariance** [WBC+12]. **Cover**
[Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17e, Ano17f, Ano17g,
Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano18x, ADF+17, BFKS16,
CKMD14, DK17, FLY13, FCFT16, FC11, Jør14a, LLZ+16, LWL+17b,
LDP14, LVZ+11, LCDJ+12, TSB+18, XLR11, dFMdSA18, dJGM+18].
Coverage [LCAJGFNS14, FBDZ12]. **cow** [GBR+13a, GBW+15]. **cowberry**
[LM19, Log19a]. **cows** [Mat17]. **CQESTR** [GE17]. **crab**
[MTZ+10, PPDF14]. **crafting** [RIMPBT19]. **Crassostrea**
[GBB+11, LLC+17]. **crater** [IBD+19]. **crayfish**
[MJB+11a, MJK+17, ZLY16]. **CRC** [Jör11a]. **creaons** [AG14]. **creates**
[WYS12]. **Creating** [LF11, HPC13a]. **creator** [KKBZ17]. **credit** [OE12].
Creek [NFU19]. **Crepidula** [MG18, MHG18]. **crickets** [BG11]. **crisis**
[BU11b, SS10, YL17]. **criteria**
[MDG10, RLB+12, SHX+12, VFFP16, ZWW+18]. **criterion** [MU10, ZZT13].
Critical [SEHD18, Bae18, Flo14, JSL+10, NKSA13, PMBM11, RBRK16,
Sci11b, SWZ+12, SA16, SW15, SB15, XYTS19, ZSKI17]. **critically**
[HBT+18, MFB17]. **critique** [HBT+18, Pat10, PGW19]. **croaker** [DMR13].
Crocosphaera [GRD+14]. **crop**
[AVL+11, AWL+13, BPM+17, CLLB12, CC14, CB19, CDT10, Con14,
CBA16, DBJ13, FYWA12, GDT+14, GCCB18, GCK+15, GBP+10, GLS+17,
HGE+10, KCLL14, LRM+14, LWKS10, LZZ+14, LBC14, MBLC14, MGB13,
MBA+19, MJGC13, MWD+15, Nei11, NBK+11, Och10, OQH+13, PHvB+18,
PRP17, Pie10b, Pie10a, PANL11, PVB16, SX11, SMS+13, SBRD10, Tat16a,
TAT+16b, THBF+17, YWH15, YDD+13, ZCS13, ZTL+17, SLZ+18].
crop-disease [PHvB+18]. **crop-wild** [GDT+14]. **cropland**
[LLT+14, LLZ+16, LLT+17, QlSeZ+10]. **croplands** [KHW+17]. **cropped**
[GNB+14]. **cropping** [HGSJ15, KKBZ17, SVL12, WTL17]. **crops**
[HQF+17, MCWG21, STSA10, TWL11]. **Cross**
[LBR16, Pie10a, ZLG16, LJ10, MAMNL+15, SLB+18, TZS+14]. **cross-farm**
[LJ10]. **Cross-lake** [ZLG16]. **Cross-row** [Pie10a]. **Cross-scale**

[LBR16, TZS⁺14]. **cross-temporal** [MAMNL⁺15]. **cross-wavelet** [SLB⁺18].
Crossing [dS18, DTS⁺12]. **Crossing-effect** [dS18]. **crossings** [PGATS13].
Crow [KRE⁺18]. **Crown** [UDP17, BLB⁺17, VALC12, CDK⁺17].
Crown-of-Thorns [CDK⁺17]. **crowned** [BFJZ⁺11]. **crowns**
[CLBSG11, EKB18]. **crucial** [BBJV⁺11]. **crude** [BPU11]. **crust** [SBDA16].
Crustacean [COK⁺11]. **crustal** [DB15]. **crustose** [BPN12]. **cryptic**
[NBSGW19]. **crystallinus** [SKPHW16]. **CSR** [BBL11b]. **CTEM**
[HBA16a, HAA⁺21]. **ctenophores** [AALP18]. **cuckoo** [JHHS17]. **Cucurbita**
[GLSA⁺11]. **Cuenca** [HGBA⁺13]. **Culex** [JSB⁺14]. **cultivar** [ZBS14].
cultivars [KYvdPS14]. **cultivating** [HWH⁺18]. **cultivation**
[BAP18, FPO18, GCR18, MJF19, OQH⁺13]. **cultural** [MBLC14]. **culturally**
[GWR11]. **culture** [Abe10, Abe13, CHCC15, RRHH10, ZZL⁺19]. **culvert**
[FN18]. **Cumulative**
[TBJ⁺15, CSS⁺16, Hoa11, LYSW15, SHX⁺12, TdS12, XPY⁺14, YKCN10].
cunicularia [EGMW12]. **Cunninghamia** [WZD⁺14, ZXD⁺13]. **Current**
[SBC13, EEFE⁺11, MNK⁺21, MK19, SvBH⁺14, SLSS15, SA16, ZLFI11,
ZZZW15, GEZ⁺13, HKM⁺18, KKH⁺17, KEM⁺16, MKL14, RBGB16].
current-driven [ZLFI11]. **currents** [HRWT12, MLW⁺15]. **curve**
[CBCB17, CL10, CLW⁺19, MLK⁺11]. **curves** [HM10]. **cusk** [CRQW18].
cusk-eel [CRQW18]. **customary** [GWR11]. **cutaneous** [RMP⁺18]. **cutting**
[CAC⁺16]. **cyanobacteria**
[CRB16, Hel10, HB10b, HB10a, MHC16, ZRC⁺15]. **cyanobacterial**
[SAI10, SLW⁺14]. **cyanobacterium** [GRD⁺14, GMvV17, LZYH19].
cybernetics [Nie16]. **Cycle** [JMdW⁺10, UAB⁺11, Abe13, BH13b, BFM11,
BRKP16, DLL⁺19, DLZ⁺17, DLD⁺11, DRS⁺16, GRRU15, qHLlZ⁺16, HN14,
HSHF⁺13, HPGM18, HB10a, HB15, HBB15, JWX18, KK12b, KBMM15,
LJB12, MJP⁺12, MBRR13, MRG13b, Nak17, NP18, PMH17, RSCS19,
RPGSCF16, TPO⁺18, WGE⁺19, Wol11, ZHCX15]. **cycles**
[AL16, BB10, CLL14, DCMK11, FS14b, HPG⁺10, KVS17, PP16, TNTH11,
VWTA16, WR18, ZPZ⁺15, ZLLC13]. **Cycling**
[ZB15, CT11, CGM⁺14, HB14, JN15b, JDGJ13, KS18, KWS⁺13, KJMA11,
LLZ⁺15, LZL⁺18, MJC⁺11, SSF14, Til21, TRE⁺12, WB17, WJF⁺11].
cyclops [KR14]. **cygnus** [LMBL12]. **cypress** [UKI⁺11, Oga11]. **Cyprinus**
[CEWW18]. **Cystoseira** [FAC⁺19b]. **Czech** [HV15].

D [CPS⁺14, Con12, IFC14, Jør14b, MBUM12, NGR⁺11, VLF⁺17, AHNK13,
BVGR⁺17, BCB⁺11, Con11, DBP16, KPS17, LMT13, MSGG14, MRB14,
MBUM12, MJGC13, PMM11, SRHL11, SMH16]. **D-CMCC** [CPS⁺14]. **D.**
[Pat10]. **daily** [BSC⁺15a, Sim11, SPG11, ZZB⁺18]. **dairy**
[GBR⁺13a, GBW⁺15, SFvB10]. **Dajiuhu** [HZT⁺13]. **Dall** [FYR⁺18]. **dam**
[BCTL16, FN18, ZVS18]. **damage** [BPS⁺11, BPC⁺17, CBP⁺17,
DYMYGO19a, DYMYGO19b, KH15, LJBS12, SRT16]. **Dams**
[BAAB18, dSGGBW12]. **Dana** [MRCW10]. **Danajon** [BWRA16]. **Danaus**
[GPZB18]. **dangers** [BS16a]. **Danio** [HTL⁺14, KNU⁺15, LLC11]. **Danish**

[JN15b, KRCVF16, KvTL$^+$18, NNST$^+$14, WØ15]. **Daoxiang** [WX11].
Daphnia [ECO$^+$14, PLS$^+$10]. **Daphnia-algal** [PLS$^+$10]. **daphnid**
[LHO$^+$16]. **daphnid-algae** [LHO$^+$16]. **Darjeeling** [RBRK16, SGP18]. **dark**
[FS14b]. **darter** [MGWW13]. **Darwin** [Kat11]. **Data** [CC14, KKI$^+$14,
LST15, AHS$^+$17, AB10, AB13, ASV19, ACC11, BLFS18, BG19, BMSLC16,
BBL$^+$17, BNC$^+$18, BGMJ$^+$12, BOW$^+$12, BAJ$^+$11, CGG$^+$18, CGAB17,
CKMD14, CMEP15, CMV$^+$16, CLNN14, CGP12, DSK$^+$11, DOB$^+$15,
DDB$^+$12, DAP18, FDP$^+$10, FKH$^+$15, FN15, FBH$^+$14, FYWA12, FBA$^+$11,
GCA16, GCIB10, HMD$^+$16, HPJ15, HVL$^+$19, HSK17, HMS$^+$11, HS11,
HCL$^+$14, HlLB12, HCP10, HJ10b, HRWT12, HhLY$^+$19, JZ12, JG10, JSCS19,
JJYM19, JBCÑ11, JGX13, JAKJ10, KMRW16, KSZW16, KKL$^+$12, KHS$^+$19,
KNPH$^+$17, KPS19, LJLC15, LLB$^+$19, LBSB$^+$14, LPF11, LBH$^+$15, LBE$^+$13,
LH15, LF11, LCL$^+$13, LJ15c, LVZ$^+$11, LW17, MAO19, MRCW10, MHTC15,
MU17, MCBM12, MVC$^+$17, MAC14, dMHGA10, MK12, MRWN19, MSR$^+$14,
MAMNL$^+$15, MDV$^+$12, MMMGLN$^+$18, MYJ$^+$14, PMBM11, PJ17, Pat14b,
Pér18, PGZ$^+$19, PÓF$^+$18, Pog11, PSS16, ROG$^+$16, RHZ$^+$18]. **data**
[RWVK11, RUSL19, RMHE15, RCBPMN10, RRvdG18, RKNO17,
RPGSCF16, RCS$^+$19, RWP11, SZV14, SHT$^+$21, SMI$^+$19, SHM$^+$14, SVH$^+$19,
SQWS19, SSKJ18, SFL$^+$19, SHB11b, SCG$^+$13, SP12, TRP12, Tul14,
TAGC$^+$16, VRM$^+$10, VALC12, VB10, WB10, WTWS19, WLC$^+$19, WBG$^+$14,
WC13c, XGH$^+$17, YAGMM$^+$14, YSB11, ZSS17, ZLZ$^+$17a, ZKSF17, ZJB19].
data-derived [LF11]. **data-driven**
[DDB$^+$12, MDV$^+$12, MMMGLN$^+$18, SZV14, SQWS19]. **data-poor**
[DOB$^+$15, RKNO17]. **database** [ARTBB14, BSC$^+$15b, HhLY$^+$19]. **dataset**
[CRD$^+$16, TNHB12]. **datasets** [GCDA16, SBC13, Tul14]. **dates** [LCFD19].
davidii [PKD11]. **Day** [MSB$^+$17]. **DAYCENT** [COPP13, RKL$^+$15].
DE-CA [dWcWbZ15]. **de-watered** [CCL$^+$13]. **deal** [WHH$^+$18]. **Dealing**
[GRRU15, MMCBP19, WRM$^+$11]. **DeAngelis** [GB16b]. **death** [JDZC14].
Deaths [VSF10]. **DEB** [GMvV17]. **debris** [HHUD14, RWFD13]. **debt**
[Lab11]. **decadal** [GVGZ$^+$21, KD13, SBC$^+$11, WJvdL$^+$13]. **decades**
[GDC$^+$19, SW19, ZMS19]. **decay** [HSK17, RWFD13]. **December**
[Ano10v, Ano11-35, Ano14f, Ano15b, Ano16q, Ano16m, Ano17x, Ano17-37,
Ano18-34, Ano18-48, Ano19a, Ano19e, Ano12-36, Ano13-36]. **deciduous**
[CPS$^+$14, SMSAN$^+$14, WJvdL$^+$13]. **decimate** [POS$^+$19]. **Decision**
[Gia14, LKAL$^+$13, BGG16a, BFNH14, BPT$^+$19, CVV$^+$13, CGL15, DWD19,
DTS$^+$12, EAJG16, GCCJ12, GAF$^+$14, KRE$^+$18, KK15a, LWKS10,
LAEAG12, NCLP10, ST13, SHX$^+$12, SWGC16, TAT$^+$16b, WC13c, vGKB10].
decision-making
[CGL15, EAJG16, GCCJ12, NCLP10, SHX$^+$12, SWGC16, WC13c]. **decisions**
[An12, ALC12, CAMNN16, JTM$^+$17, SM11, VSPHS15, WALCY12, ZKR$^+$13].
declaring [ALG16]. **decline** [ENC$^+$15, KPTC14, MKTO19, MHRB19,
MDVG$^+$15, NJCF11, Oga18, ODK16]. **declines** [HKM$^+$18]. **decomposer**
[Kei12]. **decomposing** [Hoa11, LKKK$^+$14]. **decomposition**
[BdCS11, DFRT14, GZVU14, HKVR13, Lec17, LCY$^+$13, LW14, LKP13,

MBG$^+$10, SKTG11, TLRL11, ZTJ$^+$10, ZZY$^+$13, ZTL$^+$17, GAC$^+$14].
Deconstructing [GB16c]. **Decrease** [MJB$^+$11a, GAG$^+$12]. **decreased**
[HLZ$^+$18, RGH$^+$13]. **decreases** [Mat13, RWVK11]. **Decreasing**
[Flo18, LDP14, PLS$^+$10]. **dedicated** [GB16b]. **deep**
[FRM$^+$19, FRP18, GB16a, KJVL$^+$17, LZF$^+$14, MSGG14, RIMPBT19, SAI10].
Deepwater [BPC$^+$17, CBP$^+$17]. **deer** [HMPC11, LVLS14, LAEAG12,
MWML13b, PMP$^+$13, RFV$^+$12, WTG$^+$16, WR13b]. **defence** [JL18].
defense [LB15]. **deficit** [KS17a, KS17b]. **define** [MCB14]. **defined**
[CDL$^+$11, MMD$^+$17]. **Defining** [JDT$^+$16]. **definition**
[MWB$^+$10, YqWB$^+$15]. **Definitions** [RRH$^+$19]. **defoliation**
[BPS$^+$11, CAC$^+$16]. **deforestation** [dSD14, dSD18]. **defragmenting**
[MAB19]. **degradation** [BVGR$^+$17, CBGK15, DFW$^+$18, HBS16b,
MMMGLN$^+$18, OES16, TAGC$^+$16, ZC11]. **degraded** [HRSKW15]. **degree**
[CRBC11, LS13]. **Degrees** [RRH$^+$19, CWA$^+$15]. **Deiva** [VB10]. **del**
[FAC$^+$19a]. **Delaware** [FMLM11]. **delay** [BBB$^+$17, ZW12]. **delayed**
[LL17, NYF16]. **delimitation** [SS10]. **Delineating**
[DNFG18, GFW$^+$17, VR12]. **delineatus** [BGC10]. **Delphinapterus**
[MDVG$^+$15]. **Delta**
[LMCA$^+$12, XLS11, XCL$^+$11, LJ15c, AH17, MLS$^+$11, TJYZ11, Yan11].
deltaic [DJS10]. **demand** [AS14, MH13, SGAS14]. **demand-of-energy**
[AS14]. **demersal** [NMA$^+$19, RMR$^+$16]. **DemGenTrout** [FB13]. **demo**
[PP12]. **demo-genetic** [PP12]. **demogenetic** [BAAB18, NMT$^+$19].
demogenetics [FB13]. **Demographic**
[CMA$^+$13, ECO$^+$14, Fuj16, LJ15b, NBSGW19, VSF10]. **demography**
[TNTH11]. **demonstrated** [CRO13, HD14]. **demonstrates** [WJvdL$^+$13].
Demonstration [FSB13, SSN$^+$18]. **DEMs** [MLG$^+$18b]. **dendritic** [PW10a].
dendrobatidis [ACCM16]. **Dendroctonus** [PB14]. **dengue**
[EPA$^+$10a, JVY19, MD16, ZYXT18]. **denitrification**
[IMW$^+$17, KGYG15, SGKR10, GAC$^+$14]. **Denmark** [CVPR$^+$16]. **dens**
[LPSC16]. **densities** [BM11]. **Density**
[KUI$^+$18, LB17, Rai13, WUB15, AGJ$^+$12, Agu11, ACDC17, AOW12,
AOW13, BSW18, BM11, BLB$^+$17, CVS$^+$13, CGS$^+$17, FT16, HMPC11,
HFSL14, HKP10, IWW12, JSB$^+$14, JDZC14, KSS11, KSM$^+$18, Kos17,
KUK11, LSR13, MLW$^+$15, MHTC15, MIC14, MCA18, NZL13, NYF16, PC15,
PKMH16, PB14, RHO11, RW10, SC18, SK10, SSQ$^+$10, SED15, SU15,
SKPHW16, SW15, TMPF18, TQZ12, WGTH16, WFA$^+$13, YZ16, ZSSR18].
density-based [BLB$^+$17]. **density-dependence** [ZSSR18].
Density-dependent [KUI$^+$18, WUB15, HFSL14, HKP10, JSB$^+$14, MIC14,
PKMH16, PB14, RHO11, RW10, SU15, SKPHW16]. **density-independent**
[SK10]. **depend** [MPG18, RCSS13]. **Dependence**
[FSB13, AGJ$^+$12, ABB$^+$14, BSW18, BPN12, CGdCCPCPM14, MCA18,
Nak17, QCLW18, SC18, ZSSR18]. **dependencies** [Ju19, PGS16]. **dependent**
[BEPC15, DFF17, FC11, FML$^+$17, GHH$^+$15, HFSL14, HD16, HKP10, Jen12,
JSB$^+$14, KSS11, KUI$^+$18, KDMPC10, KMS$^+$12, KMS$^+$13, LDB14, MBBA17,

MSCM18, MIC14, NYF16, PKMH16, PB14, PDG⁺14, Rai13, RHO11, RW10, SED15, SBA⁺13, SU15, SKPHW16, WBC⁺12, WUB15, WCG⁺11, YL18]. **depending** [BDG⁺14]. **depends** [HBL18, Log19b]. **depensation** [CAL13]. **depleted** [BWML15, ZCR16]. **depletion** [BS13, BKN21]. **deployment** [JMW11]. **deposition** [CL10, GBG⁺15, LY16, TRE⁺12]. **depression** [LBW18, YY13]. **depth** [MFS18, NMA⁺19, PBFS14, WFN⁺16]. **depth-based** [NMA⁺19]. **depth-resolved** [MFS18]. **Derivation** [HLL⁺19, WSSM15]. **derived** [AK17, GLC⁺15, HJS⁺16, LF11, MAO19, MHMRAHHS19, NMdR16, PLR⁺13, SBVA⁺13, ZJL⁺14]. **Deriving** [LSS⁺15, SHBG10, SWGC16]. **describe** [AMF12, DFF17, GMvV17, MHMRAHHS19, MCPB13, RSCS19, TF13, WXB10]. **described** [BO14]. **Describing** [BC12, YL18, FPG11, TMC⁺16, VRL18]. **Description** [KSAS12, SM13, AHS14, BP17, BKB10, GBR⁺13a, IMW⁺17, KS17a, KS17b, KCB⁺17, RSCS19, WWYO18, XSN⁺18, ZLF⁺15, ZLZ17c]. **Descriptive** [TS11, VAK⁺11]. **descriptors** [BGA17]. **desert** [LLC⁺21, SYY⁺19]. **desertification** [CLMA19, CpW16]. **desiccation** [ALeSD17]. **Design** [LYC⁺15b, AS11, hCjHMW18, CR11, CR12b, DÖWB12, KRE⁺18, Ken19, KCP⁺15, KBMM15, LBR⁺17, LLL17, MRP14, SR14, SHS11, TB12b, YHS⁺11, YZLX14]. **Designing** [GOSH⁺12, HCE⁺19, LYC⁺15a]. **designs** [FMF12, WN17]. **desman** [BRV11]. **despite** [BAJ⁺11]. **destruction** [PL10b, dSJHG10]. **detail** [AVL⁺11]. **detailed** [GMTC⁺17]. **detectability** [LW17]. **detected** [VRA⁺17]. **Detecting** [LW17, MLK⁺11, OGG⁺16, PVB16, RWS⁺15, San11]. **Detection** [HGPF15, BMP⁺19, BOW⁺12, GMK⁺19, HTB13, HTB17, KKP⁺11, MdMS⁺19, TB12b, VB10, WSC⁺19, ZR19]. **detection-censored** [WSC⁺19]. **detections** [FYR⁺18]. **determinant** [BND19]. **determinants** [VEK12]. **Determination** [KHJ⁺19, LCCL15, San11, FML⁺17, KUK11, LYCZ11]. **determine** [BSHG16, CD17, CMGF14, FSN⁺15, Fis21, GO15b, GJK⁺15, LPD14, PTL14, VEMS12]. **determined** [GK14]. **determines** [SXNL18, SSR16, WYS12]. **Determining** [IKL14, KvOP10, PSWW11, ROC⁺13, ZLLZ13]. **Deterministic** [F.11, HBT⁺18, DR17, FM10, MYHN17]. **deterrent** [ZHV14]. **detoxification** [GBB⁺11]. **detrital** [DVD⁺14]. **Detritus** [LW14]. **devaluation** [GKL18]. **Devaluing** [LR16]. **develop** [FCA18, HLS⁺14]. **developed** [BBH⁺17, JN15b]. **Developing** [DLL18, KEM⁺16, LHB⁺18, PWK⁺17, SDSH15, SLRC19, SB15, BFR17, KBMM15, LHZN11, Sol19, ZLB14]. **Development** [AAJB21, AD12, BWC17, BKM⁺18, BOF⁺16, CAY⁺10, DWD19, DAW⁺10, DBJ13, GJM⁺13, GBW⁺15, HBH⁺12, JMdW⁺10, KK13, KWS⁺13, LAD11, LWKS10, LkSXhX17, MKSL⁺17, MJLC14, MBA⁺19, PGGMMA19, RR10, SHT⁺21, SAR11, THO10b, VSB13, WPZ⁺11, WXB10, YY11, ZLZS14, AK17, ALeSD17, AOD⁺13, BBA12, BHC⁺15, BFM11, CHPS17, CLLB12, CC10, DLZ⁺17, Els10, GZK⁺11, GHH⁺15, GAF⁺14, GB15, HS13a, HSVL12, HOŠ⁺12, JZG10, LBA14, LBA15, LWL⁺17a, LYCU14, LLP17, LBGM19,

MDW⁺12, MVC11, MGW⁺21, Nak17, NvGZ⁺16, Oga11, OKS⁺11, RML⁺15,
RHB14, RCC⁺11, SFC⁺12, TCSG15, TVF⁺10, TSSL11, WSW⁺13, YYQ11,
YLHZ14, YXD⁺18, ZGJ10, ZYFL10, ZLC13, ZWG⁺13, ZLF14, ZFZ⁺14].
developmental [NU11]. **developments**
[EEFE⁺11, GPM16c, Jør10b, LB17, VASH⁺16]. **Deviations** [ZNS⁺18].
Diadromous [RDD⁺14]. **diagenesis** [ZSJ15]. **diagnostic** [SNS⁺12].
diagnostics [DMDJ13, DAP18, Lin10, Lin16]. **diagram** [LT15, SvdR10].
Diameter [RLS11, WK11]. **diamondback** [SFHK12]. **Dian** [XWW⁺11].
Dianchi [SLW⁺14]. **diapause** [MPGCS14]. **diatom**
[CWLC13, HB15, KNM⁺10, VRL14]. **diatoms** [ZYZ17]. **diazotrophic**
[GRD⁺14]. **Dicentrarchus** [PAGCV⁺10]. **dichotomous** [GTM⁺19]. **dictate**
[FE14b]. **did** [Sci11b]. **dieback** [HS11, VAO⁺17]. **Diel**
[TPO⁺18, BVJE18, HBB15]. **diet**
[DGKSM13, MAC14, PLR⁺13, SWS16, ZAW⁺18]. **differ** [FML⁺17].
differences [AR11, DSJ19, DDR⁺14, KYvdPS14, SKL⁺13, SM14, YKZZ14].
Different
[VMSM10, AHS14, AKvO⁺10, AKLB19, BCP15, BMN11, BC13, BKMK10,
CNH⁺11, DAA⁺12, FCV⁺12, GHWG⁺14, GCDA16, GSPSP15, GWF⁺18,
HHvO⁺17, HWL17, IKL13, JDT⁺17, JDP⁺12, KPLS15, KLS⁺14, LS10,
LHR⁺15, LL18b, MPR13, MRM⁺17, NYIH17, OCB⁺13, PDV17, RBM⁺17,
RLB⁺12, SZ14, SKMB11, SXNL18, SWR⁺16, TDH12, Tie16, dHR18].
differential [BBB⁺17, MMC11]. **differentially** [BRMW18, WRMB18].
differentiation [GGZ14, qHLlZ⁺16, ZWG⁺17, SJP14]. **diffuse**
[PMBM11, RLHD11]. **diffusion** [BPK⁺16, BJR16, BRF⁺11, EGA12, HYG14,
PvVC13, SSW⁺18, TB11, TB12a]. **diffusive** [AMF12]. **diflubenzuron**
[MHRB19]. **digesta** [GBW⁺15]. **digital** [YZLX14]. **digraphs** [Pat15].
dilemma [DML15, RUSL19, RHS⁺15, RHD⁺16]. **dilution** [CHZ18].
dimensional [AHM⁺16a, BLH10, BKB10, DBK⁺13, FRM⁺19, HFB⁺11,
KB11, LkSXhX17, LZYH19, MBSF14, MH10, PDAL14, PBK14, SELB10,
WPG15, WQD⁺13, XCR⁺13, YWY10, YZG16, ZSJ15]. **dimensions**
[CXL⁺19, Flo18, LB18b, SG11b]. **dimming** [GLS⁺17]. **dinoflagellate**
[HHC15]. **dinoflagellates** [KTK⁺15, KDT⁺17, ZYZ17]. **dioecious** [MRB14].
dioxide [ACN14, GHP12, KRL⁺16, KVS17, MKF⁺11, MPM⁺15]. **diploproa**
[GC11]. **Diptera** [KTV⁺15, LIM⁺16]. **Direct**
[LMDG14, BRB14, DPBS10, FG11, LCR12, MDH15, RSP⁺17, ZCSL18].
directed [DDB⁺12, FMA⁺12]. **directing** [YY13]. **direction** [CD17, KK12a].
Directional [SG16, SMKM19]. **directions**
[FCLFB18, GPM16c, KR10b, LTL⁺19]. **Directive** [BMU10]. **dis** [RH17].
dis- [RH17]. **disaster** [WLZC11]. **disasters** [HYG14]. **discards** [MMD⁺17].
Discerning [ODK16]. **discharge** [ER10, JCKG15, ZZZW15]. **disciplinary**
[LP17]. **discors** [KK12a]. **Discovering** [HSCS14, TPL⁺15]. **Discovery**
[Jør14a]. **discrepancy** [PBP⁺15]. **Discrete**
[MPR13, BP19, CC10, dSCdA19, EEK⁺18, KMMS17, Log16, PES19, ZJB19].
discrete-structured [Log16]. **discrete-time** [KMMS17]. **Discretizing**

[RRvdG18]. **Discriminating** [CAMNN16]. **discrimination** [SVH$^+$19].
Discussion [CXL$^+$19, SW11]. **discussions** [LMY$^+$11, PL10b]. **disease**
[BJK$^+$16, BG15, BPK$^+$16, BSCG10, DVL11, HMPC11, HM18a, HM19,
HGSJ15, LBR$^+$17, LBR16, MLK17, Mur13, NPJ$^+$17, NTK14, OFGH$^+$19,
PHvB$^+$18, PSBH16, PKW$^+$10, PMP$^+$13, SM12, TF13, WGSR19, YLW14,
YSB11]. **diseases** [STSA10, SM10, SDS$^+$21]. **disentangle**
[MYHN17, MDH15, VHDM17]. **Disentangling**
[CHNdÁP18, EAB11, PNT$^+$19]. **Disequilibrium** [Loe18]. **Dispersal**
[BSHG16, BRF$^+$11, CH19, FC12, KBB$^+$11, LCC$^+$14, SSR16, AAME11,
ABGB15, BFJ$^+$11, BKV17, BEPC15, BBGJ13, BG11, CMM$^+$10,
CHNdÁP18, CH12, Che15b, CV19, CDG15, DWNN10, DCCS17, DDB$^+$12,
FDP$^+$10, FMA$^+$12, FPG11, GPJL15, GVGZ$^+$21, GPTR13, GTM$^+$19,
HRWT12, Joh10, KSI14, LM13, LLL$^+$10, LLH$^+$13, MPKC12, MBG17,
MdlP15, MLMH18, MMPG16, NLMdL10, NPJ$^+$17, PGATS13, PKMH16,
PSWW11, PvVC15, PB14, RHW17, RHO11, RRJVA13, RHD$^+$13, SSBJ12,
STSA10, SBM$^+$11, Slo11, SPWR17, SMKM19, SRM11, SGDP19, Str15a,
Str15b, TKN14, TDF$^+$19, VF16, VCE17, VAO$^+$17, YDT$^+$13, ZW11].
Dispersal-mediated [FC12]. **dispersal/colonization** [Str15a, Str15b].
dispersed [BFNH14]. **dispersion**
[GJM$^+$13, OAPP12, RAM10, RPC$^+$17, SSW$^+$18, WCZ11, ZC11, ZWJ$^+$12].
displacement [FC12]. **disrupt** [ZHV14]. **Disruption** [KL12, MBM$^+$18].
Dissecting [TNTH11]. **dissimilarity** [BS19]. **dissipation**
[MPT$^+$11, YFL$^+$18]. **dissipative** [HWH$^+$18]. **Dissolved**
[JNC$^+$11, NFU19, ASL13, BA14a, CGdCCPCPM14, HN14, KH11,
LKKK$^+$14, MH13, MGW$^+$13, OSS13, PJ16, RRR$^+$10, YFL$^+$18, ZJM$^+$13].
dissolved-oxygen [MGW$^+$13]. **disstria** [BFA11]. **distance**
[CGS$^+$17, GPJL15, GPTR13, KB18, KK12a, MBG17, PWGS$^+$17, SSR16,
Str15a, Str15b, THJ$^+$12]. **distance-based** [KB18]. **distance-invariant**
[THJ$^+$12]. **distances** [KRL11, RDJ19]. **distemper** [BG15]. **distilled**
[Jen12]. **distinct** [SM12]. **Distributed** [GCK$^+$15, AADA14, AD12, GCB$^+$11,
KW18, LKMCW14, MHG18, SEHD18, WPB14]. **Distribution**
[BRL12, OT15, RHR$^+$15a, RDD$^+$14, AMRH19, AFC12, BCC$^+$11, BEZ19,
BGA17, BS15, BTS19, BP16, BP17, BBJV$^+$11, BGD$^+$16, BS16a, BGG16a,
BGMJ$^+$12, BPM$^+$15, BG11, COBF13, CKMD14, CMEP15, CPAG15, CD15,
DCMS18, DKJH13, DLvGGNC16, EZ14, FLX$^+$14, FMW$^+$19, FJH15,
FCLFB18, FAPM12, FCA18, FAT$^+$15b, FKK$^+$18, GCDA16, GGV10, GGV13,
GA15, GdSHA10, GMLRF10, GMC$^+$19, GC14, GJK$^+$15, GLY$^+$15, HSLC$^+$19,
HMD$^+$16, HFH$^+$19, HHD12, HM10, HCM$^+$18, HJN12, HM17, IBH$^+$15,
JVY19, JTM$^+$17, JCKG15, JGX13, KTK$^+$15, KCG18, KMP14, KSG$^+$14,
LMR16, LBE$^+$13, LSJG17, LHW$^+$15, LPT$^+$18, LDM15b, LDC$^+$16, LCS11,
LWNG13, LRB12, MAO19, MU17, MMCBP19, MMS12, MCS$^+$18,
MHMRAHHS19, MUP$^+$13, MDH15, MK19, MPP$^+$15, MMC$^+$19,
MAMNL$^+$15, MHY$^+$15, MSO10, MDG10, NP15, OOFVBC16, PPZ$^+$17,
PSG19, PMB$^+$19, PK14, PMF$^+$13, Pie10a, PGS16]. **distribution**

[PLHG14, PMS11, PBK14, RWVK11, RvKM10, RRJVA13, RHR⁺15b,
RDR⁺17, RR10, RCS⁺19, SZSV12a, SZSV12b, SBM⁺12, SGA⁺16, SAI10,
SGM⁺14, SSKJ18, SKL⁺13, SP10, SP11, SSM⁺13, SHS11, SLD⁺19, TAC⁺14,
TJYZ11, TQZ12, Tul14, VVH12, VZF⁺11, WJS⁺18, WBB⁺21, WXB10,
WKF⁺17, WZL⁺16, XCR⁺13, ZSG12, dSD14]. **distribution-based**
[KCG18]. **distributional** [PC16]. **distributions**
[AG11, AFC11, BBL11a, CDR⁺13, CBR⁺16, CS17, CPS⁺19, CDM13,
FMF12, FPG11, FBKS17, GCA16, GGV11, GVV⁺16, GSSM13, HEJP17,
JDP⁺12, KFWM19, KPK⁺17, MWK19, MSV12, QDH⁺10, RvS16, RKS⁺10,
RVNB11, SW19, SJB⁺16, TCSG15, VLF⁺17, ZJB19]. **District**
[YLHZ14, KUK11, TNA⁺17]. **Disturbance** [GO15b, PBG⁺17, BFJZ⁺11,
BSS⁺14, CNH⁺11, FBDZ12, GHST19, Gat18, HMS⁺10, HOKH18, JGB15,
KK13, KMF⁺21, LB11, LKG⁺17, LLH⁺17, LVZ⁺11, MSCM18, PD12,
PDD⁺18, PNHL14, SHB⁺11a, SM13, XCG⁺16, YHW19, dSJHG10].
Disturbance-grazer-vegetation [PBG⁺17]. **disturbances**
[DVF⁺19, FTYI13, HM12, LAK⁺21, SFF⁺11, YLZ15, YBA⁺16]. **disturbed**
[MCL⁺17]. **diurnal** [GBR⁺13a, KK12b, MvdWU⁺16]. **divergence}** [Abe15].
Divergent [SWR⁺16, SK15]. **Diverging** [MCS⁺18]. **diverse**
[FS14b, For18b, KYvdPS14]. **diversification** [MKH⁺17]. **diversified**
[SJS⁺13]. **Diversion** [GCL⁺19, CCL⁺13, YY11]. **diversion-type** [CCL⁺13].
diversions [WCL⁺17, dMLM⁺17]. **diversity** [ABR12b, ABR12c, Ban11,
BRMW18, BME14, CHR⁺13, CHZ18, CBB19, DDR⁺14, Fuj16, GEEC14,
GEZ⁺13, GCCJ12, Gre12, GWF⁺18, GEB10, HBSF16, KPMJ14, LLQN13,
LZF⁺14, MBG⁺10, PGR⁺16, PBG⁺17, PPO12, RKBG14, RHD⁺13,
RHR⁺15a, TBL⁺15, TPO⁺18, VCD⁺17, VH12, Wal15, WRMB18, ZJG10].
Divide [LM16]. **divided** [MAB19]. **division** [BHHM10, VVA⁺15]. **DMSP**
[WLC⁺19]. **DMSP-OLS** [WLC⁺19]. **DNA** [Abe13]. **DNDC**
[GAC⁺14, LWL⁺17a, LYD⁺17]. **Do** [FL11, GVV17, MSV12, NLMdL10,
WRB⁺12, XM13, CHR⁺13, SHC⁺15, SPWR17, TL15, VPM⁺18]. **DOC**
[JNC⁺11]. **DOC-3** [JNC⁺11]. **documentation** [SAKB⁺10, THO10b].
Documenting [GAF⁺14]. **Does** [FHAG12, FE14b, Log19b, MPT⁺11,
MHS⁺17, RCSS13, RVB⁺10, SP10, VVA⁺15, BL15, CLHH19, Sil11, ZKSF17].
dog [PKB⁺18, YRGH16]. **Dogs** [BG15]. **dolphin**
[BWC17, MMCBP19, PNHL14]. **dolphins** [SGSR10, dJHMS19]. **domain**
[LNB17, LJB12, PWK⁺17]. **domain-level** [LNB17]. **domain-specific**
[PWK⁺17]. **Dome** [YZ18, KOBK13]. **Dome-shaped** [YZ18]. **domesticated**
[GLSA⁺11]. **dominance** [CD16, FRP18, MSG⁺13, SB11]. **dominant**
[HGPF15, IKK⁺12]. **Dominants** [HM18b]. **dominated**
[Ano12s, CPS15, GRL18, JHH⁺12, LBWW14, MCW13, NFU19, OCB⁺13,
SLW⁺14, XYCZ11, XYCZ13, XYY⁺16, ZWJ⁺12, ZLY⁺13]. **domingensis**
[ESA12]. **dominica** [YWA⁺17]. **Donald** [GB16b]. **donkeys** [SU15]. **Donor**
[GFC15]. **dorée** [LPPA15]. **dormancy** [BCL⁺14, MBBA17, SMLH⁺11].
dormant [ASS14]. **dose** [BPK⁺16]. **Dosidicus** [ZBMBDU⁺17]. **Doubtful**
[PNHL14]. **dougallii** [GQNMR18]. **Douro** [ABD14]. **dowels** [SBC⁺11].

down [FMF12, MBD$^+$18, PMBB$^+$16]. **down-sampling** [FMF12]. **downed**
[RWFD13]. **downwind** [GKKW10]. **DPSIR** [SDSH15]. **drainage**
[MKSL$^+$17, ZF11]. **drained** [HJS$^+$16]. **Dreissena** [KVP16, Lin15b].
dreissenid [JXL$^+$15]. **dreissenid-colonized** [JXL$^+$15]. **drier** [HWE$^+$18].
Drift [GJM$^+$13, AHNK13]. **drifting** [CVPH$^+$14]. **drive** [CHPS17, Rai13].
driven [BMR$^+$18, Ben12, BNC$^+$18, CTB$^+$12, DDB$^+$12, FKH$^+$15, FTK$^+$14,
GPJL15, HDL$^+$16, KM12b, KdVRdW17, KWGW19, LDO$^+$18, LLZ$^+$15,
LMCA$^+$12, MJLC14, MDV$^+$12, MMMGLN$^+$18, PHP$^+$14, PSBH16, SZV14,
SQWS19, TSM$^+$15, ZLFI11]. **Driver** [CpW16, GHST19, STJ15].
Driver-system [CpW16]. **drivers**
[ABD$^+$18, ACK$^+$14, CSS$^+$16, HBS16b, HSM$^+$12, JXL$^+$15, KSI14, LSH15,
MPG18, MCP16, PDAL14, RPP$^+$15, SHM$^+$17, TNTH11, VPM$^+$18, WCS$^+$14].
drives [Gra14, HKM$^+$18, PGA$^+$11]. **Driving**
[CWLL15, SCG$^+$13, BU10, BU16a, DMZ$^+$19, MNEG11, VEMS12]. **drones**
[AOW13]. **droplets** [DKM$^+$14]. **Drosophila** [CMH14, LAR$^+$16]. **Drossel**
[ZJG10]. **drought** [FMS13, JWX18, LCH12, LZF$^+$14, MBW14, MEC14,
SLZ$^+$13, TGB$^+$17, WYHC15]. **droughts** [XC14]. **drowned** [BdCS11]. **dry**
[HBG$^+$16, HSVL12, JG10, ZCYL15]. **dryland** [CNH$^+$11, GE17, LZLC13].
drylands [CpW16, STJ15]. **DSSAT** [DJA$^+$10, DBJ13]. **dual**
[CXW19, JHHS17, Par10, Ula10]. **due**
[BMR$^+$18, CCL$^+$13, CBA16, dSCdA19, MJB$^+$11a, OJ10, PTA$^+$12, PVL$^+$14,
PL10b, RGH$^+$13, SM14, vPTOW18]. **dune** [HCW$^+$17]. **Dunker**
[dÁSMRT$^+$19]. **durability** [HGSJ15]. **duration** [CGB$^+$13, TCSG15].
during
[BdCS11, CAMNN16, CMLY19, CLDRJ18, Fel12, HKN17, KHL$^+$16, LSJG17,
LBC$^+$15, PMB$^+$17, RJ17, SSY14, SBC16b, Vav12, YSA$^+$14, ZLW$^+$15].
dusky [SGSR10]. **dust** [SH18]. **Dutch** [HV12]. **dux** [CMEP15]. **dyad**
[KKP$^+$11]. **Dyer** [WSW$^+$16]. **Dynamic** [BGMFES15, FCH$^+$17, JBH$^+$14,
JA15a, LSJG17, MJB$^+$11a, MDF$^+$18, PBEL17, RBH13, Til21, VRC17,
VRL18, WN17, WO14, ZR19, AYASR$^+$17, AD18, BSH17, CW17, Che10,
CSFR15, DAA$^+$12, DA17, EPA$^+$10a, FSV$^+$12, FS18, GvdWBS11, GBW$^+$15,
HFH$^+$19, HPS10, Hei11, HCM$^+$18, HAOS17, HBL18, JWX18, KM12a,
KJH$^+$13, KP10, LJBS12, LBZA19, LJR14, LH15, LWGH13, LLZ$^+$15, LZS$^+$17,
LLH$^+$17, LYCU14, LPD14, LJCG15, MBLC14, MBHW12, MLMFN$^+$15,
MRG13b, NMC$^+$14, NF11, PBFS14, PLL$^+$19, PGGMMA19, RFZB12, RR12,
SBC13, SMLH$^+$11, TLLX19, TŠAD12, TJYZ11, Til14, TLS$^+$16, WR17,
YJW15, YZG16, YKvWK16, ZGJ10, ZSF$^+$12, dMSL$^+$16, vDSC$^+$10,
vDHH$^+$14, DLL$^+$19, GPH17, GMvV17, JZ12, LLC$^+$17, PLS$^+$10]. **Dynamical**
[BPK$^+$12, LDM15a, BRHD15, DAF$^+$11, DH18, GLT10, JSKK15, OBC$^+$21,
PRP17, TAR13, WLR18]. **Dynamics** [Ano12a, BO14, DPR10, NS15, NYF16,
NSN17, OLC$^+$17, RDD$^+$14, VGR$^+$11, ZFG13, AD13, ACCM16, AAME11,
ACKS13, AD12, ACM15, AGB$^+$13, AWSS14, Ant14, ARV$^+$16, BFA11,
BCB$^+$11, BBB$^+$17, BKV17, BMMC21, Ben12, BLB$^+$17, BT16, BSC$^+$15b,
BVVS15, BPK$^+$16, Bin17, BNC$^+$18, BKMK10, BCI$^+$17, BSCG10, BD18,

[FAC$^+$19a, BHC$^+$15, CPR10, CAC$^+$16, DLW$^+$17, EH15, EH19, GPR$^+$13,
HMPC11, LLC$^+$17, NB11, PWK$^+$17, RWFD13, RTE$^+$15, SM14, TL15,
WCL$^+$17, XKI$^+$11, ZLB14, MR17, NBD$^+$13]. **easy** [DR14]. **eating** [DF13].
Eco [WL13, AMG19, ARV$^+$16, BC13, Bev15, BPD$^+$19, CHTC11, CZCL18,
CJC11, DR17, DLZ$^+$17, JN14, LDL12, LTL$^+$13, LB18a, MJB$^+$11a, Nak17,
NP18, Pat10, RHQ$^+$16, TKW17, VFB19, XYCZ11, YXD$^+$18, YHZ19, ZGJ10,
ZZF15, ZWG$^+$17]. **eco-agriculture** [LDL12]. **Eco-City** [WL13].
eco-efficiency [YHZ19]. **eco-environment** [ZWG$^+$17]. **eco-evolutionary**
[AMG19, ARV$^+$16, RHQ$^+$16]. **eco-exergy**
[BPD$^+$19, CZCL18, CJC11, JN14, MJB$^+$11a, VFB19, XYCZ11, ZGJ10].
eco-genetic [DR17]. **eco-hydrologic** [Nak17, NP18]. **eco-hydrological**
[BC13, LB18a, YXD$^+$18]. **eco-industrial** [DLZ$^+$17, ZZF15].
eco-physiological [LTL$^+$13, TKW17]. **eco-resilience** [CHTC11].
eco-systems [Pat10]. **EcoBase** [CVG$^+$15]. **ecodynamic** [JZG10].
Ecodynamics [Tie11]. **ecohydrologic** [KF16, KJS13]. **Ecohydrological**
[QWJL19, AAFH15, GCK$^+$15, GLRT16, HGPF15, LZS$^+$17, YYL13]. **Ecol**
[ABR12b, ABAG16, Ano12a, BRV11, Bar11, BMF$^+$11a, CCW$^+$15a, Con12,
CR12b, DYMYGO19a, ERGW$^+$11a, GORJ12, HM19, HLLO13a, Jør15a,
KS17a, KMS$^+$13, mLcLJ16, LSJ$^+$19, Lin16, MJL$^+$14, MSCH14a, Och10,
Pat10, SMT19b, Str15a, WGA$^+$12, WLS$^+$11, YTT$^+$11, ZLJM17b]. **ecologic**
[Fai10]. **Ecological** [Ano13u, ADL$^+$10, BFS11, CWLC13, CC11, CCF13b,
CPE13, DBG14a, EH19, GWR11, GLSA$^+$11, GPR$^+$13, GWZ$^+$15, KA17,
KAF$^+$14, KEHG17, LYP$^+$11, LPA$^+$11, LBK$^+$13, LHL18, LYCZ11, LYC$^+$15b,
LLP17, MDG10, NGR$^+$11, PBL$^+$15, PAEE19, QCB$^+$11, ROC$^+$13, RHO$^+$12,
SELB10, Sol19, TLL$^+$17, TM14, TZS$^+$14, VMG$^+$12, YLZ15, ZC11, ZYFL10,
ZZF15, ZYKS15, ZLZ17b, ZLZ$^+$17a, ZMH19, ABS17, AG15, AD18, Ano12t,
ASP$^+$15, ACK$^+$14, ABL$^+$13, AVG14, BCC$^+$11, BGMFES15, BBJV$^+$11,
BS16a, BPB$^+$18, BGG16a, BA14b, BOGA14, BB18, BSMA18, BRHD15,
BFJL15, BLCPB11, CNH$^+$11, CBC$^+$16, CGV$^+$15, CGGL16, CZW10, CCC11,
CCL$^+$13, Che15a, CXW19, ChHC12, CLD$^+$17, CD16, CPJ$^+$13, CLL$^+$15,
CK12, CGP12, DWNN10, DFW$^+$18, DNFG18, DFK$^+$11, EBL$^+$11, FMBD15,
FLLB11, FP17, FRM$^+$19, FLB$^+$15, FDHL17, FBU14, FPG11, FPWG14,
GPM$^+$16a, GSQ17, GSF$^+$16, GGV13, GdTCFG10]. **ecological**
[GK14, GCV14, GS19b, GFW$^+$17, GCCJ12, GFP$^+$16, GT14, GB16b, GB16c,
GB16d, GLC$^+$15, GCIB10, GEPCB13, HRSKW15, Hal11, HBF18, HKL$^+$11,
HLW15, HF14, HS13a, HM10, HGBA$^+$13, HDL$^+$16, HWH$^+$18, HhLY$^+$19,
JGF14, JTB$^+$19, JMW11, JBW$^+$17, JN14, JSdSdL$^+$18, KK16, KM12a,
KK10, Ken19, KPM$^+$14, KR10b, KMKL19, KWGW19, LL17, LKMCW14,
mLcLJ15, mLcLJ16, LM13, LMY$^+$11, LA11, LF11, LAB$^+$10, LSZC10, LHZ10,
LHZN11, LCCL15, LYSW15, LLQ$^+$15, LWTZ18, LS13, Lin10, Lin16,
LMGM11, LYCZ13, LAC10, MLY$^+$19, MG16, MPR13, MRM16, MY11,
MJY17, MWY$^+$18, MRN12, MDJ$^+$11, MWB$^+$10, MCR$^+$15, MPF$^+$14,
MHC16, MLG$^+$18b, MSM$^+$16, MMMCAHM21, NCMF10, Nie16, NMdR16,
OTA16, OBC$^+$21, OCD$^+$13, PW10a, PBO19, Pat12, Pat14b, PMH17,

GYL$^+$15, GMTC$^+$17, GPR$^+$13, GANB11, GFP$^+$16, GFC15, GPP$^+$19,
GYL$^+$13, GPC14, Hal11, HBR19, HBS$^+$16a, HKL$^+$11, HCZ$^+$17, HV15,
HWS11, HJ10a, HCL$^+$14, HJS$^+$16, HS13c]. **ecosystem**
[HS13b, HB10a, HWE$^+$18, HCL$^+$16, HT16, HPRNP12, HPC13a, HPC13b,
HKG$^+$17, HMA10b, HDL$^+$16, HWH$^+$18, HBA16b, IT17, JBV$^+$15, JSL$^+$10,
JC11a, JDT$^+$17, JOHW17, JMB$^+$11, JBW$^+$17, JL18, KM12a, KK10,
KSAS12, KHW$^+$17, KTM$^+$16, KEM$^+$16, KHL$^+$16, KVU$^+$10, KL12,
KGYG15, KVP16, LSJ$^+$18, LSJ$^+$19, LBA14, LBA15, LBSB$^+$14, LB11, Lee14,
LBD10, LDO$^+$18, LdMS$^+$16, LLM$^+$13, LYJ$^+$15, LZZP16, LWL$^+$17b, LLC$^+$21,
LS10, Lin15a, LVZ$^+$11, LLZ12, LC13, LG17, Löp11, LCML11, LMBL12,
MTZ$^+$10, MK13, MPT$^+$11, MRG13a, MGR$^+$18, MJB$^+$11b, MKL14,
MGCL17, MGS16, MK12, MK14, MPL$^+$16, MZLCSZdP11, MSCH14a,
MSCH14b, NCEGB16, NMC$^+$14, NXZ18, NPP$^+$18, NGWZ16, NJCF11,
OGG$^+$16, OWMK10, OCCF17, OCB$^+$13, PLR$^+$13, Par10, PWP$^+$19, PGV10,
PPO12, RGU$^+$15, RJH$^+$10, RRHH10, RSDP$^+$12, RKBG14, RDH$^+$13,
RDD$^+$17, RRH$^+$19, RA13, RSD$^+$15, RWP11, RBGB16, SLW17]. **ecosystem**
[SVD$^+$13, SB11, San17, SNS$^+$12, SSV$^+$12, SS10, SM13, SRSS12, SLW$^+$14,
SHM$^+$14, SAW$^+$11, Sin17, SSN$^+$18, SDY$^+$15, SMG$^+$12, SCG$^+$13, SS11,
SFB$^+$15, SH18, SGKR10, TLLX19, TM18, TLL$^+$15, TŠAD12, TXM$^+$10,
TRE$^+$12, TCH$^+$13, TAGC$^+$16, Ula10, URUNAM12, UDRA13, VCD$^+$17,
VC17a, VVA$^+$15, VFB19, VASL$^+$15, WGA$^+$11, WGA$^+$12, WHB12, WDL$^+$15,
WO14, WYS12, WRM$^+$11, WJK11, WJvdL$^+$13, XZC$^+$17, XTPT11,
XYCZ13, XLL15, XC14, YL17, YLY$^+$18, YLC13, YLF$^+$15, YLHZ14, YLL$^+$12,
YDL$^+$15, ZHC$^+$16, ZRCNLI$^+$15, ZGJ10, ZWG$^+$13, ZLY$^+$13, ZLLC13,
ZZB$^+$18, ZZL$^+$19, ZSF$^+$12, ZZLZ14, dMSL$^+$16, dMLM$^+$17, FSB13, HPC13b].
ecosystem-based [HCL$^+$16, KTM$^+$16, NCEGB16]. **ecosystem-level**
[WRM$^+$11]. **ecosystem-scale** [LF11]. **Ecosystems**
[BH10, PSJ11, SJP14, Ana17, BO14, BSC$^+$15a, BCO17, BBC$^+$19, BBA12,
BPD$^+$19, BRB14, CLBD$^+$11, ČTT$^+$12, CY13, CSR15, CGEdM12, CMSPJ11,
CPJ$^+$13, DWD19, DYMYGO19a, DYMYGO19b, EPM$^+$14, GPM$^+$16a,
GLA11, HB12, HBH$^+$12, HJ10b, yHAB12, HYL$^+$17, JS12, KRL$^+$16,
KBC$^+$12, LM13, LKG10, LBE$^+$18, LBK$^+$13, LLY$^+$13, LZLC13, LLTQ14,
LLTQ15, LXS$^+$16, LVPF15, LPX$^+$12, LHR$^+$15, LKAY15, LJLO11, LD16,
MSP$^+$13, MY11, MBSF14, MCT10, MDF$^+$18, Mer12, MJC$^+$11, NJM11,
NBD$^+$13, PRHK19, PNT$^+$19, Pat10, PCB11, QL15, RDD$^+$18, RBGB16,
SMSAN$^+$14, SFF$^+$11, SKMB11, STD15, Sol19, SGB10, SGHW$^+$17, SPP18,
Tie11, TYEH10, UDNSLCG16, UDNSLC$^+$18, VLZ$^+$19, Vav12, VASH$^+$16,
WJL14, WLY$^+$15, WR13b, WPB14, YCF15, YLL$^+$17, YFC$^+$11, ZW12,
ZJL$^+$14, ZYKS15, ZJP$^+$11, Pat10]. **ecotone**
[DBG14b, DBG14a, JDT$^+$16, PRHK19, PR11]. **ecotones**
[ACM15, DVCM$^+$10]. **Ecotourism** [PKG16]. **ecotoxicity** [JZ12].
ecotoxicological [PAEE19]. **ecotoxicology** [JBH$^+$14]. **Ecotracer** [LSR16].
ecotypic [MDB19]. **Ecuador** [Bre12, HGBA$^+$13, JVY19, SRV$^+$12]. **eddy**
[MYHN17]. **eddy-resolving** [MYHN17]. **edge**

[DNFG18, FJH15, FCA18, LdMS⁺16]. **editing** [GdC14]. **editor** [Fat10].
Editorial
[Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Fat12, FGG⁺14, Fat16a,
FKDG14, Jor11b, Jør16, Las10, Ano10a, Ano10b, Ano10c, Ano10d, Ano10e,
Ano10f, Ano11b, Ano11c, Ano11d, Ano11e, Ano11f, Ano11g, Ano11h, Ano11i,
Ano11j, Ano11k, Ano11l, Ano11m, Ano11n, Ano11o, Ano12b, Ano12c, Ano12d,
Ano12e, Ano12f, Ano12g, Ano12h, Ano12i, Ano12j, Ano12k, Ano12l, Ano12m,
Ano12n, Ano12o, Ano12p, Ano12q, Ano12r, Ano13c, Ano13d, Ano13e,
Ano13f, Ano13g, Ano13h, Ano13i, Ano13j, Ano13k, Ano13l, Ano13m, Ano13n,
Ano13o, Ano13p, Ano13q, Ano13r, Ano13s, Ano13t, Ano14a, Ano17e, Ano17f,
Ano17g, Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano18a, Ano18b, Ano18c,
Ano18d, Ano18e, Ano18f, Ano18g, Ano18h, Ano18i, Ano18j, Ano18k, Ano18l].
Editorial [Ano18m, Ano18n, Ano18o, Ano18p, Ano18q, Ano18r, Ano18s,
Ano18t, Ano18u, Ano18v, Ano18w, Ano18x, Ano19i, Ano19j, Ano19k, Ano19l,
Ano19m, Ano19n, Ano19o, Ano19p, Ano19q, Ano19r, Ano19s, Ano19t,
Ano19u, Ano19v, Ano19w, Ano19x, Ano19y, Ano19z, Ano19-27, Ano19-28,
Ano19-29, Ano19-30, Ano19-31, Ano19-32, Ano21a]. **Eds** [Wei19]. **Education**
[DSBM⁺18, FMBD15, MHS⁺17, Mob18, WHH⁺18]. **educational**
[CXL⁺19, LB18b, SGB10]. **edule** [RGU⁺15]. **Edward** [GPC14]. **Edwards**
[MGWW13]. **EEHS** [DFL⁺16]. **eel** [CRQW18, TSN15]. **Eelgrass**
[CVPH⁺14, CVPR⁺16, FRV⁺16, KR10a, KRCVF16, KvTL⁺18, LZW⁺17].
EFDC [KLS17, LL18b, WX11]. **Effect**
[BRKP16, CGLA10, CL12a, CZCL18, FDM⁺11, KPSC10, LLTQ14, LLTQ15,
NMA⁺19, PGS16, SHS11, TLP17, WC19, ZWJ⁺12, ACM15, AML13, BGA17,
BB18, CZC⁺15, CEC10, CHNdÁP18, CHZ18, COY⁺10, CN13, CTC⁺18,
dSCdA18, DWWS15, DMH17, DWP16, FGPR10, FtHvdB⁺14, FG11,
FAPM12, FAC⁺19b, GHWG⁺14, GBG⁺15, GORJ12, GLRT16, Hol13,
JVY19, JGB15, Kal19, KWGG19, KPMJ14, KR14, KMM⁺13, LJR14, Lec17,
LHZ10, LJ13, LPS⁺10, LPT⁺18, MLW11, MW12, MW15, MSP⁺13, MSS⁺19,
MF16, MP13, MMC⁺19, PJ15, RGU⁺15, RSE10, RW17, SBCB13, SCHQA16,
SBDS13, SSC15, SLZ⁺13, SGWV15, UR10, VRL18, Ver10, WM14, WDL⁺15,
WWYO17, YFL⁺18, ZBSF17, dS18]. **Effective**
[NSIiT17, ASP⁺15, CCS13, CPAG15, DLH⁺14, GDBB19, KUI⁺18, LBA14,
LBA15, MS14, NLMdL10, RPA⁺18, SAT⁺15, VF16]. **Effectively** [NYIH17].
effectiveness [EST⁺19, FMF12, HGBA⁺13, LCP14, LRB12, PHvB⁺18,
RGHS11, RAM10, TLS⁺16]. **Effects** [AVL⁺11, AAME11, AKLB19, BFP⁺18,
BH13a, BGG⁺16b, CRBC11, hCjHMW18, CSH11, CMLY19, CMCC15,
DA19, DG16, EZ14, FBA⁺11, Fuj16, GVGZ⁺21, mGZK⁺10, GPCG15,
GGR⁺13, GLY⁺15, HPC13a, HPC13b, IWW12, JJYM19, JL18, KSS11,
KTK⁺15, KM12b, LRM⁺14, LBZA19, LCY⁺13, LKG⁺17, LLQN13, LLH⁺13,
MPK18, MHRB19, MMPG16, NNST⁺14, PL10a, PMM11, Pea15, PGV10,
PLHG14, PMBB⁺16, RHO11, RW10, Rem11, RDH⁺13, SGAS14, SAI10,
SPB⁺17, SFHK12, TM18, Tat16a, TDH12, WR12, YAGMM⁺14, dMLM⁺17,
ABAG14, BFA11, BNMP11, BNL⁺13, BR16, BMCG12, BFS11, BvHR⁺15,

[Ban11, BR16, RPM13, RNS$^+$19, SK15, BA14b, EAJG16, KGM12]. **emerges**
[LDB14]. **Emerging**
[Gia14, Cam15, DBH$^+$17, JD18, KR10b, PSJ11, SJP14, Pat10]. **Emergy**
[Abe13, BMF$^+$11a, BMF$^+$11b, BCO17, BCT15, BU16b, CLL14, Cam15,
Cam16, FBU14, Har11, LDJZC15, LT15, LLCR10, LYCU14, MBRR13,
MCPB15, Rau11, Ten15a, ZYLY11, ALL11, Ano12t, ARTBB14, BPT$^+$19,
BLOJ$^+$19, BU10, BU11a, BU16a, BCUF16, BCDU16, BPD$^+$19, CT16,
CLHH19, Cho13, CT12, DB15, DBSA16, DLD$^+$11, FMBD15, FB15, FAC$^+$19b,
GRRU15, GZVU14, GAB12, GFC15, HT14, Ing10, JZCL14, JC11b, KØ13,
KRE$^+$18, KBMM15, LTL15, LB17, LCBNP19, LLCR11, LLTQ14, LLTQ15,
LYCZ13, MCPB13, MCB14, Pat12, PMH17, PPF11, PCB11, RRBI14, Ten15b,
Til14, Til15, Til21, UB12, WLC$^+$19, WO14, YKZZ14, ZB15, AAO10, MRZU14].
Emergy-based [LYCU14, WLC$^+$19]. **emigration** [HKP10]. **emini**
[MSG$^+$13]. **emission** [CGY11, CZW10, GNB$^+$14, HJS$^+$16, WC13a, WC13b].
emissions [CC11, CSH11, DZW$^+$11, FCZ13, KGS11, LHZS10, LHL18,
LSM19, mNkGyT$^+$17, SSY14, TB19, WSL17, YC13, ZZY$^+$13]. **Empirical**
[RHR$^+$15c, BCV13, DWD19, GDC$^+$19, HB12, KHKC$^+$18, KCC16, MPL$^+$16,
MYJ$^+$14, RDD$^+$18, VPB$^+$12, WYHC15, WTWS19, dSD18]. **empirically**
[ADF13, FG11, TVF$^+$10]. **Employing** [LdMS$^+$16, KGD14]. **enable**
[LZB17, RP11]. **enables** [DJH10]. **encounter** [KNPH$^+$17]. **encounters**
[CF14]. **end** [BDV$^+$19, CBC$^+$16, DBVS19, FLH17, HBS$^+$16a, MSCH14a,
MSCH14b, RBGB16]. **end-to-end**
[BDV$^+$19, DBVS19, FLH17, HBS$^+$16a, MSCH14a, MSCH14b, RBGB16].
endangered [CGV$^+$15, DHC16, DHS$^+$16, HBT$^+$18, KWGG19, LJ15b,
LAEAG12, MFB17, PCRP12, TAC$^+$14, TL15, WAGM17, WSW$^+$16].
endemic [DUASLB$^+$12, LTGD16, MAO19]. **endemism** [HBSF16]. **Endl**
[Oga11]. **endosymbionts** [TGM$^+$21]. **endotherms** [BM10]. **endozoochory**
[DDB$^+$12]. **enemies** [BWH13]. **Energetic**
[MSM$^+$17, ABAG15, ABAG16, LB11]. **Energetics** [LARZN13, SM13,
ATL18, BKP10, Bar11, CB15, HKW$^+$18, LDS14, MAC$^+$12, Ske13]. **Energy**
[Abe10, BB10, BM10, BMU10, DLL$^+$19, FAC$^+$19a, GPM$^+$16a, GPH17,
GMvV17, JZ12, Ju19, LLC$^+$17, LCBNP19, PLS$^+$10, SJS$^+$13, SØB14,
XYTS19, Abe15, AMH16, AS14, BLY11, BSASSJ$^+$13, BWC17, BK13,
BPD$^+$19, CZC$^+$15, EIG$^+$10, ENM11, FKWZ19, FCZ13, FG11, HMP$^+$19b,
HZZ$^+$18, HM18b, HBA16a, HBA16b, JBH$^+$14, JR16, JNHF18, JHH$^+$12,
JHT$^+$14, JLN10, Jør15a, Jør15b, JC11b, KAJØ19, KL12, KBMM15,
LKLK15, LT15, LTL$^+$13, LLW$^+$15, LZJ$^+$19, LDYL18, MPT$^+$11, MEC14,
MH11, NLM$^+$19, Pie10a, RMGU11, RHR$^+$15b, RDR$^+$17, SGAS14, SWZ$^+$13,
SG11b, UAB$^+$11, VFB19, WWC$^+$18, WYY$^+$19, WHNR19, WWYO18,
XHC$^+$15, ZYFL10, ZLF$^+$11, ZZY$^+$13, ZQC15, ZLZ17b, ZMH19, JN15b].
energy-budget [HMP$^+$19b, JR16, JNHF18]. **energy-related**
[LDYL18, ZZY$^+$13]. **energy-saving** [FG11]. **energy-water** [NLM$^+$19].
engineer [OCB$^+$13]. **Englishmen** [NGGFM19]. **Engraulis** [XCR$^+$13].
enhance [ACDC17, Hel10, KRL11, LWC$^+$18, LQW$^+$19, MCRB17].

Enhanced [CRO13]. **enhancement** [RAB⁺10, WKZ⁺19]. **enhances**
[KCG18]. **Enhancing** [AADA14, KPS17, LAB⁺10, RFZB12, VHM⁺17].
Enigma [Pat16b]. **enough** [SP11]. **enriched** [TXM⁺10, XTPT11].
enrichment [F.11, LLFL12]. **enrollment** [CLA⁺12]. **Ensemble**
[HG17, RXSK14, ZCS13, CGG⁺18, CDM13, Fie12, GLY⁺15, HGLZ13,
PAS⁺10, SGP18, YHJ⁺17]. **ensembles** [MMMCAHM21, STD15, ZZ17].
ensure [MDW⁺12]. **entire** [vGKB10]. **entities** [LM13]. **entropic** [Ske13].
entropy [BND19, DS21, GGV11, HLW15, Lin15a, MMS12, MK14, QL15,
RHR⁺15b, Sma13]. **envelope** [BBH⁺17, WRB⁺12]. **envirogram** [KPT11].
Environ [TLL⁺17, Ano12s, MCW13, MJC⁺11, WPB14]. **environment**
[BCP16, BF11, CMD12, EST⁺19, FSV⁺12, FS18, HZSH17, Hei11, IKL13,
JDZC14, LBWW14, LWGH13, LSJG17, LHH12, MSG⁺13, MAO19, MRB14,
MCL⁺17, MGS15, NGRDTHRL19, Pat16a, PLHG14, RPGA15, WGE⁺19,
YKvWK16, ZHC⁺16, ZZZW15, ZWG⁺17]. **environment-economy-society**
[HZSH17]. **environment-sensitive** [YKvWK16]. **Environmental**
[AA12, FBU14, FLA19, FAT⁺15b, JSB⁺14, LG17, MJL⁺17, SC18, WCZ11,
XCR⁺13, ABAG15, ABAG16, AFC11, ARV⁺16, BRV11, Bec10, BMN11,
BTB17, BDG⁺14, BRW⁺12, BvHR⁺15, BCT15, BU16a, BHPF14, CPMP13,
CdOR10, CBCB17, CBGK15, CZ11, CSS⁺16, CRTS15, CDG15, CSL⁺12,
DLD⁺11, DFD11, EMH10, EC10, FGPR10, Fre16, GCDA16, GdTCFG10,
GJK⁺15, HFU11, HKlL14, HFMM⁺12, Hu16, IFC14, JMB⁺11, KPS17, KK15a,
KPT11, KWGW19, LAK⁺21, LDS14, LJ15a, LST15, LHL⁺17, LMGW16,
LS13, LYCU14, LCT⁺17, MTL⁺10, MHMRAHHS19, MDH15, MLK17,
MFI13, OCD⁺13, PPB⁺18, PMH17, PRL⁺13, PANL11, RIMPBT19, RNE⁺12,
RRvdG18, SF10, San19, SHT⁺21, SSV⁺12, SBD⁺19, SGA⁺16, SJB⁺16,
SKM⁺16, SWGC16, TCSG15, Tie16, TSSL11, UAB⁺11, UDP17, VPB⁺17,
VG19, VKdW⁺10, Wal16, WMK⁺13, WRSL11, Yan11, YM21, YY11].
environmental [YTT⁺11, ZLY16, ZBS14, ZAW⁺18, dBGS⁺14].
environmentalism [MRM16, Pat14a, Pat16b]. **environmentally**
[BGG⁺16b]. **environments**
[ACKS13, ASS14, BRMW18, Che17, CV19, FMA⁺12, FAC⁺19a, HHvO⁺17,
HQF⁺17, KYvdPS14, KASS12, KP10, Log13b, Mon13, RKRB16, RPGSCF16,
SAT⁺15, ŠK14, VP12, WR13a, WR17, ZBMC14, ZCL⁺16]. **Environs**
[Pat10, AG14, BF11]. **enzyme** [ABAG15, ABAG16]. **EPIC**
[IMW⁺17, QCLW18, XBvdV⁺14]. **epidemic** [JSKK15, PTML14].
epidemics [BA14b, PKW⁺10, SCBH18]. **epidemiological**
[FBB⁺18, RKW12]. **epidemiology** [DVL11, LPPA15, TCGC16]. **epilimnion**
[CT11, HC11]. **Epinephelus** [CNI11]. **Epistasis** [CdOR10]. **Epistemic**
[CWMC⁺12]. **equally** [Pat12]. **Equation**
[Vav10, CL10, MLG18a, MV17, MMC11, PC15, RHO⁺12, RDH⁺13, RHS⁺16,
RDD⁺17, SIS⁺14, SCHGM16, SGKR10]. **equation-based** [CL10, MLG18a].
equations [ACKS13, BBB⁺17, HSD⁺15, JOHW17, Sak13, SFR⁺17, VRC17,
VRL18, WSSM15]. **equifinality** [WC13b]. **equilibria** [DH18]. **Equilibrium**
[MM19, GLS10a, LJAD17, PBP⁺15, Wan19]. **equity** [RvS16]. **Equivalence**

European [HLLO13a, BLB⁺17, BKMK10, BMU10, HGE⁺10, HLLO13b, LCBNP19, MBD⁺12, OAPP12, ODK16, PRL⁺13, PAGCV⁺10, PSKO16, VPC⁺14, WFN⁺16]. **Eurytemora** [DJMBD⁺13]. **euthanasia** [MCT10]. **eutrophic** [ALC19, CZR⁺14, CPS15, CTP⁺17, LCY⁺13, MGMR15, SØB14, SHM⁺17, WB17]. **eutrophication** [BNMP11, CKH15, DMZ⁺19, HFB⁺11, HhLY⁺19, LkSXhX17, LL18b, NGGFM19, PAB13a, WSW⁺13, XWC⁺11, XPY⁺14, ZCSL18, ZDG⁺13]. **evaluate** [BGD⁺15, DHC16, FRV⁺16, FP13, GJM⁺13, GLS10b, HHF⁺10, LBSB⁺14, LCD⁺16, LL18b, PRH17, RR10, SHX⁺12, TAR13, WSE10, WYPF15, dMLM⁺17, vdVJS16]. **Evaluated** [CVPH⁺14, MSGG14]. **Evaluating** [BvHR⁺15, BCD12, Cha12, CZ11, CAC⁺16, CDM13, DLD⁺11, FSM⁺19a, FMF12, GGV13, GPD⁺13, HCZ⁺17, HSM⁺12, KKR19, KK10, LLZ⁺16, LHLW15, MFB17, MCP16, MWD⁺15, PWBG16, PGW19, PMCKH13, PPDF14, RMHE15, WGA⁺11, WGA⁺12, WR13a, YKZZ14, ZJP⁺11, dLB19, CSF11, DZS12, EEB⁺17, GZVU14, KHW⁺16, Lin10, Lin16, LC13, Mar12, MGCL17, NMT⁺19, OWMK10, SXZ⁺15, SLRC19, VPB⁺12, WTWS19, WWYO17]. **Evaluation** [AAO10, CPS⁺14, GS19b, KJS13, LJ15b, LYSW15, LYD⁺17, LDYL18, MH10, NL12, Pat14b, PICR13, ROSC15, REB⁺16, SFMA15, SHM⁺14, SLZ⁺18, SLY⁺17, WC13a, WC13b, XGH⁺17, YHK⁺19, ZZB⁺18, Abe13, ALL11, AFC11, AVG14, BTM⁺10, BDV⁺19, BFJZ⁺11, BCO17, BOF⁺16, BU10, FMBD15, FKK⁺18, FDM⁺11, GH13, GBB13, GCV14, GHH⁺15, GHS⁺16b, HPJ15, HHL17, IS13, ISG13, IMW⁺17, JC11a, JGB15, JC11b, KWS⁺13, KVP16, LRZ12, LHL⁺17, LHB⁺18, MCWG21, MRZU14, MCPB15, MGW⁺21, MJGC13, OGOWW16, PBB⁺14, QWJL19, SC21, SSY14, SA16, SMG⁺12, SLRC19, TPT⁺11, VHM⁺17, VFFP16, WZGH18, XPY⁺14, ZLC13, ZWG⁺13, ZLZS14, ZHV14, vdVBJS15]. **Evaluations** [NiSK21, CLL14, HT14, JGF14, MCPB13]. **evaludation** [AVG14, CLL⁺15]. **evapotranspiration** [AMRH19, GZK⁺11, KBS⁺15, LLM⁺13, LLC⁺21, LPS⁺10, LPX⁺12, SHT⁺21, TYEH10, WJK11]. **Event** [Bev15, BNMP11, WGD⁺17]. **Event-persistence** [Bev15]. **events** [dSCdA19, CTP⁺17, GCC⁺10, Jam16, KUK11, NL12, PCTW17, RMvW13, WB16]. **Everglades** [WMW⁺12, BGD⁺15, JDGJ13, MM16, TXM⁺10, XTPT11]. **evergreen** [Bae18, SMSAN⁺14]. **Evidence** [BAAB18, BS10b, GYL⁺13, McC16, SB11, YKL⁺12, Pér18, PAB⁺13b, RDD⁺18, SBCB13, GDC⁺19]. **evident** [BGGL16]. **evolution** [BBL11b, CH12, CH19, DR17, Els10, GAC⁺14, HS13a, HM18b, HQF⁺17, MV17, PKMH16, RNS⁺19, SGBD10, SZ14, Sin17, SPWR17, Vav12]. **Evolutionary** [GQRC⁺17, GMC⁺19, RKRB16, AMG19, ARV⁺16, CRO13, CRB16, DVT⁺10, GKL18, KPM⁺14, KMKL19, PSWW11, ROC⁺13, RHR⁺15b, RHQ⁺16, RDV⁺17, Tie11, ZRC⁺15]. **Evolving** [DHHB15]. **EwE** [HMA10b]. **ex** [ESA12]. **Exact** [CT12, SJTS13, Log16]. **Examination** [RPSA12, GCvDM12]. **examined** [HW12]. **Examining** [BEZ19, SGKR10, PFA⁺16]. **example** [AWL⁺13, BMD18, CLBD⁺11,

DÖWB12, GWC$^+$10, qHLlZ$^+$16, HB12, JTM$^+$17, JBCÑ11, LJ15c, Ned15,
PWP$^+$19, PTL14, PPDF14, SSK14, SHB11b, SGHW$^+$17, WAGM17].
examples [FDHL17]. **excess** [ENM11, ZJB19]. **exchange**
[BDTV11, KRL$^+$16, KHW$^+$17, KVU$^+$10, KK12b, MKTO19, QlSeZ$^+$10,
RML$^+$15, Wan19]. **exchanges** [DJS10, HBA16b, HAA$^+$21, WRM$^+$11].
excitations [DG11]. **exclosure** [LLKY18]. **Exclusion**
[LM19, CEWW18, GO15b, MdlP15, RHS$^+$15, RHD$^+$16]. **executable**
[VC17a]. **exemplified** [KØ13, WØ15]. **exercise** [HKW$^+$18, KS18, LBZA19].
exergies [XWC$^+$11]. **Exergoecology** [TVV13]. **Exergy**
[Sci11a, SWC13, AAW$^+$15, BU10, BPD$^+$19, CCC11, CZCL18, CJC11,
CRTS15, Hoa11, JZCL14, JC11a, JMSM12, JN14, LBK$^+$13, LRB12,
MPT$^+$11, MJB$^+$11a, SZ14, TA11, VFB19, XYCZ11, ZGJ10]. **exergy-based**
[CRTS15, LRB12, SZ14]. **existence** [SG11b]. **existing**
[EH15, EH19, HLS$^+$14, HKG$^+$17, KR10b, LTL$^+$19, SMBGH$^+$19]. **exotic**
[CZCL18, EBL$^+$11, MJB$^+$11a, SZSV12a, SGM$^+$14, TW18, XCG$^+$16].
expanding [JJMW14, WJL$^+$13]. **expansion**
[GSJ$^+$10, LYL$^+$17, LCPB$^+$10, RHO11, RRJVA13]. **expansions** [LRM$^+$14].
expected [FL11]. **experience** [BRM$^+$14, DLL$^+$19]. **experiment**
[BGGL16, Gra14, HH12, JG10, MSG$^+$13, RFV$^+$12, TNA$^+$17].
Experimental [HD16, Ken19, LWTZ18, MG16]. **experimentally** [MCH15].
experiments [BVGR$^+$17, BS10a, DDR$^+$14, For18b, HHK19, LBZA19,
LLKY18, MHRB19, PLS$^+$10, PGR$^+$16, RDJ19]. **Expert**
[SSD$^+$17, BBH$^+$17, Cha12, CPE13, JBV$^+$15, JKS$^+$10, KCF17, KCF18,
KdVRdW17, MSHC13, PSM$^+$12]. **expert-based** [KCF17, KCF18].
expert-driven [KdVRdW17]. **expert-selected** [BBH$^+$17]. **experts**
[AWF10, MMD$^+$17]. **explain** [FHAG12, FS14b, TBL$^+$15, VAO$^+$17].
explained [BMF$^+$11a, BMF$^+$11b, BCC$^+$14, KMKL19]. **Explaining**
[MMS12, War10]. **explains** [ACE$^+$17, Loe12, POB18, VH12, WHNR19].
explanation [vLTdBP16]. **explanatory** [KPS17]. **explicit**
[ARTBB14, BSP12, BEPC15, BJR16, BBL11b, BBH$^+$11, BS16b, BS17,
BPN12, CRB16, Che17, DC10, DVF$^+$19, DVCM$^+$10, DVL11, FBKS17,
GPZB18, HSHF$^+$13, HHC15, JOHW17, KR10a, LF11, LYC$^+$15a, MLG18a,
McC16, MLAT$^+$18, NMT$^+$19, NPJ$^+$17, PKB$^+$18, RMP$^+$18, SBC13, SYL$^+$13,
Sto10, Str15a, Str15b, TVF$^+$10, WGT12, WFW$^+$17, WHRR15, WNF$^+$15,
WHC$^+$13, ZRC$^+$15, dMSL$^+$16, vdKGV11]. **exploitation**
[BAA$^+$14, BLY11, RAdA12, RCP17]. **Exploitative** [BRMW18]. **exploited**
[BRL12, CD15, DR17, DML15, MZLCSZdP11, PK16]. **exploiting**
[DNFG18, LKDD15]. **Exploration** [Til14, CBB19, Cho13, WLDL12].
explorations [Ben12]. **explore**
[HM18a, HM19, HMP$^+$19b, JDGJ13, LKH$^+$18, MTZ$^+$10, MV11, MD16,
MP17, PDAL14, PTE$^+$12, PHP15, RAB$^+$10, RDD$^+$14, SJGB16, SGWV15].
explored [CBA10]. **explores** [WNT$^+$13]. **Exploring**
[Ano12s, ChHC12, CAMCK$^+$12, HGE$^+$10, KCF$^+$13, LLZ$^+$15, LGY10,
LMBL12, LB18b, MHL$^+$19, MCW13, MDJ$^+$11, MRR$^+$14, Mur12, NOOM$^+$16,

DATI10, DPPI14, DR17, DA19, DGKSM13, FE14a, FTTV⁺18, FDM⁺11, FPG11, FPWG14, GDTP13, GV11, GMTC⁺17, GHH⁺15, GCL⁺19, HD14, HTL⁺14, IPSH14, IGBSASSJ16, JDP⁺12, KFWM19, KHW⁺16, KUI⁺18, KTK⁺15, KBL10, KEM⁺16, KK15b, LHZ10, LCCL15, LWY⁺11, LMCA⁺12, LCTH12, MSP⁺13, MWK19, MAC14, MGCL17, Md18, MMRS⁺19, MSCH14a, MSCH14b, MDV⁺12, MCP16, MN12, MMMCAHM21, NL12, ODK16, PH18, PGKG12, PGATS13, RHW17, RKRB16, RMHE15, RSD⁺15, RDD⁺14, RPP⁺15, SAAD16, SFC⁺12, SGH16, SSM⁺13, TSN15, TL15, TTCC⁺19, VSF10, WL13, WhFxGZ16, WAGM17, WFN⁺16, WZL⁺16, YDT⁺13, ZSG12, ZZ17, ZHV14, ZVS18]. **fish** [dMSL⁺16, dMLM⁺17, vDHH⁺13, vDHH⁺14]. **Fish-Fisheries** [SM13]. **Fisheries** [SM13, AdMC⁺13, AHM⁺16b, BWRA16, CGLA10, CF17, CJR⁺16, CMCASS12, CMCC15, DPR10, FSM⁺19a, HCE⁺19, IGR⁺18, IS13, IGBSASSJ16, KSAS12, KMMS17, MTZ⁺10, MMD⁺17, MKL14, MSM⁺16, NOOM⁺16, NCEGB16, PBEL17, PGV10, ROSC15, RvS16, RUSL19, RKNO17, SLW17, TLP17, VQS⁺18, WHRR15, ZCR16, dMSL⁺16, dMLM⁺17, vDHH⁺14]. **Fishermen** [vDHH⁺14, WMCM12]. **Fishery** [WLDL12, ACE⁺17, CRA⁺11, DBS18, GPR⁺13, GYL⁺13, IKL13, ISG13, JBCÑ11, LDO⁺18, LJ13, LMBL12, MROGVR12, MTGD17, PLS⁺16, PPDF14, RAB⁺10, TSN15, TSN17, WKZ⁺19, WMCM12]. **fishes** [FBB⁺18, FBH⁺14, JD18, KC18, NCMF10, NMA⁺19, NiSK21, PWBG16, SMT19a, SMT19b, VEK12, WCF⁺16, WC19, XWW⁺11]. **Fishing** [dSdCF10, BWRA16, BS13, CGLA10, CSF11, CSS⁺16, FLLG13, FTTV⁺18, GH13, HPC13a, HPC13b, JBCÑ11, PKG16, RMR⁺16, RMHE15, SGH16, TSN15, TCH⁺13, VRM⁺10, WDL⁺15]. **fit** [BG19, SP10, WZL⁺16]. **fitness** [DSJ19, Hel10, KH15, LJB12, Log16, ŠK14, YTT⁺11]. **fitted** [CRD⁺16]. **Fitting** [DAP18, HTB13, HTB17, ČTT⁺12, YSB11]. **Five** [GSA⁺19, BDL⁺14, GdSHA10, SW19, TBM⁺14, YSA⁺14]. **Fixed** [LJ13]. **fjord** [JCKG15, MTPC13]. **FL** [RWvDM15]. **Flanders** [EBL⁺11]. **flat** [COK⁺11, MB14]. **flatwoods** [WSBP13]. **flavescence** [LPPA15]. **fleet** [ISG13]. **Flexible** [CSOS17, HB13, MMD⁺17]. **flies** [ABR12a, DATI10]. **flight** [RDJ19, ZSS17]. **floating** [MXC13, McC16]. **flock** [LJ14, ZSS17]. **flocking** [KKI⁺14, ZSS17]. **FloMan** [DA17]. **FloMan-MF** [DA17]. **flood** [BNMP11, CSN⁺19, CGGL16, CMLY19, DVF⁺19, LMCA⁺12, WP14, XLS11]. **flood-pulse** [CSN⁺19, CGGL16]. **flooded** [BBDB13, KRL⁺16, SKH⁺13]. **flooding** [CLH17, HR11, LCP14, MGR⁺18, WYS12]. **Floodplain** [DA17, BRKP16, DVF⁺19, GAP⁺19, LKH⁺18, WYS12]. **floodplains** [WRSL11]. **floods** [CHTC11]. **floor** [JAH⁺10, ZJM⁺11]. **floral** [GPA⁺13, MHTC15]. **Florianópolis** [dHR18]. **Florida** [WMW⁺12, CAMCK⁺12, DA19, DWP11, MM16, YSB11]. **Flow** [CNI11, AAW⁺15, AHNK13, BPK⁺12, CT16, CD17, CZW10, CCL⁺13, CDT10, DLCR13, DWP13, FAC⁺19a, GHH⁺15, JD18, LBD10, LBW18, LWY⁺11, MLY⁺19, MNK⁺21, MB17, MGWW13, NL12, SBVA⁺13, SLB⁺18, TNHB12, VLZ⁺19, WWC⁺18, WZL⁺16, YM21, YY11, YLW⁺11, ZWJ⁺12].

flow-dependent [GHH⁺15]. **flow-quantified** [BPK⁺12]. **Flowering**
[KR14, JX15, KKL⁺12, RPGA15]. **flowers** [SGM⁺14]. **flows**
[ALL11, BPD⁺19, CZ11, CGEdM12, GRRU15, Jag14, JHH⁺12, KAJØ19,
LKLK15, LCT⁺17, MGR⁺18, MRZU14, PPB⁺18, Pat15, PCB11, SS11,
WFM16, Yan11, YYQ11, ZPZ⁺15]. **Fluctuating**
[vDHH⁺13, CEC10, GEB10]. **fluctuation** [QWJL19]. **fluctuations**
[BLRN15, PRL⁺13, RPGA15]. **fluid** [DWNN10, DBP16, HSvO⁺18].
fluminea [GCDA16, HFH⁺19]. **Fluvial** [GJM⁺13, OOH⁺12, WL13]. **Flux**
[KHKC⁺18, LXS⁺16, Bai18, CSS⁺19, GKW⁺13, HCL⁺14, LYJ⁺15, LHR⁺15,
MPL⁺16, PD15, QlSeZ⁺10, WZD⁺14, XKI⁺11, XGH⁺17, ZZB⁺18].
Flux-Based [LXS⁺16]. **fluxes**
[BSASSJ⁺13, CSH13, HMS⁺11, JD10, JNC⁺11, KMM⁺13, Lin15a, MLH⁺17,
RHZ⁺18, SMH16, WR18, WJK11, WJvdL⁺13, ZZ17]. **fly**
[LDM15b, MRES17, Pec12]. **Flycatcher** [BSP12, HPS10]. **flying**
[RDJ19, TDF⁺19]. **focal** [BPK⁺16]. **focus**
[CGL15, GRB12, HFMM⁺12, OOFVBC16, VRL18]. **focused** [LHH12].
focusing [VRC17, WBS13]. **focussed** [LVB⁺15]. **foliage** [CRD⁺16]. **foliar**
[LBR⁺17]. **following**
[KWGG19, LCH12, OGG⁺16, PvVC15, RR10, WFM16, YHK⁺19, ZKSF17].
Folsomia [HFSL14]. **fonticola** [MGWW13]. **Food**
[BRPK14, CGGL16, DGKSM13, ESLJ18, FSML11, TCH⁺13, ABAG14,
AdMC⁺13, BNMP11, BFP⁺18, BCV13, BSH17, BQF⁺18, BSZ⁺11, BPK⁺12,
CEC10, hCjHMW18, CKS⁺17, CPS⁺19, CPS15, DCZ⁺15, FE14b, Fuj16,
GLC⁺15, GYL⁺13, HBS⁺16a, HMP⁺19b, HCL⁺16, Ju19, KKH⁺17, KSAS12,
KEM⁺16, KHL⁺16, KHHN17, KCC16, LJR14, LSR16, LBSB⁺14, LLKY18,
LCTH12, LLFL12, MKL14, MDL⁺10, MSFR15, NOOM⁺16, NCMF10,
NCEGB16, NMC⁺14, NMS⁺14, OGG⁺16, OHS⁺17, PJ17, Pea15, PLS⁺10,
PTL14, PICR13, PMBB⁺16, RGU⁺15, RBM⁺17, RSE10, RMR⁺16, SVD⁺13,
SBVA⁺13, SGAS14, SBR⁺19, SFHK12, SKM⁺16, SCG⁺13, SS11, TPL⁺15,
TM12, TRD⁺15, TNHB12, TVV13, VASH⁺16, WLY⁺15, WTWS19,
WYY⁺19, WSE10, XZCL16, XYTS19]. **Food-Energy-Water** [Ju19].
food-for-protection [WSE10]. **Food-web**
[BRPK14, TCH⁺13, BSH17, CPS⁺19, GLC⁺15, HCL⁺16, LJR14, LBSB⁺14,
MDL⁺10, OGG⁺16, OHS⁺17, PTL14, PICR13, SKM⁺16, TRD⁺15]. **foods**
[KNU⁺15]. **foot** [DVL11]. **foot-and-mouth** [DVL11]. **footed** [CAMNN16].
Footprint
[NGR⁺11, FCH⁺17, GWZ⁺15, LZJ⁺19, SWC13, WFSH15, ZTL⁺17].
footprinting [PMH17]. **footprints** [FDR⁺17, LDYL18]. **Foping** [LCS11].
forage [AHF⁺13, KMRW16, KEM⁺16, KK15b, KLGL19, WCF⁺16, WC19,
YDT⁺13, dJGM⁺18]. **Forage-SAFE** [dJGM⁺18]. **forager**
[LDS14, RAdA12]. **foragers** [BPWB14]. **Foraging**
[BPM⁺17, MCN16, MYJ⁺14, BPM⁺15, BPWB14, CAMNN16, DHC16,
EIG⁺10, HFMM⁺12, KKI⁺14, LGMLD19, LJ14, LDB14, LTGD16, MHTC15,
MSH⁺19, MvDL⁺10, MRES17, OE12, OBSL15, RJ11, Rin14, SRP18,

SGA⁺16, TGKSJ18, VSPHS15, War10, WCG⁺11]. **foraging-bioenergetics**
[DHC16]. **force** [CWLL15, LJ14]. **forces** [JGB15, PBD19, SGBD10]. **forcing**
[HPRNP12, JSB⁺14, MBD⁺18, MGS16, MCN16]. **forecast**
[ABR12a, CHG⁺15, RXSK14]. **Forecasting** [CVM⁺18, DFH⁺14, Hui11,
CRB16, FCH⁺17, MPP⁺15, RSC12, RSC13, ZRC⁺15]. **forecasts** [CDM13].
foreland [LJCG15]. **Forest**
[CPS⁺14, CSFB17, DMDJ13, FMF12, FAPM12, HSK17, PP16, SKTG11,
VZF⁺11, ZHLZ17, AD13, AMF12, ABD⁺18, ACM15, AD16, Ant14,
ARM⁺12, BFA11, Bae18, BSC⁺15a, BVC⁺18, BPS⁺11, BLD⁺10a, BlMG⁺11,
Ber13, BSS⁺14, BS16b, BW12, CZC⁺15, CPR10, CAC⁺16, CSH11, CLL⁺15,
DDM⁺17, DVF⁺19, DCMK11, DYMYGO19a, DYMYGO19b, DBG14b,
DBG14a, DH12, DLL18, ENC⁺15, FAMD⁺12, FBdP⁺16, FSS⁺17, FAS⁺19,
FCA18, GLA11, Gar17, GBG⁺15, GZK⁺11, GVV⁺16, GCK⁺15, Gra14,
GRL18, GSS⁺14, GS19c, HMS⁺10, HS11, HJS⁺16, HBG⁺16, HR11, HKN17,
Hol13, HWL17, HOŠ⁺12, HNWT10, HAA⁺21, JAH⁺10, JNC⁺11, KWH14,
KAF⁺14, KUK11, KLS⁺14, LJLC15, LJAD17, LAD11, LKLK15, LTL⁺13,
LZ10, LHW⁺15, LLH⁺17, LDP14, LCZ11, LNB17, LSP⁺10, LL18a, LHR⁺15,
LDCB21, LM19, Log19a, LSR13, LHLW15, MKH⁺17, MBHW12, MBSF14].
forest [MAC⁺12, MWML13b, MdMS⁺19, MP17, MOM⁺11, NB11, NBD⁺13,
Oga11, Oga17, Oga18, OWMK10, OKS⁺11, OLG⁺13, PSWM⁺10, PMS⁺17,
PBO19, PMB⁺19, PHC10, PD12, PGK⁺13, PLS11, PFR15, PGA⁺11,
RFV⁺12, RHZ⁺18, RKC⁺15, RV15, SMSAN⁺14, SHT⁺21, SSV⁺12,
SHB⁺11a, SPR⁺18, SFF⁺11, SRSS12, SHX⁺12, SKMB11, SHM⁺14, SVH⁺19,
SSK14, SMH16, SBPZ12, SPG11, SYY⁺19, SMBGH⁺19, TCSG15, TL10,
TT12, TNA⁺17, TYEH10, TLS⁺16, UKI⁺11, VAB⁺18, VHM⁺17, VALC12,
WFA10, WPZ⁺11, WGA⁺11, WGA⁺12, WGA⁺13, WSL17, WJvdL⁺13,
XKI⁺11, YHS⁺11, YYH19, YBA⁺16, YZA⁺18, ZBAY14, ZJM⁺11, ZLB14,
ZXD⁺13, aGSCMF15, dBGS⁺14, vGKB10, Kos17]. **forest-fire** [TL10].
forest-floor [ZJM⁺11]. **forest-grass** [SYY⁺19]. **forest-grassland**
[RKC⁺15]. **forest-wood-chain** [PSWM⁺10]. **forest-wood-chains** [LSP⁺10].
forested [DBG14b, DBG14a, GTC16, LW14, ZJM⁺13]. **ForestMAS**
[KGD14]. **forestry** [BHPF14, GGSP14, HCS⁺10, MDKK15]. **forests**
[AKvO⁺10, AMR16, ABC⁺17, BHD16, BFH14, BS17, Bre12, CVV⁺13,
CNH⁺11, CCL14, CPS⁺14, DBG14b, DBG14a, DH12, ESP⁺17, EKB18,
FBdP⁺16, FT16, FPG⁺10, Gat18, HMP19a, HMS⁺10, HSVL12, KGYG15,
LBdA⁺19, MLC⁺16, MVC11, MK12, MWML13a, MPL⁺16, MCG19, MJF19,
NB11, PDD⁺18, PGA⁺11, RJH⁺10, RWFD13, SSK14, SNZ⁺19, THJ⁺12,
TDH12, TLRL11, ZLB14, SHB⁺11a]. **Fork** [MSB⁺17]. **form**
[LLCR11, MSG⁺13, XZSL17]. **formaldehyde** [LLC11]. **formalism**
[RHR⁺15b]. **formation**
[BH17, BdCS11, BEBA19, CKS⁺17, CSS⁺17, KCB⁺17, Mer12, PLS11,
VRC17, VRL18, VAO⁺17, WZWL10, XJY⁺16, ZML⁺12]. **forming**
[JGB15, MG18, MHG18, WFW⁺17]. **Formosan** [BCTL16]. **forms**
[BMCG12, OOH⁺12, Rai13]. **formulate** [GDBB19]. **formulation**

[DFM12a, FDM⁺11, KTGH19, KCB⁺17]. **formulations** [ZJM⁺11].
fornicata [MG18, MHG18]. **fortunei** [dÁSMRT⁺19]. **Foshan** [HJ17]. **fossil**
[Cam15, RMGU11]. **foster** [BMD18]. **fountain** [MGWW13]. **Four**
[LFH⁺15, FKK⁺18, FCV⁺12, LBZA19, MCR⁺15, SBDA16, WKZ⁺19,
ZYFL10, ZZFH15, ZQC15]. **Fowler** [MBG17]. **fowleri** [MBG17]. **foxes**
[BG15, MS14]. **FPAs** [HCE⁺19]. **fractal** [Flo18, GM10]. **fraction**
[dSCdA19]. **fractional** [JA15a]. **fractionation** [Vav12]. **fragile**
[BCV13, GPJL15]. **fragility** [Kei12]. **Fragment** [VAO⁺17]. **Fragmentation**
[GTM⁺19, PGA⁺11, CPR10, CLDRJ18, LLH⁺13, RMvW13, YGL18,
YMCV21]. **fragmented** [CHNdÁP18, KK11, KCAP17, PGATS13, RCSS13,
RKBG14, TdS12, VSPHS15, XSL18]. **fragments** [MP17, PGA⁺11]. **frame**
[WJS⁺18]. **frame-based** [WJS⁺18]. **framed** [ZPZ⁺15]. **Framework**
[BMU10, ACKS13, ACE⁺17, Ano12t, BEPC15, CF17, CB15, CAY⁺10,
CSR15, CLNN14, CN18, DWNN10, FP17, GLC⁺18, GPM16b, GDW12,
HFU11, HOKH18, IBH⁺15, JSH15, JMB⁺11, LZL⁺18, LL18a, LYCZ13,
LYC⁺15a, LB18a, MRD⁺12, MK19, MJLC14, NMT⁺19, OJ15, PWBG16,
PRP17, PDD⁺18, RJ17, SWZ⁺12, SML12, SLRC19, TMPF18, TMT⁺18,
UB12, WHH⁺18, dOAC18]. **France**
[BMD18, BGPJ10, DJMBD⁺13, GSPSP15, PLR⁺13, SB15]. **Francisco**
[DWP16, MLS⁺11]. **Fraxinus** [KKR19]. **free** [CCSF11, JLN10, MGW⁺13,
MK19, MHY⁺15, OSS13, RWvDM15, YRGH16, ZWJ⁺12]. **free-living**
[CCSF11, RWvDM15]. **free-roaming** [YRGH16]. **free-surface** [ZWJ⁺12].
free-water [MGW⁺13]. **freedom** [RRH⁺19]. **freeze** [OQH⁺13]. **French**
[DBS18]. **frequency** [AB10, BBRJ15, CLNN14, PSB⁺17, ZPZ⁺15]. **fresh**
[CN10a, CTNH13, ZW10]. **freshwater**
[ABD14, CRB16, CLW⁺19, CSR15, DWNN10, DWP13, FP17, HCE⁺19,
JTB⁺19, JCKG15, KFWM19, KM12b, LKAY15, LZYH19, MWK19, McC16,
MMMCAHM21, NiSK21, PCRP12, PNT⁺19, SAAD16, SQWS19, TL15,
VEK12, VJR⁺16, WKZ⁺19, XWW⁺11, ZJL⁺14, ZZ17]. **Friction** [LJ14].
frog [ACCM16, DA17]. **frogs** [NiSK21, PMF⁺13]. **frondosa** [DZS12]. **Front**
[Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, Ano17e, Ano17f, Ano17g,
Ano17h, Ano17i, Ano17j, Ano17k, Ano17l, Ano18x]. **fronted** [LSJG17].
frontier [FAT⁺15b]. **fronts** [PMTKC17, Rin18]. **frost** [RJH⁺10]. **frosted**
[WSBP13]. **frugal** [AADA14]. **Frugivory** [MLMH18, BNGP19]. **fruit**
[ABR12a, BHD17, BGGL16, KL10, MCBM12, PDG⁺14]. **fry** [RLHD11]. **Ft.**
[DÖWB12]. **fuel** [BRR10, Cam15]. **fuels** [DSBS15, PMM11]. **Fukuyoa**
[KDT⁺17]. **fulfillment** [RHR⁺15c]. **full** [CXW19, DMB⁺19]. **fully**
[WAGM17]. **fully-stochasticized** [WAGM17]. **Function**
[CLBSG11, BPS⁺11, CBR⁺16, Fis21, KB18, LCM11, Lem16, MSG⁺13,
SBVA⁺13, SGG14, SH18, SGKR10, YLC13]. **Functional**
[MY11, TM12, ADJ⁺17, BBL⁺17, BSO13, CBB19, CN10b, EFM⁺10,
GANB11, GWF⁺18, HBR19, HGAT17, HBA16b, KCLL14, KEM⁺16, KB18,
KLGL19, LDO⁺18, LHZ10, LBK⁺13, LDB14, MV11, MYHN17, NOOM⁺16,
Rai13, RHD⁺13, SJGB16, SA16, SGB10, VCD⁺17, VPC⁺14, WZWL10,

PP12, SZSV13, SNZ⁺19, YZPL16]. **genetically** [CDL⁺11]. **genetics**
[CS17, MPP⁺15]. **genome** [LMSK12]. **genomes** [GHD⁺19]. **genons** [AG14].
genospecies [WGSR19]. **genospecies-host** [WGSR19]. **genotype**
[PDG⁺14]. **genotype-dependent** [PDG⁺14]. **genotypic** [KCLL14]. **genus**
[KTV⁺15]. **Genypterus** [CRQW18]. **geo** [ZCL⁺16]. **geo-process** [ZCL⁺16].
geobiosphere [BU10, BPU11, BU16a, BCUF16, BCDU16, DBSA16].
geoduck [HlLB12]. **geographic**
[BRV11, CAY⁺10, DNFG18, LdMS⁺16, LGDW12, SCG⁺13, ZCL⁺16].
Geographical [AAO10, Kos17, WFA⁺13]. **geography** [WLC⁺19, NGR⁺11].
geolocate [WFN⁺16]. **geolocation** [NMA⁺19]. **Geometric**
[WHC⁺13, AS11, YTT⁺11]. **geometrical** [PFSF14, RSE10]. **geometry**
[FCA18]. **geomorphic** [LDC⁺16]. **geomorphological** [Bev15]. **GeoPetri**
[SH18]. **geophysical** [TQZ12]. **geosmin** [HD14, HD16]. **Geospatial**
[AD16, LZ10]. **geostatistical** [BL15, HEJP17]. **germination**
[BCL⁺14, GDC11, MOMC17, WXB10]. **Getting** [Pat14a, Pat16b]. **Ghana**
[KCF17, KCF18]. **Giant**
[GFW⁺17, YL17, ATCJ⁺19, CLW⁺19, FLX⁺14, LLL⁺10, LCS11]. **giganteus**
[MWD⁺15]. **gigas** [GBB⁺11, ZBMBDU⁺17]. **gilthead** [PAGCV⁺10]. **GIS**
[ARTBB14, CVPR⁺16, COK⁺11, FTK⁺14, FRV⁺16, LdMS⁺16, LLH⁺17,
LGDW12, MRZU14, PD12]. **GIS-based** [PD12]. **GIS-maps** [ARTBB14].
GIS-tool [FRV⁺16]. **glacier** [LJCG15, MTPC13]. **glacier-fed** [MTPC13].
glaucogularis [HBT⁺18, MFB17]. **Glaucomys** [TDF⁺19]. **gleaned**
[LDCB21]. **Global**
[CVG⁺15, DAA⁺12, HBL18, LKMCW14, LWKS10, MSCH14a, MSCH14b,
RDD⁺14, WMF⁺13, YZG16, ZSF⁺12, Abe10, ARTBB14, BLD⁺10a,
BlMG⁺11, BH13a, BSC⁺15b, BPU11, BU11b, BU16a, BU16b, CLL14, CY13,
CJR⁺16, CAMCK⁺12, CN13, DMR13, DSM⁺12, DPLC13, DBS18, GCDA16,
GB16a, GHP12, GPP⁺19, GLS⁺17, HN14, HHK19, HBA16a, HEJP17,
JDT⁺16, JMSM12, KVS17, LDP14, LCPB⁺10, LSM19, MDOJ14, MLG⁺18b,
NP18, OQH⁺13, PD15, PMCKH13, PBFS14, RvS16, RKS⁺10, RA13,
SVD⁺13, SLLW15, VPS10, WTC⁺18, WLS⁺10, WLS⁺11, XHC⁺15,
XBvdV⁺14, XGH⁺17, YqWB⁺15, YJL11, YFC⁺11, ZJL⁺14]. **globalizing**
[KR10b]. **globally** [RKL⁺15, ZWG⁺17]. **GLOF** [MTPC13]. **GLOWORM**
[RWvDM15]. **GLOWORM-FL** [RWvDM15]. **GLUE** [OKS⁺11]. **GNESFA**
[CGV⁺15]. **goal** [Bin17]. **goals** [BA17]. **gobio** [KDMPC10]. **Going**
[TWS⁺11, RA13, ZCL⁺16, dSJHG10]. **golden**
[BCP15, LML17, dÁSMRT⁺19]. **Gompertz** [Ned15]. **gone** [AG14, TWS⁺11].
Gonghu [GSQ17]. **good** [SKM⁺16]. **goose** [JJMW14, WK17]. **goral** [SK11].
Gorges [CMLY19, MLW⁺15, SRXP14]. **gorse** [RPGA15]. **Gossypium**
[AS11, ZML⁺12]. **Gotelli** [FM11]. **governance** [MSM⁺16]. **governed**
[CTP⁺17]. **government** [PKT15]. **Gower** [MdlP15]. **GPS**
[ACC11, PR13, WBG⁺14, ZSS17]. **GR3D** [RDD⁺14]. **gradient**
[ENC⁺15, FGPR10, GA15, GLRT16, LLQ⁺15, LJCG15, MML⁺11, MKF⁺11,
OBLJ13, TLL⁺15, WMK⁺13, ZLW⁺15]. **gradients**

[CBB19, DFD11, MSG⁺13, MBW14, MJLC14, PICR13, SFB⁺15, XWC⁺11].
Graham [Hat14]. **grain** [DFF17, GAHE11, LVB⁺15, SBC16b, WTL17].
Gran [CMCC15]. **Grand** [Bec10]. **Grande** [RR10, WLH⁺10]. **grani**
[CEC10]. **grape** [GPM16b, PDG⁺14]. **grapevine** [JASW18]. **graph**
[AMM⁺14, CC12, DMDJ13, KP13, MAB19, RBRK16, TLW⁺14, VBS14].
graph-based [AMM⁺14, MAB19]. **graph-structured** [CC12]. **graphics**
[TB11, TB12a, vdKGV11]. **graphs** [KPS17]. **Grass** [BGP11, AWWD16,
EEB⁺17, JBB⁺11, JBB⁺12, KAJØ19, PLL⁺19, SMKM19, SYY⁺19, YLL⁺17].
grass-clover [KAJØ19]. **grasses** [DAW⁺10, TBA19]. **grasshopper**
[ZJL⁺16]. **grasshoppers** [BG11]. **grassland**
[BSS⁺14, EST⁺19, FDHL17, FBDZ12, GvdWBS11, GCW⁺16, HYG14, HW12,
HVCP16, KPMJ14, LLM⁺13, LWL⁺17b, RSP⁺17, RKC⁺15, SDT10, SHBG10,
SAW⁺11, SLH⁺11, SRV⁺12, SMG⁺12, TFH12, WJ15, XLL15, YSA⁺14].
grasslands [BRPK14, CRAP13, LKH⁺18, MPG18, MBA⁺19, TDC⁺11].
Grassy [DPBK10]. **gravity** [PMLL11]. **gray** [SGDP19, YLC13].
GrazeBGC [RKC⁺15]. **grazer** [KMRW16, PRHH13, PBG⁺17]. **Grazing**
[CRAP13, HLZ⁺18, PLL⁺19, ABR12b, ABR12c, DWP16, EMH10, FBDZ12,
GBR⁺13a, GLRT16, GWF⁺18, PAT17, RVNB11, RP11, SDT10, WJ15,
ZAW⁺18, vLTdBP16]. **Great** [KBS⁺15, LRM⁺14, LRZ12, SSF14, MAM⁺12,
CDK⁺17, DS12, GPR⁺13, HBR19, KPT11, NJCF11, SSM⁺13, TLW⁺14].
Greater [LSJG17, GO15a, KDT⁺17]. **greatest** [HKM⁺18]. **Greece** [BC11].
greedy [SZSV13]. **Green** [ACC⁺10, MSS⁺19, HMP⁺19b, HJ10a, KSS11,
KKR19, LCP14, LCP15, MGR⁺18, MRP⁺11]. **greenery** [MPM⁺15].
Greenhouse [CC11, YC13, LHB⁺18, TB19, WC13a, WC13b]. **greenhouses**
[LCAJGFNS14]. **gregarine** [LJB12]. **Grey** [JWLS17, THOA10]. **Grid**
[BHD17, Slo11, VLF⁺17]. **grid-based** [Slo11]. **Grids** [Gia14]. **grip**
[BPM⁺17]. **griseifrons** [TDF⁺19]. **gross**
[BSC⁺15a, GGZ⁺16, LLY⁺13, LZZP16, RHvdTS14, SMC11, YqWB⁺15,
YLY⁺18, YCL⁺14, ZZFH15, ZZB⁺18]. **ground**
[HSCS14, MTA19, MCBM12, MVC⁺17, MVC11, PKG16, PLB16, SHM⁺14,
SBC⁺11, VHM⁺17, VALC12, XGH⁺17, YKL⁺12]. **grounded** [BGG16a].
groundfish [MTGD17]. **grounds** [ZSG⁺18]. **Groundwater**
[SPR⁺18, BKB10, BvBB10, LZS⁺17, XLS11, YL18, ZSKI17].
groundwater-dependent [YL18]. **groundwater-mediated** [ZSKI17].
Group [TAT⁺16b, Bin17, BEBA19, HTVE18, MYHN17]. **Group-based**
[TAT⁺16b]. **grouper** [CNI11]. **grouping** [DFD11]. **groups** [ABGB15,
BSO13, DBH⁺17, FAC⁺19a, GCIB10, HBR19, KJVL⁺17, NMS10, RV13].
growing [HNWT10, NP15, YSA⁺14]. **grown** [GLS⁺17, KYvdPS14].
Growth
[BBA12, FKDG14, GCvDM12, AMF12, ANMJ12, AWL⁺13, ACE⁺17, AK17,
ACM15, ARM⁺12, AMR16, AB13, AS12, ASV19, BDL⁺14, BAB⁺16, BC12,
BBL11a, BMCG12, BFH14, BOF⁺16, CCS13, CCCP17, CADB19, CRO13,
CEWW18, CBCB17, CSOS17, CL10, CS18, CLW⁺19, CN13, CPS⁺14,
CRQW18, DZW⁺11, DHC16, DLCR13, Dil10, DS21, Dol10, DSS11, ESA12,

Haliotis [LJWN14]. **Hall** [Wei19]. **hampei** [RCGC17]. **Han** [KLS17].
Harbor [SHS⁺12]. **harbour** [NNST⁺14]. **hard** [HC11, Jør14a]. **hard-water**
[HC11]. **hardbound** [Jör11a]. **hardiness** [RJH⁺10]. **hardwood**
[KGYG15, LCML11, MLC⁺16, MWML13a, MWML13b]. **hare**
[LV17, TNTH11]. **Harizaj** [BU11a]. **harmful** [DA19, ENM11, GDDFT16].
Harvard [Gra14]. **harvest** [BNL⁺13, dSCdA19, GDBB19, GS19a, HMS⁺10,
JSW⁺13, LHLW15, MRP14, MRD⁺12, Och10, PP16, PME⁺16, RAB⁺10,
SHB⁺11a, WBW14, YWA⁺17, ZKSF17]. **harvested**
[FYWA12, IKL14, ZJL⁺14]. **harvesters** [DS12]. **Harvesting**
[FvBM⁺11, BHC⁺15, LBZA19, MV17, TKP14, UKI⁺11, WCF⁺16, WMF⁺13].
harvests [KCKdOW12, TVF⁺10]. **hatching** [AOD⁺13]. **hatchlings**
[HGWL11]. **having** [GCK⁺15]. **Hawai'i** [Ano12a, KAC⁺12a, KAC⁺12b].
Hawaiian [RKW12]. **Hayq** [FSML11]. **hazard** [CPD⁺11, KDK⁺10].
hazelnut [BOF⁺16]. **HEA** [CRO13]. **headwater** [LW14]. **health**
[CGGL16, CZCL18, HKL⁺11, MLY⁺19, SM11, XYCZ11, XWW⁺11,
XYCZ13, ZGJ10, ZLY⁺13]. **healthy** [IKL14]. **Heat**
[MSS⁺19, DBP16, SBDA16]. **heat-producing** [SBDA16]. **heating** [Gra14].
heavy [BCC⁺11, BCC⁺14, GVC10, HZT⁺13, LGMLD19, MAP⁺13, MB17,
RM13, TLL⁺17]. **heavy-tailed** [LGMLD19]. **Hebei**
[HLW15, HZZ⁺18, ZLZ17b]. **HEC** [WZGH18]. **HEC-RAS** [WZGH18].
hedges [SMKM19]. **height** [ARM⁺12, RFZB12, WK11]. **Heihe**
[FCH⁺17, JJYM19, WZG15]. **held** [LMY⁺11]. **Helgoland** [SW19].
Helicoverpa [BNC⁺18, FGH⁺10, PPZ⁺17, PVB16]. **Heliothis** [BNC⁺18].
help [MAB19, PJ17, RRH⁺19, VPM⁺18, VEMS12]. **helvetica** [ZPNM13].
Hemiptera [FTK⁺14]. **Heptapteridae** [dABLBAdOR17]. **herbaceous**
[HBH⁺12, vLTdBP16]. **herbage** [GBR⁺13a]. **herbicide** [SPWR17, WTL17].
herbicide-tolerant [WTL17]. **herbicides** [RSP⁺17]. **herbivore** [AKLB19,
EMH10, FAG10, FBKS17, FS18, KSS11, LMDG14, MNHW⁺13, TKP14].
Herbivores [RP11, AB10, SRP18, TM12, WHNR19]. **herbivory**
[DDM⁺17, KPMJ14, RKC⁺15, ZCY⁺19]. **herons** [BFJZ⁺11]. **herring**
[Hei11, SBCB13]. **heterogeneities** [YHZ19]. **Heterogeneity**
[SDKE18, BL15, CdOR10, CIHL14, DAP18, EKB18, EAB11, GdTCFG10,
GCW⁺16, GLRT16, GWF⁺18, KMKL19, LDCB21, LCMG18, MAM⁺12,
MGB13, NMA⁺19, OMDP11, PMM11, PJ15, SX11, SPWR17, Sto10,
WTG⁺16, WSSM15, WYS12, ZLB14, dLB19]. **heterogeneous**
[BRMW18, BPM⁺15, DML15, FMA⁺12, For14, FS18, GCV14, HB13,
HQF⁺17, KKP⁺11, KASS12, KP10, MBSF14, MAP⁺13, MJGC13, OBSL15,
PvVC15, RKRB16, RV13, RH15, VBPY11, VP12, WGE⁺19].
heterogenising [GVV17]. **heterotroph** [FD19]. **heterotroph-phototroph**
[FD19]. **heterotrophic** [GBR13b]. **heuristic** [BPB⁺18, GEB10, TŠAD12].
Hevea [KMM⁺13]. **hibernating** [BM10]. **hibernation** [LARZN13].
hickory [LL18a]. **Hidden** [VRM⁺10, LLC11, LCMG18]. **Hierarchical**
[CCCP17, FDP⁺10, JN15a, LYJ⁺15, SRM11, TMC⁺16, VSPHS15, WLS⁺10,
WLS⁺11, AHS⁺17, ABL⁺13, AB13, AHS⁺16, BDL⁺13, BMN11, BAJ⁺11,

ice-shelf [CR12a]. **ideal** [MK19, MHY⁺15]. **ideas** [JD18]. **identifiability**
[BLLJ17, MDW⁺12, WC13b]. **Identification**
[CHTC11, QlSeZ⁺10, IPSH14, PMBM11, QWJL19]. **identifies** [DDBK15].
identify [CCC12, GWR11, KGM12, LLL⁺10, MU10, RKL⁺15, THC18].
Identifying [BFPR16, BRL12, CDT10, DFK⁺11, GH13, HHC15, JHHS17,
LSH15, LJLO11, NKSA13, NJCF11, VRM⁺10, XYTS19, ZWA19, JFS⁺12,
JBCÑ11, MRTW18, SWZ⁺12]. **identity** [SS10]. **if**
[Ano17m, Ano17n, Ano17o, Ano17p, Ano17q]. **Igapó** [RCCN11]. **ignition**
[RCBPMN10]. **IGP** [SVL12]. **ii**
[Ano14v, Ano14w, Ano14x, Ano14y, Ano14z, Ano14-27, Ano14-28, Ano14-29,
Ano14-30, Ano14-31, Ano14-32, Ano14-33, Ano14-34, Ano14-35, Ano14-36,
Ano14-37, Ano14-38, Ano14-39, Ano15r, Ano15s, Ano15t, Ano15u, Ano15v,
Ano15w, Ano15x, Ano15y, Ano15z, Ano15-27, Ano15-28, Ano15-29, Ano15-30,
Ano15-31, Ano15-32, Ano15-33, Ano15-34, Ano16v, Ano16w, Ano16x,
Ano16y, Ano16z, Ano16-27, Ano16-28, Ano16-29, Ano16-30, Ano16-31,
Ano16-32, Ano16-33, Ano16-34, Ano16-35, Ano16-36, Ano16-37, Ano16-38,
Ano16-39, Ano16-40, Ano16-41, Ano16-42, Ano16-43, Ano17-41, Ano17-42,
Ano17-43, Ano17-44, Ano17-45, Ano17-46, Ano17-47, Ano17-48, Ano17-49,
Ano17-50, Ano17-51, BvBB10, CKS⁺17, DDM⁺17, DBVS19, FPWG14,
HPC13b, KWS⁺13, Log19a, Pat16b, RCG⁺13, SLLW15, XTPT11, dBGS⁺14].
iii [Ano16v, Ano16w, Ano16x, Ano16y, Ano16z, Ano16-27, Ano16-28,
Ano17-41, Ano17-42, Ano17-43, Ano17-44, Ano17-45, Ano17-46, Ano17-47,
Ano17-48, Ano17-49, Ano17-50, Ano17-51, CSS⁺17, RCGC17]. **IKONOS**
[ZPNM13]. **ilisha** [BAA⁺14, HSCS14]. **illegal** [BWRA16]. **Illinois**
[CDR⁺13, SCH⁺17, ZSG⁺18]. **illumination** [JGX13]. **illustrated** [JKS⁺10].
illustrates [DDB⁺12]. **Illustration** [LJLC15, MTA19]. **image**
[Ano17m, Ano17n, Ano17o, Ano17p, Ano17q, SHBG10]. **imagery**
[Hat14, PK14, VALC12, XLR11, ZPNM13]. **images**
[CCLX17, LAB⁺10, TQZ12]. **imaging** [LSS⁺15]. **imbalance** [Kei12].
imbalanced [SVH⁺19]. **immature** [DdSCG11]. **Impact**
[ENM11, FYWA12, HS13b, HV12, HPG⁺10, LG10, LG12, MRG13a, MF16,
MK14, MAMNL⁺15, MDV⁺12, NP18, OQH⁺13, PSWM⁺10, SAKB⁺10,
VSC18, WP14, XYCZ13, AMRH19, AHF⁺13, BSFR17, BS13, BJK⁺16,
BPS⁺11, BCTL16, BH17, BKM⁺18, dÁGP14, BEBA19, BRHD15, CPR10,
CSH11, CRTS15, CSFR15, DH12, DYU⁺12, EBL⁺11, FLX⁺14, FTK⁺14,
Fre16, dSGGBW12, HHL17, HCM⁺18, IKL14, LDS14, LKH⁺18, Lin15b,
LSP⁺10, MDB19, MDKK15, NZL13, NGL13, OHS⁺17, PC16, PH18, PFA⁺16,
PGKG12, PB14, PPDF14, ROG⁺16, RPC⁺17, SGBD10, SZVV10, SBRD10,
TW18, TNA⁺17, TPT⁺11, WHRR15, Wol11, YLC⁺18, dJGM⁺18]. **Impacts**
[ACK⁺14, Che15b, DMBS11, FCG⁺19, HBG⁺16, KG13, LVLS14, LC11, Nei11,
PVM12, PVM13, PK16, PD15, RJH⁺10, SDY⁺15, SPG11, SRT16, AW16,
ACE⁺17, ATCJ⁺19, AGB⁺13, ADL⁺10, BTB17, BSH17, BHPF14, CN10a,
CAC⁺16, CLD⁺17, CSR15, CKH15, DLD⁺11, DVD⁺14, DBP16, ER13,
FMS13, FP13, HCZ⁺17, HSR⁺15, HKM⁺18, HC11, HHF⁺10, IFC14, JDT⁺17,

JBW⁺17, KDHC⁺18, KVP16, LHL⁺17, LJ10, LBK⁺13, LYCU14, LCT⁺17, yLWhMhG11, MTZ⁺10, MBM⁺18, NL12, OBC⁺21, PANL11, RLHD11, THC18, TLLX19, TCW11, TBJ⁺15, TCH⁺13, TDF⁺19, VWTA16, WCF⁺16, WMF⁺13, WCL⁺17, WO14, WNT⁺13, WFDDR10, XC14, ZLLC13, ZLW⁺15]. **imperfect** [BMP⁺19, GMK⁺19, KKP⁺11]. **imperiled** [LBM16]. **Implementation** [BDV⁺19, BAT⁺15, DBVS19, FLLB11, GBP⁺10, OGOWW16, PGKG12, ZBMBDU⁺17, AG11, ALeSD17, DWD19, KB11, SR14]. **implemented** [Che10, RPGSCF16]. **Implementing** [ESP⁺17, KLGL19, LJBS12]. **implicates** [BSCG10]. **implication** [ACCM16, Ju19]. **Implications** [AR11, ACC11, Bin17, DJS10, FAS⁺19, HMPC11, HKlL14, Joh10, KCP⁺15, LV17, LDM15a, MGS16, Md18, Mur13, Pec12, SHB11b, WRSL11, WLS⁺10, WLS⁺11, WEJ11, ZLB14, BAA⁺14, BLD10b, BBA12, DLZ⁺17, mGZK⁺10, HSM⁺12, KL12, MAC⁺12, NCEGB16, PPZ⁺17, PME⁺16, F.11]. **implicit** [AS12, Cho13]. **Importance** [ABB⁺14, ER10, FAS⁺19, HPRNP12, MRWN19, ZW11, AWWD16, CW17, CdMMF16, CD15, DWP13, DG16, GCDA16, GO15a, JB11, KGS11, LPD14, LDCB21, MHL⁺19, MMM⁺16, NCMF10, TCSG15, VLF⁺17, XCG⁺16]. **important** [Agu11, ACK⁺14, HMD⁺16, QlSeZ⁺10, TF13, WJvdL⁺13]. **imported** [KAJØ19]. **Imposed** [Cra10]. **impounded** [GCL⁺19]. **impounding** [CMLY19]. **impoundment** [MGMR15, PGKG12]. **imprecise** [dSCdA19]. **improve** [BOGA14, CEWW18, FHAG12, GGSP14, GMP13, MRP14, MPP⁺15, SVH⁺19, SJB⁺16, TRP12, TPG14, WRB⁺12, XBvdV⁺14, YHJ⁺17]. **Improved** [KCC16, SSV⁺12, YqWB⁺15, ZCYL15, dSD18, BU11a, DFF17, FE14a, GAB12, GBW⁺15, GYL⁺13, Har11, HS13a, HG17, IBH⁺15, JGX13, LKDD15, LCCL15, LS18, SWZ⁺12, SV13, SLZ⁺17, Til15, YLC13]. **Improvement** [KPM⁺14, ZLJM17b, ZLJM17a, ZZB⁺18]. **Improvements** [HHW11]. **improves** [FMW⁺19, TFMP11, ZBSF17, ZJB19]. **Improving** [BT16, CZC⁺15, CMEP15, JSdSdL⁺18, KZR⁺13, LLCR10, LYC⁺15b, PPBD13, RAM10, SLMS14, SCG⁺16, TZS⁺14, WB16, WZL⁺16, YLL⁺12, CHTC11, RJ17, ZCS13]. **in-lake** [PSB⁺17]. **in-situ** [LLKY18]. **in-stream** [BA14a, HKVR13]. **Inachis** [HLLO13a, HLLO13b, PAB⁺13b]. **inapplicable** [SMS⁺13]. **incidence** [BRR10, JVY19]. **incidental** [CCS13, MROGVR12]. **includes** [NiSK21]. **Including** [DCMK11, SKTG11, GLRT16, LSA⁺19, MCH15, MFD⁺15, MDL⁺10, RLS11, SB15]. **inclusion** [dSdCF10]. **income** [MSCM18]. **income-breeding** [MSCM18]. **incompatibilities** [BFPR16]. **incomplete** [For18b, PJ17]. **inconstant** [BNGP19]. **incorporated** [Che16]. **Incorporating** [Ano12t, AS12, BTS19, BG11, CH14, DÖWB12, FMW⁺19, Fuj16, GB16a, GGSP14, GLC⁺15, LYCZ13, LBS⁺14, RJH⁺10, RWVK11, SWS16, SMH⁺12, SMLH⁺11, WGA⁺13, BRS⁺18, CSOS17, CB19, SFM⁺18, TM18, WSSM15]. **Incorporation** [KHW⁺16, PLR⁺13, PPBD13]. **Increase** [dAdSC15, ACE⁺13, Ano17a, CMGF14, ESP⁺17, Lee14, MPT⁺11, NYH15,

XZC$^+$17, ZDL$^+$17, dJHMS19, dOMZ13, vdVBJS15, vdVJS16].
individual-level [HFSL14]. **individuals** [CGS$^+$17, GCW$^+$16]. **Indo**
[SVL12]. **Indo-Gangetic** [SVL12]. **Indomitable** [Fat16b]. **Indonesia**
[SHB11b]. **induced** [ACM15, AS12, BGD$^+$16, BPB14, LBW18, MBM$^+$18,
MMMGLN$^+$18, NP15, SS16, SS11, VAO$^+$17, WNT$^+$13, XC14]. **induction**
[MBBA17]. **industrial** [DLZ$^+$17, GWHL15, KS18, LHH12, XZCL16, ZZF15].
industrialized [BS10c, GPM$^+$16a, SMH$^+$12]. **industries** [AAW$^+$15].
industry [KGM12, mNkGyT$^+$17]. **IndVal** [DGKSM13]. **inequality** [RW17].
inexact [LHZN11]. **inexact-stochastic** [LHZN11]. **infected**
[ASS14, BJK$^+$16, WGTH16]. **infecting** [CC10]. **infection** [BCD12, LLFL12].
infections [CHZ18, SM10]. **infectious** [BJK$^+$16, SDS$^+$21, WGTH16].
Infective [BPK$^+$16]. **infectivity** [CCSF11]. **inference**
[BWA17, WC13a, WC13b, ZBSF17]. **Inferences** [DLL$^+$19]. **inferential**
[ZDL$^+$17]. **inferred** [KWJH16, WBC$^+$12]. **Inferring**
[BPB$^+$18, BGMJ$^+$12, FDP$^+$10, GMK$^+$19]. **infestation**
[AD16, BGGL16, KSI14, NPJ$^+$17]. **infestations** [FH11, RPA$^+$18]. **infinite**
[KB11]. **infinite-dimensional** [KB11]. **inflated** [CMT$^+$11, LBE$^+$13, LJ15c].
inflow [ABD14, BGD$^+$15, KM12b, ZW10]. **Influence**
[ABAG15, ABAG16, AYASR$^+$17, ABD14, CQS15, GHP12, GAHE11,
HMA10a, MAM$^+$12, PLS$^+$10, SMH16, ABR12b, ABR12c, Agu11, AHNK13,
BA14a, BEZ19, BV15, BKB10, CAL13, CHR$^+$13, ČTT$^+$12, CIHL14, DF13,
FMW$^+$19, HN14, KSM$^+$18, LMR16, LDC$^+$16, LGY10, OdlFDP15, PLS11,
PSWW11, QDH$^+$10, RVNB11, SFMA15, SSQ$^+$10, Tie16, TFMP11, VF16,
VPM$^+$18, WRMB18, vLTdBP16]. **influenced** [ATL18, BCO17, SMKM19].
Influences [KK12b, LCP15, XKI$^+$11, BRMW18, GTC16, LLZ$^+$16, MWK19,
WRSL11, XCR$^+$13, YZ16, YXD$^+$18]. **influencing** [HLLP$^+$10, IT17, PVB16].
influential [CCC12]. **influenza** [ZWA19]. **inform** [MCMT$^+$16, PSM$^+$12].
Information [AAO10, HKP10, TLL$^+$17, VFB19, WYHC15, Abe13, IHSM12,
BDTV11, CAY$^+$10, DPLC13, GDC$^+$19, GPP$^+$19, HYG14, HDL$^+$16,
JJMW14, JJS10, JLN10, Jør15a, Jør15b, LdMS$^+$16, LZZ$^+$14, LGDW12,
PLR$^+$13, PKMH16, PVB16, SCG$^+$13, WEB11, YHW$^+$12, ZCS13].
Information-based [TLL$^+$17]. **informed** [TCGC16]. **Infrastructure**
[MSS$^+$19, MGR$^+$18]. **infrastructures** [LCP14, LCP15, MAB19]. **ingenuous**
[BMF$^+$11a, BMF$^+$11b]. **inhabiting** [AR11, GFW$^+$17]. **inherent**
[Cra10, MJC$^+$11]. **inhibiting** [FR11]. **inhibition** [MCH15, PJ16].
inhibitors [SBDS13, TB19]. **inhomogeneous** [CVS$^+$13, DHL$^+$12]. **initial**
[Ant14, ABGB15, IKL14, JDZC14, KSM$^+$18, PSG19]. **initialise** [WHC$^+$13].
initializing [HWS11]. **injuries** [CBP$^+$17]. **INLA** [CF14]. **Inner**
[HYL$^+$17, RNE$^+$12, YSA$^+$14, ZJL$^+$16, LWL$^+$17b, SAW$^+$11]. **innovative**
[MKSL$^+$17, YHS$^+$11]. **Input**
[SCH$^+$17, BB10, BCP16, BFS11, CC11, hCjHMW18, Cho13, Fis21, FYWA12,
HCM$^+$15, LHL18, MU17, Pog11, SZSV13, XYTS19, ZQC15]. **Input-Output**
[SCH$^+$17, XYTS19]. **input-state-output** [BCP16]. **input-variables** [Fis21].
inputs

MRWN19, NGGFM19, PLB16, RRvdG18, SMI⁺19, WKF⁺17, ZHLZ17].
Least [IBD⁺19, KK13, LLL⁺10]. **least-cost** [LLL⁺10]. **leatherback**
[DBP16]. **leaved** [RHZ⁺18]. **leaves** [AS11, DKM⁺14, JX15]. **Leeward**
[Ano12a, KAC⁺12a, KAC⁺12b]. **Legal** [CGY11, CGL15]. **legend**
[Ano17m, Ano17n, Ano17o, Ano17p, Ano17q]. **leidyi** [AALP18].
leishmaniasis [RMP⁺18]. **Lemna** [SBDS13]. **length**
[MCH15, Pea15, SMT19a, SMT19b, ZML⁺12, vPTOW18]. **length-based**
[SMT19a, SMT19b, vPTOW18]. **lentic** [HKL⁺11]. **León** [MJB⁺11a].
Lepidoptera [FPO18, BTS19, FGH⁺10, KL10]. **LepiX** [FPO18]. **Lepomis**
[GV11]. **leprosy** [OLC⁺17]. **Leslie** [CCS13, MdlP15, Mon13]. **less**
[BGD⁺16, MS14, TYEH10]. **Lesser** [GCvDM12, GCM⁺13]. **Lessons**
[BRM⁺14, CLL⁺15, FBdP⁺16, GHWG⁺14, GMP13, SU15, ZCR16]. **lethal**
[MS14]. **leucas** [MDVG⁺15]. **Leucaspius** [BGC10]. **Level**
[WYPF15, CHR⁺13, CPR10, CN11, CAMCK⁺12, CRTS15, CWMC⁺12,
DVD⁺14, FH11, FtHvdB⁺14, FD19, For14, FAS⁺19, FPWG14, GHWG⁺14,
HFSL14, HW12, HLK⁺12, JD10, KR10a, KHS⁺19, KH15, LM12, LBW18,
LLH⁺17, LNB17, LKAL⁺13, LVV⁺15, LCDJ⁺12, MAP⁺13, dMHGA10,
NPP⁺18, OWMK10, PD12, PWK⁺17, RSC12, RSC13, RMLTCQ⁺19, SJS⁺13,
TTCC⁺19, TB19, WCL⁺17, WKZ⁺19, WRM⁺11, YHZ19, vDHH⁺14].
level-size [TTCC⁺19]. **Levels** [LPF11, BS13, DLH⁺14, DBVS19, HB14,
KHHN17, PLS⁺10, Sol19, XWW⁺11, XLL15]. **Liaohe** [HZSH17]. **Liaoning**
[GZS⁺18]. **liberalised** [HGE⁺10]. **lice** [AHS⁺17, Mur11, MS16]. **LID**
[MJY17]. **LID-BMPs** [MJY17]. **Lidar** [BBL⁺17, TRP12, Hat14]. **LIDET**
[SBC⁺11]. **liebre** [RIMPBT19]. **Life**
[DLZ⁺17, Jør14a, Kat11, KBMM15, UAB⁺11, AWWD16, BB10, BH13b,
BLD10b, BBL11b, CDT10, DLL⁺19, DCCS17, DLD⁺11, GRRU15, GCM⁺13,
HA18, HMP⁺19b, qHLlZ⁺16, HSHF⁺13, HPGM18, HB10a, JSH15, JB11,
Joh10, LJB12, MJL⁺17, MBRR13, MCMT⁺16, NBSGW19, PMH17, RSCS19,
SW15, WGE⁺19, Jør14a]. **life-cycle** [HSHF⁺13]. **life-history**
[BBL11b, MJL⁺17, SW15]. **Life-Organizing** [Jør14a]. **life-stages**
[GCM⁺13]. **life-traits** [CDT10]. **lifecycle** [DMB⁺19, RCSS13]. **lifetime**
[DPvBvA11]. **Light** [BVC⁺18, DHC14, BSC⁺15a, BMR⁺18, BS17, BKB10,
BvBB10, DMZ⁺19, FS14b, For14, GRD⁺14, HNWT10, LCL⁺13, LVV⁺15,
MKTO19, MJGC13, Pea15, TPO⁺18, WBS13, YLC⁺18, ZZFH15, dLB19].
light-driven [BMR⁺18]. **lights** [WLC⁺19]. **lignocellulosic**
[ABAG15, ABAG16]. **Liguria** [PPB⁺18, VB10]. **Liguria-Italy** [VB10]. **like**
[MP13]. **likelihood** [KSZW16]. **likely** [BGD⁺16, PC16, PTL14]. **Likens**
[Jør14b]. **Limfjorden** [CVPR⁺16]. **Limitation** [HKVD16, BKB10, BvBB10,
Che15b, FC12, LWC⁺18, Mul11, SFM⁺18, WEJ11]. **limitations**
[GCCJ12, LB18a, PMBM11, THC18, VF16]. **limited** [CN13, FMBD15,
HPJ15, HJ10b, MRCW10, OCD⁺13, PKMH16, RP11, YLL⁺17]. **limiting**
[AL16, TGB⁺17]. **limits** [Ban11, FP17, PKD11]. **Limnoperna**
[dÁSMRT⁺19]. **limpid** [MSO10]. **line** [FAPM12, PR11]. **linear**
[AK17, BDWP16, BPK⁺12, CCCP17, DH18, EBA⁺19, For18a, GdTCFG10,

MAB19, SBVA⁺13, SXNL18, VRL14, VC17b, WK11]. **linearity** [FS14b].
lines [SSQ⁺10, YJW15]. **lingering** [RRBI14]. **Linguistic** [HL19]. **Link**
[Pat15, RHR⁺15a, SBR⁺19]. **Linkage** [WQD⁺13]. **linkages** [LYCZ11, ZH13].
linked [FTK⁺14, HHC⁺13, LST15, SHCR10, ZWRK13]. **Linking**
[CB15, CN18, EFM⁺10, HGSJ15, HOŠ⁺12, LSGT13, LG17, MSB⁺17, PMM11,
PK14, RRG⁺15, SBC⁺15, ZDL⁺17, DLCR13, FDP⁺10, FE14a, JDT⁺17].
Linyphiid [Joh10]. **lions** [RRG⁺15, BDV⁺19, DBVS19]. **lipid** [RM13].
Lippia [MAO19]. **literature** [MMMGLN⁺18, PMB⁺19, VG19].
literature-based [MMMGLN⁺18]. **Lithurgus** [SGM⁺14]. **Litter**
[ZTJ⁺10, DFRT14, KMS⁺12, KMS⁺13, MBG⁺10, MRG13b, ZJM⁺11].
litterbag [Lec17]. **litterfall** [MRG13a]. **Little**
[JJKJ11, CESC19, RTE⁺15, SSQ⁺10]. **lived** [GHH⁺15, SF10]. **livelihoods**
[SHB11b]. **lives** [SKPHW16]. **livestock**
[Bae18, CCF13a, FDHL17, FS18, LAK⁺21, RVNB11, SDT10]. **lividum**
[ACCM16]. **Living** [FJH15, CCSF11, IT17, RWvDM15]. **lizard**
[ABC⁺14, TVI⁺13]. **lizards** [FSV⁺12]. **llama** [TSSL11]. **LLC** [Jør14a].
LMC [PdM11]. **load** [NXZ18, OGOWW16]. **loaded** [ELPK12]. **loading**
[JSL⁺10, REB⁺16, SQWS19]. **loads**
[CTNH13, MMM⁺16, MHTC15, RML⁺13, SB15]. **lobster** [BPB14, LMBL12].
lobster-induced [BPB14]. **Lobsters** [EPM⁺14]. **Local**
[Che16, MWK19, RCCN11, SLD⁺19, WYS12, AAME11, ARM⁺12, BND19,
BBL11a, BGG⁺16b, CWM12, CRVS13, DJH10, DBH⁺17, FCLFB18,
GPTR13, GJK⁺15, IWW12, KAJØ19, KHHN17, Log16, MMM⁺16, Mat13,
MLAT⁺18, Pec12, PGV10, RPA⁺18]. **localized** [KBMM15]. **locally** [VC17a].
located [LLTQ14, LLTQ15, ZPZ⁺15]. **location**
[ACC11, DMB⁺18, RWVK11]. **locations** [CMV⁺16, Fai10]. **lock**
[SDSH15, ZVS18]. **lock-and-dam** [ZVS18]. **lock-in** [SDSH15]. **locust**
[BRKP16, DBH⁺17]. **Loess** [FLY13, ZZLZ14]. **logbook** [KSZW16].
loggerhead [MJL⁺17, WHRR15]. **logging** [Gat18, TDH12]. **Logic**
[BPT⁺19]. **Logistic**
[MIC14, AMF12, GGV11, MCA18, SJTS13, Sak13, SK11, Ske13]. **logistics**
[LBM16]. **Londrina** [RCCN11]. **Long**
[Ano12a, ABC⁺17, BUB⁺12, HOŠ⁺12, LDO⁺18, PGKG12, SVL12, WP14,
YSA⁺14, ZJM⁺11, AB13, BYR18, BLB⁺17, BSS⁺14, EC10, FB15, GPJL15,
GPTR13, GV11, GHH⁺15, GCB⁺11, KAC⁺12a, KAC⁺12b, LBZA19, LA11,
LBdA⁺19, MBG17, MP17, Och10, PWBG16, Pen11, PGZ⁺19, RUSL19,
RDD⁺18, SF10, Str15a, Str15b, TGM⁺21, VG19, VASL⁺15]. **long-distance**
[GPJL15, GPTR13, MBG17]. **long-lived** [GHH⁺15, SF10]. **long-run** [EC10].
Long-Term [Ano12a, ABC⁺17, BUB⁺12, HOŠ⁺12, LDO⁺18, PGKG12,
SVL12, WP14, YSA⁺14, ZJM⁺11, AB13, BYR18, BLB⁺17, BSS⁺14, FB15,
GV11, GCB⁺11, KAC⁺12a, KAC⁺12b, LBZA19, LBdA⁺19, MP17, Och10,
PWBG16, Pen11, PGZ⁺19, RUSL19, TGM⁺21, VG19, VASL⁺15].
Longitudinal [WWC⁺18]. **Longleaf** [LCML11]. **longline** [LJ13]. **Looking**
[BUB⁺12, MAFG⁺19, YKL⁺12]. **loop** [GLS10a, LDJZC15].

Lophotrochozoans [DLL$^+$19]. **Lorenzo** [GSJ$^+$10]. **Losers**
[RE10, KTV$^+$15]. **loss**
[Bus17, CR12a, CPR10, CHG$^+$15, CLDRJ18, DPLC13, HBS16b, LLH$^+$13,
LLL17, LLL19, SAAD16, SBC$^+$11, VWTA16, YGL18, ZCY$^+$19]. **losses**
[Ano12t, LDJZC15, LYCZ13]. **Lotka**
[ELPK12, For18a, GvdWBS11, Sci11b, TSM$^+$15, WSSM15]. **Louisiana**
[LdMS$^+$16, ER10, MMK15, PFA$^+$16]. **Low** [For11, DWP16, FBA$^+$11,
KKH$^+$17, LM12, LW17, MM16, PLS$^+$10, Pog11, RWVK11, WJK11].
low-level [LM12]. **low-pass** [FBA$^+$11]. **low-resolution** [RWVK11].
low-salinity [DWP16]. **lowbush** [BHD17]. **lower**
[KLS17, LVV$^+$15, WRSL11, GFP$^+$16, HKM$^+$18, WAGM17]. **lowland**
[HG17, Lin15b, PGKG12, TVF$^+$10, WB16]. **LOWQM** [Jam16]. **Loxodonta**
[MMS12]. **LPJ** [SM14]. **LTER** [SFB$^+$15]. **Lubei** [ZZF15]. **LUCC**
[LCDJ$^+$12]. **lucius** [BVP$^+$13, MMVAHMC16]. **Lujiang** [YLW$^+$11]. **lumpy**
[BRMW18, WRMB18]. **lupus** [CWL$^+$16]. **Lygodium** [HEJP17]. **Lyme**
[WGSR19].

M [Jør14a]. **maackianus** [HH12]. **MACAROMOD** [RPC$^+$17].
Macaronesian [RPC$^+$17]. **Macaw** [HBT$^+$18, MFB17]. **macchia** [MVC$^+$17].
Machine [PLB16, CGP12, FKK$^+$18, GMC$^+$19, MHL$^+$19, MRWN19,
NGGFM19, SMI$^+$19, WKF$^+$17, ZHLZ17]. **machine-learning**
[MHL$^+$19, SMI$^+$19]. **machines** [MMVAHMC16, SZSV12b]. **mackerel**
[BRS$^+$18, HCM$^+$18, LCC$^+$14]. **Macquarie** [ATCJ$^+$19]. **macro** [BH13b].
macro-invertebrates [BH13b]. **macroalgae**
[BN10, CVPH$^+$14, JGB15, SØB14, YMCV21]. **macrobenthic**
[CZCL18, KM12b, MGGLBIBD13]. **Macrobrachium** [CLW$^+$19].
macrochirus [GV11]. **macroecological** [DDR$^+$18]. **macroinvertebrate**
[MR17, SLY$^+$17, TFMP11]. **macroinvertebrate-based** [SLY$^+$17].
macroinvertebrates [KSG$^+$14, LBE$^+$13, SMT19a, SMT19b].
macromolecular [ANMJ12]. **macrophyte**
[GSQ17, JHH$^+$12, LCY$^+$13, NFU19, VAO$^+$17, ZLY$^+$13, ZJL$^+$14].
macrophyte-derived [ZJL$^+$14]. **macrophyte-dominated** [ZLY$^+$13].
macrophyte-rich [NFU19]. **macrophytes** [LHZ10]. **macrophytic**
[GYL$^+$13]. **macroscopic** [DLCR13]. **macrotidal** [GJÁ$^+$10].
macrozooplankton [RZF$^+$13]. **made** [AW15, BdCS11]. **Madrid**
[RCBPMN10]. **Maestri** [HBT$^+$18]. **Maggiore** [FRM$^+$19]. **MAGI** [ZSKI17].
main [GHST19]. **Maine** [MJLC14, SLRC19]. **mainland** [BP10].
mainstream [RDV$^+$17]. **maintain** [PBG$^+$17, SRP18]. **maintained**
[LCML11]. **maintains** [YZ18]. **maintenance** [MR10]. **maize**
[FPO18, FYWA12, HLLO13a, HLLO13b, LZZ$^+$14, SLZ$^+$18]. **major**
[HSM$^+$12, HBA16b, MSO10, NP18, SBF15, SBDA16, WKZ$^+$19]. **make**
[SBD$^+$19, SKM$^+$16]. **Making** [Gia14, BFNH14, BPT$^+$19, CGL15, EAJG16,
GCCJ12, KRE$^+$18, KK15a, NCLP10, SHX$^+$12, SWGC16, WC13c].
Malacosoma [BFA11]. **malaianus** [HH12]. **malaria** [MAO19, RDR$^+$13].

Malawi [DATI10]. **Malaysia** [ABAA21, LHL⁺17]. **male** [AMM⁺14, SK10].
males [EEB⁺17]. **Maling** [RBRK16, RBRK16, SGP18]. **mammal**
[DMB⁺19, GGTP⁺17, WGL⁺12]. **mammals**
[BFP⁺18, FAPM12, FCA18, MSCM18, RMR⁺16]. **man** [BdCS11, dSdCF10].
man-made [BdCS11]. **Manacapuru** [dSdCF10]. **manage**
[BMP⁺19, KØ13, WB16]. **managed**
[GCK⁺15, HBH⁺12, MWML13a, MPG18, WB17]. **Management**
[DA17, ETG⁺18, GHS⁺16b, Mur12, TCGC16, ACCM16, AHM⁺16b, ASP⁺15,
ABC⁺17, AHF⁺13, Bae18, BS13, BLD⁺10a, BlMG⁺11, BGG16a, BFJZ⁺11,
BEPC15, BT16, BKMK10, CRAP13, CF17, CN10a, CRA⁺11, Che15a,
hCjHMW18, CSH11, CLD⁺17, CAMCK⁺12, CMCASS12, DLL18, DS12,
DML15, EMH10, FH11, FSM⁺19a, FSM19b, FBKS17, FS18, GH13, GWC⁺10,
GBB13, GPM16b, GOSH⁺12, GB15, GYL⁺13, GS19c, HV12, HPO⁺15,
HBT⁺18, HCL⁺16, HT16, HGBA⁺13, Hol13, HSM⁺12, Hu16, IS13, ISG13,
JGF14, JBB⁺11, JWLS17, KDK⁺10, KSSA13, KPLS15, KTM⁺16, KLGL19,
LV17, LBE⁺17, LSA⁺19, LVLS14, LLT⁺17, LHB⁺18, LKAY15, MFB17,
MGR⁺18, MRD⁺12, MSMM11, MWML13b, MS16, NCEGB16, Nei11,
NBD⁺13, NNP19, OJM⁺12, OWMK10, PAT17, PPZ⁺17, PMB⁺19, PKT15,
PGR⁺16, PW10b, Pra12, RFV⁺12, Ret12, SS16, SBD⁺19, SPR⁺18, SHCR10].
management [SHX⁺12, SKMB11, SBC⁺15, SGRAdJ17, SRT16, SLRC19,
SB15, SLD⁺19, TSN17, TLP17, VVA⁺15, VQS⁺18, WKZ⁺19, WRSL11,
WEB11, Wil11a, Wil12, WK17, WZL⁺16, WEJ11, XZCL16, YWA⁺17,
ZBAY14, ZSG12, ZHC⁺16, ZKR⁺13, ZWRK13, ZLW⁺15, ZF11, ZBS14,
ZHCX15, aGSCMF15, dMLM⁺17, vDHH⁺13, MLAT⁺18, WPZ⁺11].
manager [DML15]. **managers** [KLGL19]. **Managing** [ACDC17, BHD16,
DPV⁺16, ESP⁺17, GHS⁺16a, GCTS15, JJMW14, KK13, RP10]. **manganese**
[WWYO17, WWYO18]. **Mangrove** [DBS18, CZCL18, GSS⁺14, MRG13a,
MRG13b, PLFO⁺12, PVL⁺14, XCL⁺11, dHR18]. **mangrove-based**
[XCL⁺11]. **Manhattan** [LB17]. **Manica** [GU11]. **maniculatus** [BB18].
manipulating [TV15]. **manipulation** [LLFL12]. **manner**
[KHHN17, PDG⁺14]. **Manorina** [HS11]. **mantis** [ADL⁺10]. **mantle**
[SBDA16]. **manual** [MJK⁺17]. **manure** [GPD⁺13, MRP⁺11, SFvB10].
manure-amended [SFvB10]. **many** [LM12, OOFVBC16, vdVJS16]. **map**
[BFR17, DGKSM13, LLC11, PGKG12, RFV⁺12, SSM⁺13]. **Mapping**
[ASP⁺15, Hat14, HS11, MAO19, SGP18, CCLX17, COK⁺11, Fai10, JBV⁺15,
KDK⁺10, KS17a, KS17b, MGGLBIBD13, dMHGA10, MOM⁺11, NPP⁺18,
VSB13, VBS14, WLR⁺11]. **MAppleT** [DHC14]. **Maps**
[BME14, ARTBB14, MMGK15, PLB16, RPPW16, SGRAdJ17]. **March**
[Ano10y, Ano10z, Ano11t, Ano11u, Ano12x, Ano13w, Ano14b, Ano14t,
Ano15f, Ano15e, Ano16f, Ano16p, Ano17-39, Ano17w, Ano18-27, Ano18-43,
Ano19-41, Ano19-48, mLcLJ16]. **Marco** [UB12]. **Marennes** [PLR⁺13].
margin [RW10]. **marginal** [MRES17]. **marginality** [GS19b]. **margins**
[DPBK10, WFA⁺13]. **mariana** [SGG14]. **Marina**
[VB10, DLL⁺19, Hos11, KR10a, KvTL⁺18]. **Marine**

[Ano10h, Ano10j, Ano11x, Ano11y, Ano12-31, Ano12u, Ano13-37, Ano13v, Ano14d, Ano15c, Ano15n, Ano16c, Ano16i, Ano17y, Ano17-27, Ano18-36, Ano18-45, Ano19-44, Ano19-43, WTC$^+$18, BMD18, CEWW18, Log17, PJ17]. **MC2** [PBFS14]. **McGregor** [dOMZ13]. **MCMC** [WC13a, WC13b]. **meadow** [CSS$^+$19, FBDZ12, SLZ$^+$17]. **meal** [KAJØ19]. **mealybug** [FTK$^+$14]. **mean** [SBVA$^+$13, YTT$^+$11]. **meaning** [MCPB15, RHD$^+$13, RHR$^+$15c]. **meaningful** [MAFG$^+$19, RRH$^+$19]. **means** [BP17, BMF$^+$11a, BMF$^+$11b, GMLRF10, NMC$^+$14]. **measurable** [SDD$^+$13]. **measure** [AOW12, KFvSH15, mLcLJ15, mLcLJ16, PdM11, VPB$^+$12, dHR18]. **Measured** [KLS$^+$14, HMS$^+$10]. **measurement** [HTB13, HTB17, SP12]. **measurements** [Gra14, PSKO16]. **Measures** [Sma13, AMRH19, BNMP11, BvHR$^+$15, CLD$^+$17, GGZ14, GJB$^+$11, HL19, KM12a, NL12]. **Measuring** [ACC$^+$10, AWSS14, AS14, DSM$^+$12, GCV14, Hoa11, MPGCS14, MSFR15, TdS12, ZF19, ALKB10, Hos11, MdMS$^+$19]. **Mechanics** [KR16, RHR$^+$15a]. **mechanism** [BCC$^+$14, hCjHMW18, GGR$^+$13, HDL$^+$16, KKI$^+$14, LWTZ18, XJY$^+$16, XZCL16]. **Mechanisms** [CH15, CMM$^+$10, DSW$^+$17, GGSP14, LYCU14, PMF$^+$13, PMP$^+$13, RPSA12, SCHQA16, TBA19, WSE10, YDT$^+$13]. **Mechanistic** [LHO$^+$16, SBDS13, TKN14, ACC11, BWH13, BMR$^+$18, BCB$^+$11, BPM$^+$17, CHPS17, CKH15, GHWG$^+$14, GBW$^+$15, HB12, HOKH18, LAR$^+$16, PAB13a, PVL$^+$14, POB18, SvdMKS11, SAR11, SJB$^+$16, TS11, TWL11, WHNR19]. **mechanistically** [SBM$^+$11, THO10b]. **mediate** [BPN12]. **mediated** [BMR$^+$18, CWJ$^+$13, FC12, HTL$^+$14, SRM11, ZSKI17]. **mediating** [ERGW$^+$11a, ERGW$^+$11b]. **mediators** [GSSM13]. **medicinal** [GWR11]. **mediopunctata** [CMH14]. **medirostris** [HMP$^+$19b]. **Mediterranean** [BDV$^+$19, DBVS19, PPB$^+$18, WLS$^+$11, AKvO$^+$10, ABGB15, BSASSJ$^+$13, BC11, CCCP17, CRAP13, CHR$^+$13, CB19, CSS$^+$16, CVM$^+$18, CQS15, FAC$^+$19b, FPG$^+$10, GMP13, GDDFT16, HWE$^+$18, IGBSASSJ16, KAF$^+$14, LCAJGFNS14, MSGG14, MFESBG$^+$13, MVC$^+$17, PBD$^+$17, QDH$^+$10, RPA12, SAR11, UDNSLC$^+$18, WLS$^+$10, aGSCMF15]. **Mediterranean-type** [HWE$^+$18]. **medium** [NSIiT17]. **meets** [PLB16]. **mega** [WYY$^+$19]. **megafaunal** [Flo14]. **megalopolises** [LZJ$^+$19]. **megalopolitan** [TJYZ11]. **Meganyctiphanes** [JR16]. **megapopulation** [MLG18a]. **Mejillones** [ROSC15]. **Mejillonesa** [OBC$^+$21]. **melanoleuca** [GFW$^+$17]. **melanophys** [HS11]. **mellifera** [RBH13]. **mellowed** [Jen12]. **melodus** [GKF$^+$14]. **memory** [ADF13, EIG$^+$10, GM10, GPZB18, KKI$^+$14]. **memory-based** [KKI$^+$14]. **menhaden** [DC10]. **mental** [KHHN17]. **mercury** [AML13, CW17, FE14a, FE14b]. **Merging** [AVG14, MK19, SJGB16]. **Merodon** [KTV$^+$15]. **meromictic** [PBK14]. **mesh** [Lec17]. **Mesic** [SHB$^+$11a]. **Meso** [MTJF11b]. **Meso-American** [MTJF11b]. **mesocosm** [KPS19, SPP18]. **mesocosms** [DJT$^+$19, MM16]. **mesoFON** [GSS$^+$14]. **mesophilic** [Vav10]. **mesophyll** [MEC14]. **mesopredator** [ACE$^+$17]. **mesotrophic** [CT11]. **mesozooplankton** [ANMJ12, AHS14]. **meta**

[BBC$^+$19, CR12a, JBB$^+$11, JS12, SLSS15, TŠAD12, WGA$^+$13].
meta-analysis [WGA$^+$13]. **meta-ecosystem** [CR12a]. **meta-ecosystems**
[BBC$^+$19, JS12]. **meta-heuristic** [TŠAD12]. **meta-model** [SLSS15].
meta-population [JBB$^+$11]. **metabolic** [AYASR$^+$17, BND19, CSL$^+$12,
DLL$^+$19, FD19, HZZ$^+$18, HB12, RMLTCQ$^+$19, Wal16, XTLM15, ZPZ$^+$15,
ZYFL10, ZLF$^+$11, ZLC13, ZLF14, ZLF$^+$15, ZLFZ16, ZMH19]. **metabolism**
[CdMMF16, Che15a, CHVH13, CLNN14, FKWZ19, GZS$^+$18, GRD$^+$14,
Hal11, HM18b, LHL18, LWTZ18, MGW$^+$13, XZSL17, YKZZ14, ZYLY11,
ZLZ17c, ZLZ17b, ZWF18, ZF19, ZHCX15]. **metabolisms** [LG17, MTL$^+$10].
metabolites [SWS16]. **metacommunities** [BND19, CH19, DRS$^+$16].
metacommunity [Con11, Con12, FGPR10, SBC$^+$15]. **Metagenome**
[RMLTCQ$^+$19]. **metagenomes** [ZPZ$^+$15]. **metagenomics** [AYASR$^+$17].
metal [AJDS16, GSPSP15, RM13]. **metals**
[BCC$^+$11, BCC$^+$14, GVC10, HZT$^+$13, MAP$^+$13, MB17, TLL$^+$17]. **metamer**
[GCR18]. **Metapopulation** [GBB13, NSN17, UM18, BD18, BP10, BNP10,
CJM$^+$12, CDG15, KPLS15, LJAD17, LBR16, LW17, MAM$^+$12, MRD$^+$12,
MRM$^+$17, PP10, Pec12, RJG$^+$13, Uch16, WPG15]. **metapopulations**
[MP13, RHO11, RAdA12, RP10, SSS$^+$11, WFA$^+$13]. **Meteorological**
[SHM$^+$17, CTP$^+$17, Jam16]. **methane** [KVS17, LHZS10, VRC17, VRL18].
methanization [Vav10]. **methanogenesis** [COPP13, PJ16, Vav12].
methanol [Vav10]. **Method** [CVS$^+$13, HKVD16, AFC12, AH17, Bai18,
BLBB13, BRHD15, BHPF14, CGV$^+$15, Cho13, DFL$^+$16, DB15, DDR$^+$18,
FHL$^+$13, GH13, GB16a, HMD$^+$16, Jør15a, Jør15b, KDK$^+$10, LSZC10,
LPT$^+$18, LWC$^+$18, LZZW17, LP17, MLY$^+$19, OKS$^+$11, Sci11a, SML12,
TFMP11, WLR$^+$11, WHC$^+$13, XPY$^+$14, YKL$^+$12]. **Methodological**
[GRRU15, CBR$^+$16, DWNN10, DAF$^+$11, FCLFB18, JTM$^+$17].
methodologies [BCT15]. **Methodology**
[MA10, SBC13, BHD16, BYR18, CLBSG11, KCP$^+$15, MK13, YL18].
Methods [BMCG12, FG11, Lec17, LLCR11, SW11, SZVV10, VG19,
AADA14, BTM$^+$10, BCJ$^+$12, BS10c, BP10, BPD$^+$19, Cam15, CGL15,
ČTT$^+$12, Cho13, DPLC13, FIG$^+$10, FBH$^+$14, FKK$^+$18, GdSHA10, HLW15,
LBR$^+$17, LLCR10, LWY$^+$11, MGW$^+$13, PWBG16, PBO19, Pat12, Pat14b,
PMH17, PES19, PBT$^+$11, Pér18, RWS$^+$15, SZV14, SvWP$^+$15, Sil11,
THBF$^+$17, TAGC$^+$16, WTG$^+$16, ZLY16, Jör11a]. **methylisoborneol**
[HD14, HD16]. **Metric** [NG11, GO15a, SLY$^+$17]. **Metrics**
[Mar12, BFS11, FSB13, FCA18, HHD12, Kos17, LBH$^+$15, SvWP$^+$15,
SDEP18, WBB$^+$21, WZL$^+$16, dHR18]. **Metropolis** [CTMS10].
Metropolis-Coupled [CTMS10]. **metropolitan**
[HLW15, LDYL18, TOQW11]. **Mexican** [FMBD15, MROGVR12]. **Mexico**
[RR10, BLLJ17, CNH$^+$11, CMCASS12, HHC15, KWGG19, LLC$^+$17,
LMGW16, MAC14, MZLCSZdP11, PDAL14, RIMPBT19, SLW17,
ZRCNLI$^+$15, dMSL$^+$16]. **MF** [DA17]. **MFA** [mNkGyT$^+$17]. **MFA-based**
[mNkGyT$^+$17]. **Mg** [GVV$^+$16]. **MIB** [HD14, HD16]. **Mice** [TB13, PME$^+$16].
Michigan [SGDP19]. **Michx** [ARM$^+$12]. **Miconia** [PMS11]. **micro**

HHL17, Hei11, HHC15, HW12, HGAT17, HBSF16, HBH⁺12, HLK⁺12, HHvO⁺17, HVCP16, HSVL12, HL19, HOKH18, HPC13b, HRWT12, Hos11, HWL17, HNWT10, HHF⁺10, HGLZ13, HBA16a, HBA16b, HG17, HYL⁺17, HAA⁺21, HBL18, HGN⁺16, HSD⁺15, HPW⁺12, HBB15, IFC14, IT17, IWW12, IGR⁺18, IN16, IKH⁺11, JSKK15, JZ12, JNHF18, JBB⁺11, JSL⁺10, JTB⁺19, JZG10, JHH⁺12, JDZC14, JCKG15, JLZ⁺18, JOHW17, JHT⁺14, JJS10, JL18, JN15b, JAKJ10, JDGJ13, JNC⁺11, KR10a, KK13, KCLL14, KWS⁺13]. **model** [KUI⁺18, KB10, KW18, KWH14, KJMA11, KTGH19, KYvdPS14, KDMPC10, KL10, KLS17, KHJ⁺19, KPS17, KHW⁺17, KEM⁺16, KdVRdW17, KB18, KH15, KGD14, KCB⁺17, KPT11, KPK⁺17, KVS17, KK12a, KWJH16, KKI⁺14, KVP16, KKK⁺19, KB11, KMS⁺12, KMS⁺13, LV17, LJLC15, LJBS12, LKMCW14, LAK⁺21, LKKK⁺14, LBR⁺17, LDG14, LAR⁺16, LJR14, LDS14, LLB⁺19, LAD11, LMT13, LSR16, LBSB⁺14, LJ15a, LKLK15, LSA⁺19, LLC⁺17, LBE⁺13, LH15, LWKS10, LPPA15, LF11, LkSXhX17, LLL⁺10, LHZS10, LAB⁺10, LHZ10, LHZN11, LDL12, LTL⁺13, LCL⁺13, LLM⁺13, LZZ⁺14, LLT⁺14, LJ14, LCCL15, LLZ⁺15, LJ15b, LYSW15, LYJ⁺15, LJ15c, LLZ⁺16, LHP16, LSJG17, LYD⁺17, LS18, LZ10, LHB⁺18, LQW⁺19, LLQN13, LDP14, LDM15b, LMCA⁺12, LKP13, LGY10, LLC11, LVZ⁺11, LCTH12, LSGT13, LBS⁺14, Loe12, Loe14, Log13a, LIM⁺16, Löp11, LSL10, LHLW15, LL18b, LSM19, MTZ⁺10, MLW11]. **model** [MW12, MW15, MCWG21, MBSW12, MDW⁺12, MMD⁺17, MSP⁺13, MCH15, MGMR15, MD16, MRM16, MBG17, MJB⁺11a, MPM⁺15, MRN12, MKL14, MLMFN⁺15, MdlP15, MJL⁺13, MJL⁺14, MYHN17, Mat17, MKSL⁺17, MTGD17, MKTO19, MFS18, McC16, MU10, MBUM12, MGCL17, MSCM18, MvdWU⁺16, MTJF11a, MAP⁺13, MSF18, Md18, MG18, MHG18, MK19, MDL⁺10, MRES17, MWML13a, MLAT⁺18, MBM⁺18, MPL⁺16, MJF19, MH10, MSHC13, Mon13, MGSB11, MMGK15, MP17, MAMNL⁺15, MSCH14a, MSCH14b, MDVG⁺15, MSO10, MCP16, MSFR15, MATS14, MGW⁺21, MEC14, MJGC13, MMMCAHM21, Mur11, MS16, Nak17, NP18, NOOM⁺16, Ned15, NBK⁺11, NB11, NPJ⁺17, NMA⁺19, NPH⁺17, NGRDTHRL19, NG11, NiSK21, OE12, Och10, OJ10, OFH⁺19, OJ15, OWMK10, OCCF17, OKS⁺11, OGOWW16, PRHH13, PKB⁺18, PSB⁺17, PBB⁺14, PC17, PCTW17, PFP⁺16, PDAL14, PGW19]. **model** [PHP⁺14, PBD19, PLS⁺10, PHC10, PD12, PAB13a, PBFS14, PLL⁺19, PRH17, PMRGF10, PWK⁺17, PGK⁺13, PKW⁺10, PP12, PNHL14, PZM13, PHP15, PGG14, PvVC13, PMS11, PGGMMA19, PMTKC17, PBK14, PPO12, PME⁺16, Qia12, QCLW18, QDH⁺10, QFG⁺13, ROG⁺16, RKL⁺15, RVL⁺18, RML⁺15, RMP⁺18, RJH⁺10, RL15, RSE10, RFZB12, RMTM⁺16, REB⁺16, RPM13, RAF17, RRHH10, RSDP⁺12, RHZ⁺18, RPC⁺17, Rin14, RPGA15, RNS⁺19, RGRMRR18, RRJVA13, RCC⁺11, RCG⁺13, RDR⁺13, RDD⁺17, RCGC17, RAB⁺10, RMHE15, RWvDM15, RDD⁺14, RPGSCF16, RPA12, RML⁺13, RR10, RWP11, RBGB16, RP11, SZSV12a, SJTS13, SLW17, SRHL11, SBCB13, SMSAN⁺14, SLSS15, SFM⁺18, SNS⁺12, SBM⁺12, SR14, SHT⁺21, SAAD16, SKHH19, SW11, SBDS13, SJS⁺13,

CCF13b, CMA⁺13, COY⁺10, CMCASS12, CRD⁺16, CVG⁺15, CBA12,
Cra10, CN10b, CN18, DWNN10, DLH⁺14, DÖWB12, DKJH13, DPV⁺16,
DAP18, DLvGGNC16, EH15, EH19, EEFE⁺11, EST⁺19, Fai10, FMW⁺19,
FJH15, FE14a, FYR⁺18, FtHvdB⁺14, FCLFB18, FLB⁺15, FLA19, FMF12,
FCV⁺12, Fuj16, GHWG⁺14, GCDA16, GCA16, GGV10, GGV11, GGV13,
GLR⁺19, GWC⁺10, GMTC⁺17, GAHE11, GGZ14, GT14, GB16c, GPP⁺19].
models [dSGGBW12, GAV⁺11, HMP19a, HBR19, HSLC⁺19, HCW⁺17,
HLS⁺14, HHD12, HB12, HWS11, HMS⁺11, HS13a, HTB13, HTB17, HS13c,
HS13b, HB10a, HHW11, HBT⁺18, HCL⁺16, HB14, HGBA⁺13, HKP10,
Hu16, HhLY⁺19, IPSH14, JGF14, JKS⁺10, JDT⁺17, JWLS17, JSdSdL⁺18,
KFWM19, KM12a, KK10, KMF⁺21, KSAS12, KFDL⁺19, Ken19, KKL⁺12,
KZR⁺13, KP13, KPM⁺14, KAC⁺12a, KAC⁺12b, KCG18, KRL11, KNM⁺10,
KS17a, KS17b, KHHN17, KWGW19, KVU⁺10, KPS19, KSG⁺14, KMMS17,
LJLC15, LTL⁺19, LRZ12, LBA14, LBA15, LMT13, LBSB⁺14, LPF11,
LBH⁺15, Lem16, LBD10, LKDD15, LdMS⁺16, LLCR11, LZZP16, LHW⁺15,
LLH⁺17, LPT⁺18, LS10, Lin10, Lin16, LJWN14, LDCB21, LCDJ⁺12, LM16,
LCMG18, MK13, MG16, MBHW12, MHTC15, Mar12, MGD⁺12, MLG18a,
MWK19, MM19, MA10, MTA19, MROGVR12, MC11, MCR⁺15, MU10,
MSB⁺17]. **models**
[MSMM11, MGS16, MPF⁺14, MK19, MSV⁺11, MF12, MAMNL⁺15, MCN16,
MDG10, MDV⁺12, MBA⁺19, MJÁ⁺12, MMMGLN⁺18, MRTW18, NYIH17,
NS15, Ned15, NMS⁺14, NBSGW19, NF11, NMdR16, OOFVBC16, OGG⁺16,
OT15, OBLJ13, OLG⁺13, OBC⁺21, OCD⁺13, PLR⁺13, PMM11, PSG19,
PES19, Pea15, PBT⁺11, PRP17, PD15, PWP⁺19, Phi11, POBH10, PGS16,
PLHG14, PMLL11, PFR15, RLB⁺12, RFV⁺12, RWS⁺16, RW17, RLS11,
Rem11, RWVK11, RAM10, RR12, RKBG14, RRJVA13, RV15, RKNO17,
SZSV13, SHBG10, SC21, SVD⁺13, San17, San19, SW11, SWS16, SBD⁺19,
SPR⁺18, SHC⁺15, SA13, SSK14, Sil11, SGM⁺14, STD15, SJB⁺16, SK11,
Slo11, Sma13, SLMS14, SWR⁺16, SPWR17, SPB⁺17, SAKB⁺10, SWGC16,
Sto10, SMLH⁺11, SLD⁺19, Tat16a, TRP12, TFH12, TPG14, TMC⁺16,
TT17a, TTL⁺18, TFMP11, TS11, TBM⁺14]. **models** [TAGC⁺16, UDRA13,
VAB⁺18, VC17a, VALC12, VHDM17, VRA⁺17, VPM⁺18, VAK⁺11,
VEMS12, WLY⁺15, WR13a, WRB⁺12, WBB⁺21, WUB15, WBHM11, WR12,
WKH19, Wil11b, WHC⁺13, WYPF15, YSB11, YRGH16, ZBMC14, ZGJ10,
ZKR⁺13, ZLB14, ZZFH15, ZDL⁺17, ZBSF17, ZR19, dJHMS19, dSdCF10,
dSD14, vVBHZ11, vdKGV11, vdVBJS15, vdVJS16, Jør10a]. **moderate**
[MMK15]. **modes** [Log19a, Phi11]. **MODFLOW** [ZSKI17].
MODFLOW-AgroIBIS [ZSKI17]. **modification** [SV13]. **modifications**
[PW10a]. **modified** [KPSC10, KB18, LJ15c, WMF⁺13, WBHM11]. **Modis**
[dMHGA10, KKL⁺12, LCL⁺13, PSS16, PSKO16]. **modular** [Kal19, LL18a].
modularity [ZRCNLI⁺15]. **modulate** [VCE17]. **modulates**
[GTM⁺19, PDG⁺14]. **Modulation** [GCR18, Ver10]. **module**
[ALeSD17, LYJ⁺15, SEHD18, WZGH18, ZSJ15]. **moisture**
[DS21, FBA⁺11, LYD⁺17, LPS⁺10, NBK⁺11, WJK11]. **moisture-based**

[FBA⁺11]. **Molinos** [REB⁺16]. **Molly** [GBW⁺15]. **moment** [KCG18].
monarch [GPZB18]. **Mongolia**
[HYL⁺17, LWL⁺17b, SAW⁺11, YSA⁺14, ZJL⁺16]. **Monica**
[MJK⁺17, NBK⁺11]. **monitor** [Wal15]. **monitored** [WC13c]. **Monitoring**
[CN10a, GZVU14, KFvSH15, KPSC10, LWY⁺11, BJPB11, CPAG15, CR11,
CR12b, HVL⁺19, Hat14, OFH⁺19, PWBG16, PGZ⁺19, PRH17, RHS⁺16,
TPG14, YBA⁺16, ZCS13]. **monkey** [LML17]. **monkeys** [WFDDR10].
monocarpic [HCW⁺17]. **monoculture** [LYD⁺17]. **monocultures**
[RW10, YHW⁺12]. **Monod** [Ano17a]. **monotonicity** [ZYKS15]. **monoxide**
[LYJ⁺15]. **montado}** [ABC⁺17]. **Montana** [RRG⁺15]. **montane**
[ACM15, DH12, HBG⁺16, MBSF14, PMF⁺13, PTE⁺12]. **Monte**
[BWA17, CTMS10, HT14, Ken19, KGM12, MA10, Qia12]. **Monte-Carlo**
[KGM12]. **monthly** [LCS11, ZTJ⁺10, ZJM⁺13]. **Moor** [DA17]. **moorings**
[KL12]. **moose** [GJB⁺11, JSW⁺13, Rem11]. **moose-vehicle** [GJB⁺11]. **mor**
[LKKK⁺14]. **Moran** [NS15]. **moratorium** [WDL⁺15]. **Morava** [SSM⁺13].
Moreton [KSZW16, WEJ11]. **morhua** [IKL13, JNHF18, PWK⁺17, SLRC19].
morph [PH18]. **morphodynamics** [LBD10]. **morphological**
[CWLL15, CLBSG11, YMCV21]. **morphometry** [MH10]. **Morris** [BLBB13].
mortality [BEZ19, BLW⁺17, dÁGP14, CCS13, CHNdÁP18, CD15, DSS11,
FPO18, GHST19, HLLO13a, HLLO13b, KSS11, KSZW16, MBHW12, PSG19,
Pér18, RRG⁺15, SK10, SVH⁺19, SGWV15, WC19, War10]. **mosaic**
[DSBS15, FPG11, FPWG14, RKC⁺15, TRD⁺15, ZWG⁺13]. **mosaics**
[BSS⁺14, HGSJ15]. **MOSES** [AAJB21, TKH17]. **mosquito**
[BVVS15, CTB⁺12, FKK⁺18, WKF⁺17]. **most** [ACK⁺14, RRH⁺19]. **Moth**
[GKKW10, GBB13, GPM16b, GCTS15, KL10, NS15, SFHK12]. **motile**
[BEBA19]. **motile-phytoplankton** [BEBA19]. **motivation** [BA17].
motivations [PNHL14]. **Motus** [BLFS18]. **Mount** [Hat14]. **Mountain**
[SRT16, AKvO⁺10, BA14b, BRPK14, GANB11, MVC11, OT15, PGR⁺16,
PBG⁺17, PB14, RRG⁺15, TOHT14, TNTH11, CZC⁺15, MJK⁺17].
mountainous [Bre12]. **Mountains** [FLX⁺14, GFW⁺17, KPT11, KMP14,
LGDW12, KAF⁺14, CL12b, FSS⁺17, GB15, HOŠ⁺12]. **mouse**
[LSGT13, LBS⁺14]. **mouth** [DVL11]. **move** [TL15]. **Movement**
[BPWB14, GGTP⁺17, KRL11, AHS⁺16, ADF13, BEZ19, BMSLC16, BV15,
CH14, DFL⁺16, DDBK15, EZ14, GPZB18, GKKW10, HB13, HM17,
KNU⁺15, KK12a, LGMLD19, LB15, MBG17, MLS⁺11, MHY⁺15, OC15,
PHP15, PPBD13, RR10, Str15a, Str15b, VF16, WR13a, WR17, WSC⁺19,
ZDL⁺17, ZHV14]. **movements**
[ALKB10, APWT15, BLH10, BKP10, Bar11, BFNH14, CLD⁺17, FBH⁺14,
FS18, HCM⁺18, LAK⁺18, RV13, TDF⁺19, VSPHS15]. **Moving**
[BL15, MRWN19, WK11]. **mowing** [LSA⁺19]. **mown** [MBA⁺19]. **MPA**
[CGEdM12]. **MRIO** [WFSH15]. **Mu** [HYL⁺17]. **much**
[DFH⁺14, ESP⁺17, MS14]. **mud** [CSN⁺19]. **Multi**
[BRHD15, CN11, CTP⁺17, CL12b, DSA⁺18, HZZ⁺18, HLK⁺12, KHW⁺17,
SGDP19, VFFP16, ABB⁺14, AMR16, AH17, BKN21, BMMC21, BGGL16,

BGMJ$^+$12, BHPF14, CRB16, CF17, CY13, CSFR15, DTS$^+$12, DVL11,
EBA$^+$19, FHAG12, FGPR10, FD19, GSQ17, GLC$^+$18, GBL$^+$13, GOSH$^+$12,
HZSH17, HMS$^+$11, HCP10, HPO$^+$15, ISG13, JZG10, KGM12, KK15a, KH15,
LVB$^+$15, LM13, LSJG17, LYC$^+$15a, LP17, LCDJ$^+$12, MBA$^+$19, NLM$^+$19,
NNP19, PK14, PWK$^+$17, RKC$^+$15, SHX$^+$12, SLY$^+$17, Tat16a, TAC$^+$14,
TOQW11, TNHB12, WFS$^+$19, WK17, WKH19, Yan11, YLF$^+$15, YHJ$^+$17,
ZWRK13, ZQC15, ZZJ$^+$16, ZLZ$^+$17a, ZZT13]. **multi-actor** [GBL$^+$13].
Multi-agent [ZZJ$^+$16, BMMC21, DVL11, GLC$^+$18, HZSH17, TOQW11].
multi-basin [ZWRK13]. **Multi-criteria** [VFFP16, SHX$^+$12].
multi-criterion [ZZT13]. **multi-disciplinary** [LP17]. **multi-field**
[DTS$^+$12]. **multi-fleet** [ISG13]. **multi-grain** [LVB$^+$15]. **multi-layered**
[AMR16]. **Multi-level** [HLK$^+$12, FD19, KH15, LCDJ$^+$12, PWK$^+$17].
Multi-method [BRHD15, AH17, BHPF14, LP17]. **multi-metric** [SLY$^+$17].
Multi-model [CTP$^+$17, YHJ$^+$17]. **Multi-objective**
[CN11, DSA$^+$18, CRB16, EBA$^+$19, GOSH$^+$12, NNP19, Tat16a, WK17,
WKH19, Yan11, ZZJ$^+$16]. **multi-purpose** [KK15a]. **multi-regional**
[ZQC15]. **Multi-scale**
[HZZ$^+$18, SGDP19, CY13, FHAG12, HCP10, NLM$^+$19, YLF$^+$15].
multi-scaled [WFS$^+$19]. **multi-sector** [KGM12]. **Multi-site**
[KHW$^+$17, HMS$^+$11]. **multi-sources** [ZLZ$^+$17a]. **multi-species**
[ABB$^+$14, BKN21, CF17, CSFR15, FGPR10, GSQ17, ISG13, JZG10, LM13,
LYC$^+$15a, MBA$^+$19, RKC$^+$15]. **Multi-taxa** [CL12b]. **multi-temporal**
[LSJG17, PK14, TAC$^+$14]. **multi-trophic** [TNHB12]. **multi-type**
[BGMJ$^+$12]. **multi-year** [BGGL16]. **multiannual** [vDHH$^+$13].
multicriteria [HFU11, ZH11]. **multilayer** [Fis21, MMMCAHM21].
Multimedia [XQZ$^+$13]. **multimodal** [PP19]. **multinational** [HSM$^+$12].
Multiple [dSCdA18, PW10a, AHS$^+$17, BWH13, BG19, BR16, BA17,
BPC$^+$17, CZR$^+$14, DH18, Fai10, HL19, IT17, JBW$^+$17, KDK$^+$10, KR16,
LZZP16, MAC14, MTJF11b, MSHC13, MMPG16, POS$^+$19, PGATS13,
PÓF$^+$18, SFM$^+$18, SG11b, SYY$^+$19, WBC$^+$12, WCS$^+$14, ZBAY14, ZHC$^+$16].
multiple-expert [MSHC13]. **Multiplex** [PCRP12]. **multiplicative**
[BVC$^+$18]. **multiscale** [ChHC12, DHC14, MTJF11a]. **Multisite** [AADA14].
Multisite-multivariable [AADA14]. **multispecies** [BFPR16, CRD$^+$16,
For18a, GDC12, GHS$^+$16b, HW12, MFD$^+$15, NB11, PF12, TTCC$^+$19].
multispectral [KHS$^+$19, PSKO16]. **multistage** [BP19]. **multistate**
[BS10c, TB12b]. **multitrophic** [RSDP$^+$12]. **multivariable** [AADA14].
multivariate [LGY10, WLC$^+$19]. **mungbean** [BKM$^+$18]. **MungGro**
[BKM$^+$18]. **municipal** [BWRA16, ZHCX15]. **municipalities** [ZQC15].
municipality [MSS$^+$19, dHR18]. **muntjak** [SK11]. **Murgia** [LDM15a].
Murrumbidgee [WRSL11]. **Muscidae** [LIM$^+$16]. **mussel**
[DWNN10, DMB$^+$18, FWRZ10, HSvO$^+$18, LSR16, dÁSMRT$^+$19]. **Mussels**
[CPS15, KVP16, Lin15b, PCRP12]. **muta** [ZPNM13]. **mutations** [HDL$^+$16].
Mutual [JJS10, dSCdA18, F.11]. **mutualism**
[CN18, IKH$^+$11, JBE$^+$15, MCA18]. **mutualisms** [WSE10]. **mutualistic**

[BBHP13, LG12, MCA18]. **mycorrhizal** [JBE$^+$15]. **mycorrhizas** [VH12].
myiasis [LIM$^+$16]. **mykiss** [KGM12, MSB$^+$17]. **Myrna** [Wei19]. **Myzus**
[GOSH$^+$12].

N [DVD$^+$14, DAP18, HMS$^+$11, HBA16a, LWGH13, LYJ$^+$15, LSM19,
MRP$^+$11, MEC14, SBC$^+$11, TGM$^+$21, WB14, ZR19]. **N-labelling**
[TGM$^+$21]. **N-mixture** [DAP18, ZR19]. **N/P** [WB14]. **N14C** [TRE$^+$12].
NACP [HPW$^+$12]. **Nakdong** [BS18, JJKJ11, KHJ$^+$19]. **NANI** [HSM$^+$12].
NANI/NAPI [HSM$^+$12]. **NAPI** [HSM$^+$12]. **Naples** [ZW10].
Narragansett [BN10, BLCPB11]. **narrative** [AH17]. **Nassella** [JBB$^+$11].
natal [DCCS17]. **National**
[BFKS16, CBGK15, HSK17, KPT11, LDM15a, MNHW$^+$13, MAM$^+$10,
NGR$^+$11, SHM$^+$14, WALCY12, ZPZ$^+$15, OLG$^+$13, YWH15]. **nationwide**
[JVY19]. **native** [BGC10, CPS15, GQRC$^+$17, MAC$^+$12, PK16, PGZ$^+$19,
PTL14, TBA19, XCG$^+$16]. **Natural**
[FBDR17, Kat11, PPB$^+$18, An12, ALC12, ASP$^+$15, BWH13, BPC$^+$17,
BPU11, BPD$^+$19, CPMP13, CC11, CBP$^+$17, DYU$^+$12, DWP11, FHG12,
GHP12, HMP19a, HMS$^+$10, IBD$^+$19, Ken17, KSZW16, KCG18, LHZS10,
LCDJ$^+$12, MNEG11, PVM12, PVM13, Pen11, PBD$^+$17, Pra12, SFF$^+$11,
TLLX19, TDC$^+$11, TS11, VPB$^+$17, WALCY12, Wil11a].
natural-disturbance [HMS$^+$10]. **naturalized** [GV15]. **Nature**
[JJS10, LLL$^+$10, LKG$^+$17, LCS11, LYC$^+$15b, WALCY12, BvHR$^+$15, EMH10,
FLA19, LYC$^+$15a, LLL17, LP17, LLL19, Par10, Ula10, VLZ$^+$19, WGTH16,
WFS$^+$19, Pat14a]. **nature-based** [VLZ$^+$19]. **navigating** [PP19]. **NC**
[DLH$^+$14, JMB$^+$11]. **NDVI** [DBR12, WYS12]. **NDVI-based** [WYS12].
near [WLZC11]. **near-shore** [WLZC11]. **nearshore**
[BPC$^+$17, CBP$^+$17, YSH$^+$10, YKCN10]. **necessity** [NU11]. **nectar**
[BGK$^+$16]. **nectar/pollen** [BGK$^+$16]. **need**
[GHD$^+$19, GYL$^+$13, NLMdL10, SBM$^+$12, VMP$^+$19]. **needed**
[Bus17, ESP$^+$17]. **negative** [TTCC$^+$19, WKZ$^+$19, YZ18]. **neglected**
[RDV$^+$17, STJ15]. **neglecting** [NBSGW19]. **Negro** [IGR$^+$18].
neighborhood [GDBB19, HB14]. **neighborhoods** [Hal11]. **neighboring**
[FHG12]. **neighbourhood** [RAM10]. **neighbouring** [LLH$^+$13]. **nekton**
[LdMS$^+$16]. **nelsoni** [RR10]. **nematode** [RWvDM15]. **nematodes** [SU15].
Neolithic [ABGB15]. **Neoseiulus** [dOMZ13]. **Neotropical**
[BFNH14, GAV$^+$11, HCP10, RV15]. **Neotropics** [GdSHA10]. **NEP**
[MGS16]. **nest** [DWWS15, GKF$^+$14, JJKJ11, Rin14]. **nested**
[MCPB13, MCPB15, RDD$^+$18]. **nesting**
[DBP16, FMW$^+$19, HVL$^+$19, KK13]. **Net** [OLC$^+$17, Bai18, BLY11, Bus17,
CPMP13, CSS$^+$19, CLWH15, FCG$^+$19, HSM$^+$12, HNWT10, yHAB12,
HSD$^+$15, JMSM12, KHW$^+$17, LCL$^+$13, LLT$^+$14, Pie10b, Pie10a, RHvdTS14,
SNS$^+$12, SH18, SM14, SLZ$^+$17, WGA$^+$11, WGA$^+$12, XM13]. **Network**
[AD18, BFS11, BFW14, BME14, CBGK15, CR11, CR12b, JMdW$^+$10,
KCF18, LYC$^+$15b, OCB$^+$13, SSF14, SDS$^+$21, TLL$^+$17, ABB$^+$10, AAW$^+$15,

Ano12s, BA14a, BGC10, BT16, BS10a, BSMA18, BK13, CD17, CXW19,
DPPI14, DSD13, DSW⁺17, FSB13, FBH⁺14, FLB⁺15, GKF⁺14, GDDFT16,
GLC⁺15, HKL⁺11, HB14, JBCÑ11, JGX13, KB10, KM12a, KHJ⁺19,
LLL⁺10, LY11, LHL18, LWTZ18, Lin10, Lin16, LYCZ11, LYC⁺15a, MY11,
MCW13, MWY⁺18, Mar12, Mar17, MFS18, Mat13, MR17, MJC⁺11, MHC16,
MSFR15, NWAR11, NWAR12, OBC⁺21, PMS⁺17, Pat15, Pat14b, Pau14,
PICR13, RBM⁺17, RRR⁺10, RAR15, RRvdG18, RMLTCQ⁺19, SSV⁺12,
SM10, SFB⁺15, SYY⁺19, SSW⁺18, TRD⁺15, TLZ17, TWP⁺14, URR⁺17,
VC17a, VPB⁺12, WPG15, WZD⁺14, WPB14, WC13c, XZCL16, YJW15,
YM21, ZRCNLI⁺15, ZYFL10, ZZF15, ZLFZ16, ZZ17, ZLZ17b, ZMH19,
vSGR16, KCF17, LLKY18]. **Network-agent** [AD18].
network-environ-analysis [Ano12s, MCW13]. **Networks**
[CPE13, MDH15, Pec12, ASL13, AS14, BYR18, BFJ⁺11, BFR17, BS10b,
BNP10, FRP18, GHD⁺19, GO15a, GMK⁺19, HPJ15, JN14, JN15a, KSSA13,
KvOP10, mLcLJ15, mLcLJ16, LS13, LPX⁺12, LJCG15, MJLC14, NNP19,
NF11, OOFVBC16, PW10a, Pat12, PAEE19, PGATS13, PSWW11, RHW17,
SB11, SZNL19, SCBH18, VC17b, WWC⁺18, WLR⁺11, YZ16, YZ18,
YXZ⁺21, ZB15, dAEPE16, vSGR16]. **Neural** [CPE13, RRR⁺10, ASL13,
BT16, GO15a, GDDFT16, JBCÑ11, JGX13, KHJ⁺19, LPX⁺12, MFS18,
NNP19, PSWW11, SSW⁺18, TLZ17, WLR⁺11, WZD⁺14, ZZ17]. **Neuse**
[WPB14]. **Neusiedl** [HRSKW15]. **Neutral** [Con11, WYPF15, BRMW18,
Che15b, Che16, KWH14, LS18, VC17b, WR12, WRMB18, XZZ⁺13, Con12].
Nevada [FMF12]. **Nevados** [ZPZ⁺15]. **newly** [PTL14]. **newt** [MJK⁺17].
Newton [Kat11]. **Next** [GB16b, GB16d, JDT⁺16, SLW17, SJB⁺16].
Next-generation [GB16b, GB16d, SLW17]. **nexus**
[CL15a, FKWZ19, GLC⁺18, Ju19, LZL⁺18, NLM⁺19, XYTS19]. **Nguruman**
[LDM15b]. **Niche**
[CPE13, ACE⁺13, BBJV⁺11, IHSM12, BOGA14, BB18, CGV⁺15, CH12,
DBR12, DGKSM13, FP17, FHAG12, GWR11, GLSA⁺11, qHLlZ⁺16,
HGAT17, JSCS19, JSdSdL⁺18, KFWM19, LJ15a, LPT⁺18, MWK19,
MAFG⁺19, MMMCAHM21, OCD⁺13, PNT⁺19, PKW⁺10, RHS⁺15,
RHD⁺16, RVB⁺10, SBM⁺12, SA13, Sil11, SGM⁺14, TTL⁺18, HKVD16].
niche-based [KFWM19, MWK19]. **NicheLim** [HKVD16]. **niches** [MDB19].
Niger [AH17]. **night** [BFJZ⁺11]. **night-herons** [BFJZ⁺11]. **nighttime**
[WLC⁺19]. **nine** [OLC⁺17]. **nine-banded** [OLC⁺17]. **nitrate**
[BA14a, HGPF15, MCH15, VRL14, YDD⁺13]. **nitrification** [LNB17].
nitrite [BH17]. **Nitrogen** [Gra14, SCH⁺17, WEJ11, BKN14, BRKP16,
CS18, DZW⁺11, Fel12, GZS⁺18, GBG⁺15, mGZK⁺10, GGVB11, GHS⁺10,
GS10, GRD⁺14, GBR13b, HB14, Hoa11, HSM⁺12, HBA16a, HBA16b,
HAA⁺21, JWX18, KH11, KJMA11, KPS19, LYJ⁺15, LHB⁺18, LDC⁺16,
LBC⁺15, MRG13a, MTL⁺10, MKSL⁺17, MJC⁺11, NBK⁺11, NW18, PP16,
PMB⁺17, PBP⁺15, SKMB11, SYL⁺13, SEHD18, SSF14, TGM⁺21, TBA19,
TRE⁺12, VRL14, WPB14, YDD⁺13, ZTJ⁺10, ZLFZ16, ZLZ17c].
nitrogen-to-carbon [CS18]. **Nitrous** [HJS⁺16, GNB⁺14, LYJ⁺15].

nitzschia [GDDFT16]. **NME** [BPC⁺17]. **No** [PAB⁺13b, Bus17, LYJ⁺15].
Noctuidae [FGH⁺10]. **nocturnal** [BLFS18]. **node** [HB14, Pat15]. **NOE**
[GNB⁺14]. **Noise** [ZW12, LS13, NNST⁺14]. **Non**
[GdTCFG10, LJAD17, Ned15, VRL14, ACKS13, AK17, AL16, BLY11, BM16,
BGC10, BPK⁺16, CCCP17, CBC⁺16, CCC12, CPS15, DH18, GLSA⁺11,
JTB⁺19, KWH14, KCKdOW12, LPT⁺18, MH13, MPP⁺15, MHRB19,
PTL14, RWS⁺16, RSP⁺17, RHS⁺16, RDR⁺17, RE10, SJTS13, TLP17,
TGB⁺17, WC19, XCG⁺16, YDZ⁺21, ZH11, ZYKS15, dS18]. **non-adaptive**
[LPT⁺18]. **non-additivity** [WC19]. **non-autonomous** [SJTS13].
non-buoyant [BM16]. **non-cooperative** [TLP17]. **non-domesticated**
[GLSA⁺11]. **Non-equilibrium** [LJAD17]. **non-focal** [BPK⁺16].
non-hierarchical [RE10]. **non-influential** [CCC12]. **non-invasive**
[MPP⁺15]. **non-isolated** [dS18]. **non-Kolmogorovian** [ACKS13].
non-limiting [AL16, TGB⁺17]. **Non-linear**
[GdTCFG10, VRL14, AK17, CCCP17, DH18]. **non-monotonicity** [ZYKS15].
non-native [BGC10, CPS15, PTL14, XCG⁺16]. **non-neutral** [KWH14].
non-point [YDZ⁺21, ZH11]. **non-scientist** [CBC⁺16]. **non-spatial**
[RWS⁺16]. **non-stationary** [RHS⁺16, RDR⁺17]. **non-stratified** [JTB⁺19].
non-symmetric [dS18]. **non-target** [MHRB19, RSP⁺17]. **non-timber**
[KCKdOW12]. **Non-traditional** [Ned15]. **non-uniform** [MH13].
nonexistent [Ula14]. **Nonlinear**
[YYL13, EGA12, Fis21, Mon13, PBT⁺11, PBD19, TŠAD12]. **nonparametric**
[SML12]. **nonpoint** [GPD⁺13, NKSA13, SRXP14]. **nonrandom** [LLL19].
norms [CLA⁺12]. **North** [BH13a, CW11, CR12b, GSJ⁺10, GCL⁺19,
LAB⁺10, MSCH14a, PVM13, SW19, TTL⁺18, ZLLZ13, MMGK15, QCLW18,
RR10, SHM⁺17, ZDG⁺13, BH13b, BB18, CAL13, CWA⁺15, CR11,
DUASLB⁺12, DYU⁺12, DSW⁺17, GCvDM12, GCM⁺13, HKlL14, HBA16b,
HPW⁺12, JBB⁺11, LN11, LN16, LAR⁺16, LAD11, LCY⁺13, MML⁺11,
MRD⁺12, MSCH14b, PVM12, PGZ⁺19, QDH⁺10, RMHE15, SELB10,
SBC⁺11, SDY⁺15, SGH16, SKM⁺16, TCW11, Tho10a, WYHC15, YLY⁺18].
Northeast [FLH17, GC11, MSM⁺16, NGL13, SLZ⁺18, TZS⁺14].
northeastern [DLL18, PGV10, Gli14, JSB⁺14, SCG⁺16]. **Northern**
[FRM⁺19, KCF18, MWML13b, NGGFM19, XWW⁺11, XQZ⁺13, ATCJ⁺19,
BHD16, BLLJ17, BCO17, CL15b, CQS15, CR11, CR12b, FGH⁺10, HKM⁺18,
JR16, JA15b, KHW⁺16, KGYG15, LLC⁺17, LMGW16, MRD⁺12,
MWML13a, MP17, MMVAHMC16, PDAL14, ROSC15, SLW17, TDF⁺19,
VAK⁺11, WGL⁺12, WLH⁺10, ZKSF17, dMSL⁺16, CL12b, GYL⁺15, HT16,
KBS⁺15, KCF17, LDP14, MPKC12, MTPC13, MM19, RBGB16, WMW⁺12].
Northwest [JJYM19, WZG15, CW11, GQNMR18, PGGMMA19, SBF15,
WHRR15, ZLW⁺15]. **northwestern** [GdTCFG10]. **norvegica** [JR16].
Norway [CAMNN16, mGZK⁺10, HOKH18, OJ10, TNA⁺17]. **Norwegian**
[BSH17, SDKE18]. **nose** [CESC19, RTE⁺15]. **Note**
[Ano19-49, PdM11, Ano10-27, Ano12-38, Pér18]. **Notes** [Fat10, PF18].
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KHW$^+$16, LMT13, RSCS19, WR13a, WLR$^+$11, dBGS$^+$14]. **November**
[Ano10t, Ano10u, Ano12-37, Ano13x, Ano14i, Ano14l, Ano15g, Ano16l,
Ano16k, Ano17-32, Ano17v, Ano18-31, Ano18-28, Ano19b, Ano19f, Ano21c].
NPP [SLSS15]. **NPZ** [TBM$^+$14]. **NPZD** [HS13c, HS13b, PMTKC17]. **NSF**
[Bec10]. **nucifera** [MdMS$^+$19]. **Nuclear** [GSF$^+$16]. **nuisance** [IN16]. **Null**
[MSV$^+$11, FM11, GU11, UG12]. **number** [CWL$^+$16, GCW$^+$16, Ken19,
Log16, NMS10, OLC$^+$17, PDG$^+$14, SM12, WGSR19]. **Numerical**
[BKN14, DFL$^+$16, IKK$^+$12, LZW$^+$17, yLWhMhG11, PLS$^+$10, TLW$^+$14,
FS14a, FRM$^+$19, GJÁ$^+$10, GL10, GS19a, GC14, GBR13b, LZYH19, MH13,
PES19, SFMA15, Sin17, XSN$^+$18, ZLFI11, ZYZ17]. **nursery**
[BJK$^+$16, FB13, FPG11, FPWG14, OAPP12, SGBG19]. **nursery-pollinator**
[SGBG19]. **nutcrackers** [MSM$^+$17]. **Nutrient** [JD10, WFM16, AD12, AL16,
BGPJ10, CGM$^+$14, HKVR13, HSM$^+$12, HOŠ$^+$12, KWS$^+$13, KW18, Kei12,
KZR$^+$13, LCY$^+$13, LLZ$^+$15, LWC$^+$18, LW14, LLFL12, LVV$^+$15, MMM$^+$16,
Mul11, NPH$^+$17, PFA$^+$16, RPSA12, REB$^+$16, RP11, SQWS19, TBM$^+$14,
WMK$^+$13, XYY$^+$16, ZLFI11, ZWW$^+$18, ZML$^+$12]. **nutrient-cycling**
[CGM$^+$14]. **nutrient-runoff** [KW18]. **nutrients** [DBVS19, DMZ$^+$19, ER10,
FS14a, LLZ$^+$15, LQW$^+$19, Lin15b, MR17, Pea15, YZG16]. **nutrients-algae**
[YZG16]. **nutrients-phytoplankton** [LQW$^+$19]. **nutrition**
[GBP$^+$16, YZA$^+$18]. **nutritional** [AHS14, WSE10]. **NW**
[MJB$^+$11a, BDV$^+$19, CSS$^+$16, DBVS19, FAC$^+$19b, GDDFT16, PPB$^+$18].
Nyctaginaceae [RXSK14].

O [HMS$^+$11, KMM$^+$13, LKLK15, LYJ$^+$15, LSM19]. **O157** [SFvB10]. **oak**
[ABC$^+$17, KSS11, LL18a]. **oak-hickory** [LL18a]. **oasis** [SYY$^+$19]. **OBEC**
[RDD$^+$18]. **OBIS** [CMV$^+$16]. **Object**
[wTA12, BFR17, KK13, SH18, ZPNM13]. **object-based** [ZPNM13].
Object-oriented [wTA12, BFR17, KK13]. **objective**
[CRB16, CN11, DSA$^+$18, EBA$^+$19, GOSH$^+$12, HPO$^+$15, NNP19, Tat16a,
TA11, Wil12, WK17, WKH19, Yan11, ZZJ$^+$16]. **obligate** [CN18].
observation [AGJ$^+$12, LH15, PP10, ZKSF17]. **observational**
[CGG$^+$18, HJ10b]. **Observations**
[UKI$^+$11, CBA16, LS18, MPT$^+$11, PSB$^+$17, SHS11, WBC$^+$12, WP14].
Observatory [SEHD18]. **observed** [GLT10, TL10]. **observer** [WB10].
obstacles [RRBI14]. **obstruct** [VVA$^+$15]. **obtained** [VHM$^+$17]. **obtusa**
[Oga11]. **occasion** [GB16b]. **occupancy** [Hui11, LCMG18]. **occupation**
[YMCV21]. **occur** [HKM$^+$18]. **Occurrence**
[dSGGBW12, ADF$^+$17, CPR10, CWJ$^+$13, DYMYGO19a, DYMYGO19b,
DSW$^+$17, FM10, FM11, JDZC14, JSCS19, MMGK15, YAGMM$^+$14].
occurrences [BGA17, SAKB$^+$10]. **occurring** [OGOWW16]. **ocean**
[ABR12b, ABR12c, BSH17, DVD$^+$14, FLH17, HKM$^+$18, KTK$^+$15, PGV10,
PPDF14, RWP11, THC18, BSH$^+$10, DFM12a, DFM12b, FE14b, GQNMR18,
GC11, HKlL14, PMTKC17, RMTM$^+$16, WFA10, WHRR15, WCG$^+$11].
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[Ano10r, Ano10s, Ano11-33, Ano12-32, Ano13-27, Ano13z, Ano14g, Ano15p, Ano15h, Ano16n, Ano16j, Ano17-31, Ano17t, Ano18-30, Ano18z, Ano19c, Ano19g, Ano21c, LMY⁺11, LYP⁺11, LPA⁺11]. **ODD** [GBD⁺10]. **Odocoileus** [WTG⁺16]. **Odontesthes** [BCC⁺14]. **Odum** [GDC⁺19, JZCL14, LTL15, Ten15b, Til14]. **OECD** [Hoa11]. **off** [BLFS18, BBL11a, CRQW18, DZW⁺11, DP19, GJB⁺11, NCK10, RHD⁺13, ZFZ⁺14]. **off-shore** [BLFS18]. **offs** [BLD10b, GK14, HV15, LARZN13, LCPB⁺10, MWML13b, SDT10, dMLM⁺17]. **offset** [WKZ⁺19]. **offsets** [Bus17, TBJ⁺15]. **offshore** [DMB⁺18, RPC⁺17, SS11]. **Ohio** [MR17]. **oil** [BPU11, GPA⁺13, KWGG19, MH11]. **Oilseed** [GDT⁺14]. **Ojo** [RIMPBT19]. **Okavango** [LMCA⁺12]. **Okeechobee** [Jam16]. **old** [AMR16, BR16]. **old-growth** [AMR16]. **oleae** [GCTS15]. **Oléron** [PLR⁺13]. **oligohaline** [CN10a]. **oligotrophic** [CT11, HPRNP12, HMA10b, JA15b, SPM⁺18, VJR⁺16]. **olive** [GCTS15, MCBM12]. **OLS** [WLC⁺19]. **ombrotrophic** [WRM⁺11]. **Oncorhynchus** [KGM12, MSB⁺17]. **one** [BKB10, FRM⁺19, HQF⁺17, KCKdOW12, MPF⁺14, OOFVBC16, PDAL14, PBK14, SP10, WPG15, WB14]. **one-** [HQF⁺17]. **one-dimensional** [BKB10, FRM⁺19, PDAL14, PBK14, WPG15]. **Oneida** [HSR⁺15]. **ones** [NYH15, ZJB19]. **ongoing** [CVM⁺18]. **Only** [EPM⁺14, FN15, GdSHA10, YHW⁺12]. **onset** [KKL⁺12]. **Ontario** [KZR⁺13, ZKR⁺13, SP10, SS11]. **Ontic** [NU11]. **ontogenetic** [SMS⁺13, SIS⁺14, SFR⁺17]. **ontogeny** [TCSG15]. **Open** [GLS10a, BAP18, BK13, CBB19, DLH⁺14, LST15, MSGG14, MH13, MLMFN⁺15, SRP18, SFL⁺19]. **Open-** [GLS10a]. **open-source** [MLMFN⁺15]. **Opening** [THO10b]. **openness** [NU11]. **operating** [YY13]. **operation** [CCL⁺13, DFW⁺18, WhFxGZ16, YY11]. **operational** [IGR⁺18]. **operationalisation** [CGL15]. **Operationalizing** [KK15a]. **operations** [BWRA16, TSN15]. **operators** [BO14]. **opimus** [RMP⁺18]. **opinion** [Ano17a, Cha12, TB11, TB12a]. **opportunist** [DNFG18, MLK17]. **opportunistic** [CGAB17]. **Optical** [GANB11]. **Optimal** [BBRJ15, BJJ12, BMP⁺19, CMD12, dSCdA19, CRVS13, DML15, KOBK13, NSN17, PR13, TKP14, BFPR16, BM10, CHTC11, ETG⁺18, GS19a, HFMM⁺12, LDB14, MAFG⁺19, MOMC17, PP10, PRP17, RKL⁺15, SRXP14, SA13, War10, ZFZ⁺14, vDHH⁺14]. **Optimality** [CS18]. **Optimality-based** [CS18]. **optimally** [RP10]. **optimisation** [CN11, EBA⁺19]. **optimising** [RSDP⁺12]. **Optimization** [HCL⁺14, JBCÑ11, MCWG21, AK17, BHD16, BSC⁺15a, CZR⁺14, DAW⁺10, FDM⁺11, GOSH⁺12, HCK18, LOLA13, LHR⁺15, NNP19, OFH⁺19, PHP⁺14, TŠAD12, Tat16a, TLZ17, TA11, VQS⁺18, WSW⁺13, WK17, WKH19, Yan11, YYQ11, YZL12, YTT⁺11, ZZJ⁺16, ZF11]. **optimize** [GCIB10, LBM16]. **optimized** [CGY11, GDW12, MEC14, dWcWbZ15]. **Optimizing** [HBR19, MdMS⁺19, XLR11, YRGH16, AD16, HG17, NMS10]. **Options** [LSM19, AHM⁺16b, ABC⁺17, FSM⁺19a, FtHvdB⁺14, For11, GH13,

overwhelm [PW10b]. **overwintering** [BKN21, HVCP16]. **overyielding**
[FDHL17]. **owing** [GAG⁺12]. **owl** [dÁGP14, EGMW12]. **owls** [TPG14].
oxbow [AdMC⁺13]. **oxic** [GS10]. **oxidation** [VRC17]. **Oxide**
[HJS⁺16, GNB⁺14, LYJ⁺15]. **Oxygen**
[SPM⁺18, TM14, ASL13, BA14a, BMR⁺18, CGdCCPCPM14, GS10, MH13,
MGW⁺13, NFU19, OdlFDP15, RRR⁺10, VMSM10]. **Oxythermal** [JFS⁺12].
oyster [BGD⁺15, EH15, EH19, KTGH19, KPLS15, LLC⁺17, WCL⁺17].
oystercatchers [SGA⁺16]. **Ozarks** [SHX⁺12].

P [Och10, Wei19, AR11, JS12, LWGH13, WB14]. **Pacific**
[GC11, HKlL14, PVM13, CF17, FE14b, FAC⁺19a, HlLB12, KSAS12, MGCL17,
OCB⁺13, OBC⁺21, PVM12, PME⁺16, ROSC15, SBF15, WFA10, ZLD⁺19].
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[CEWW18, IBD$^+$19, ACSR$^+$13, BHC$^+$15, TVF$^+$10]. **participatory**
[EBA$^+$19, KHHN17]. **Particle** [CC14, BBGJ13, BPK$^+$16, LOLA13].
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[CWM12]. **partridge** [THOA10]. **parts** [GS10]. **parvum** [GRB12]. **pass**
[FBA$^+$11]. **Passage** [BLH10, ZVS18]. **Passeriformes** [LIM$^+$16]. **Past**
[ENC$^+$15, BUB$^+$12, CS17, GAP$^+$19, HPC13a]. **Past-century** [ENC$^+$15].
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[DYU$^+$12, PKT15]. **Patagonia** [GLT10, GdTCFG10, MTPC13, MMGK15].
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CGdCCPCPM14, GGSP14, GPCG15, HS13a, HSM$^+$12, Hui11, JX15,
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GM10, GGZ$^+$16, GLT10, GMS11, GBR$^+$13a, GLS10b, GKKW10, HCM$^+$18,
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PBEL17, PvVC15, PB14, RHO11, Rin14, RCBPMN10, RR10, SSM$^+$13,
UR10, VH12, WCL$^+$17, War10, WHNR19, XTLM15, YYL13, YSA$^+$14].
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[BPR$^+$15, WSS$^+$16, ACE$^+$17, CWM12, WCS$^+$14, WSW$^+$16]. **penguins**
[PLS$^+$16]. **Peninsula**

[KBS⁺15, MR17, SVL12, HCS⁺10]. **planet** [FvBM⁺11]. **planipennis**
[KKR19]. **planktivorous** [CW17]. **plankton** [BCB⁺11, Ban11, BM16,
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CDM13, CGM⁺14, DJH10, DPV⁺16, DJA⁺10, EGA12, FAG10, FDP⁺10,
FKH⁺15, FTYI13, GWR11, GQRC⁺17, GGV13, GANB11, GVC10,
GCW⁺16, dSGGBW12, GLRT16, GWF⁺18, qHLlZ⁺16, HLL⁺19, HW12,
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LCY⁺13, LLQN13, LLH⁺13, LPD14, LJCG15, LB18a, MDW⁺12, MSG⁺13,
MBW14, MLMFN⁺15, MTL⁺10, MSV12, MK14, MGSB11, MBA⁺19,
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plant-mediated [CWJ⁺13]. **plant-soil** [Agu11]. **plantation**
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[FSN⁺15, MSO10]. **Pleistocene** [Flo14, GLS10b]. **plexippus** [GPZB18].
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[KRE⁺18]. **PMA'12** [FKDG14, Ano14-40]. **PnET** [dBGS⁺14]. **poaching**
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[UFK⁺10, BAA⁺14, CGY11, Fat12, HCS⁺10, Ju19, KG13, KUI⁺18, LDL12,

population [WCS⁺14, WRSL11, WFDDR10, WAGM17, WPZ⁺14, XCR⁺13,
YZ16, YSB11, ZJL⁺16, ZBSF17, ZKSF17, ZSSR18, dAdSC15].
population-driven [TSM⁺15]. **Population-level**
[MAP⁺13, FtHvdB⁺14, GHWG⁺14, LBW18]. **populations**
[AAME11, ACE⁺17, AHS⁺17, ARV⁺16, BDL⁺13, BAAB18, BBRJ15,
dÁGP14, BRS⁺18, BSHG16, CCCP17, CVS⁺13, CDK⁺17, CDL⁺11,
CMGF14, CD15, DCCS17, DPPI14, Dil10, DFK⁺11, GHD⁺19, GCTS15,
JX15, Joh10, JHT⁺14, KCAP17, KCG18, KEHG17, LG10, LSGT13,
LTGD16, MHRB19, Mon13, MPGCS14, MNHW⁺13, MFI13, NdA16, NS15,
NYF16, NTK14, OOH⁺12, PL10a, PF12, POS⁺19, PDV17, PP12, Rai13,
Rem11, SBCB13, SBA⁺19, SBDS13, SMT19a, SMT19b, SSQ⁺10, SED15,
Sto10, SNZ⁺19, THOA10, TT17b, VSC18, VP12, WGL⁺12, WNF⁺15,
WR13b, WSW⁺16, WSBP13, ZZA⁺18, ZW11, ZYKS15]. **Populus**
[ARM⁺12]. **porpoise** [FYR⁺18, MCL⁺17, NNST⁺14]. **port** [GSJ⁺10].
Portugal [BRV11, BPGSS⁺18, DVD⁺14]. **Portuguese** [DPBS10, TDC⁺11].
position [AB10]. **positions** [JBCÑ11]. **positive** [FGPR10, MCA18, YZ18].
Possible [PMP⁺13, CAMNN16, CRTS15, SKK⁺13]. **Post**
[VB10, AFC12, CADB19, LM19, SVH⁺19, SGG14, YWA⁺17]. **Post-fire**
[VB10, CADB19, LM19, SVH⁺19, SGG14]. **post-harvest** [YWA⁺17].
post-hoc [AFC12]. **poster** [LPA⁺11]. **Potamogeton** [HH12]. **potato**
[KYvdPS14, PHvB⁺18]. **Potential** [GV15, KPK⁺17, LCS11, RRBI14,
RHR⁺15c, AVL⁺11, AMRH19, ADL⁺10, BSH17, CVPR⁺16, CNH⁺11,
COK⁺11, CPAG15, DPBK10, DFK⁺11, DSBS15, ENC⁺15, FRV⁺16,
FKK⁺18, GA15, HRSKW15, HHC⁺13, IKL13, JDT⁺17, KBS⁺15, KWGG19,
LN11, LBE⁺17, LJ10, LPS⁺10, LW17, MU17, MSB⁺17, MPGCS14, MCP16,
OQH⁺13, Qia12, RRHH10, RTE⁺15, SJS⁺13, SGP18, SGDP19, SGKR10,
VZF⁺11, WC19, WSW⁺13, WLY⁺15, WXB10, Wol11, XTLM15, YKvWK16].
potentially [LB15]. **Potentials** [FT10]. **Potomac** [CTNH13]. **power**
[GSF⁺16, GCW⁺16, dSGGBW12, KPS17, Lee14, RDD⁺17, Sci11b, SSR16,
SSQ⁺10, SGHW⁺17, Til15]. **Poyang** [DZW⁺11, YDL⁺15]. **pp**
[Jör11a, Jør14a, Jør14b]. **practical** [AVG14, Mar17]. **practice**
[HCL⁺16, KB11, Log13b, VBS14]. **practices** [CSH11, DMBS11, LVLS14,
LLT⁺17, MBLC14, OWMK10, PAT17, RSD⁺15, VSB13]. **prairie**
[TSB⁺18, XLL15, ZWJ⁺17]. **Prairies** [LLT⁺17]. **prawn**
[CLW⁺19, KSZW16]. **Prays** [GCTS15]. **pre**
[FMG⁺16, Lin10, Lin16, WPZ⁺11]. **pre-alpine** [FMG⁺16]. **pre-balance**
[Lin10, Lin16]. **pre-commercial** [WPZ⁺11]. **PREBAL** [Lin16, Lin10].
precipitation
[BTS19, DS21, GLRT16, GWF⁺18, HBG⁺16, HC11, XLL15, YSA⁺14].
precision [KCP⁺15, PC17, XLR11]. **Predation**
[LAK⁺21, BLD10b, BBL11a, BEBA19, CB15, DWWS15, DdSCG11, MW15,
MLK17, MYJ⁺14, SW15, URJ10, VWTA16, ZFG13]. **Predator**
[Rin14, RCP17, AAA13, BKV17, BTB17, BEBA19, BWML15, CL12a,
CTC⁺18, CCG15, dSCdA18, DHHB15, F.11, FR11, FSM⁺19a, Flo14, GK14,

GORJ12, Jen12, JSW$^+$13, KG13, LDM15a, MLW11, MW12, PME$^+$16,
RHO11, SGSR10, Ver10, VWTA16, WN17, WCF$^+$16, WZWL10, WM14,
WSSM15, ZFG13, dOMZ13, dSdCF10]. **predators**
[BV15, FE14b, GMTC$^+$17, KNU$^+$15, NdA16, NGL13]. **predatory** [BPB14].
predict [AGQP$^+$14, ASL13, CTP$^+$17, DAF$^+$11, FLB$^+$15, GBP$^+$10, LAD11,
MPR13, MRM$^+$17, MMMGLN$^+$18, PB14, QL15, RRJVA13, RV13, SZSV12b,
SW15, TKW17, TWL11, VZF$^+$11, WZD$^+$14, YHW$^+$12, dSD14].
predictability [Ban11, Bev15, NBK$^+$11, ZH13]. **predicted**
[BTS19, BP16, HLLO13a, HLLO13b, JGB15, MMVAHMC16, WSBP13].
Predicting [BFNH14, BBGJ13, BBL11a, BNC$^+$18, BGPJ10, COPP13,
CPS$^+$19, CSFR15, CDG15, CWM12, FTK$^+$14, FSV$^+$12, FBKS17, GCDA16,
GSF$^+$16, GPZB18, HCW$^+$17, KP13, KHKC$^+$18, KJH$^+$13, LS10, LLKY18,
LB18a, MSKS13, MJK$^+$17, MRC19, OHS$^+$17, Phi11, RJG$^+$13, RKS$^+$10,
SLLW15, Vet12, WCL$^+$17, WBHM11, YAGMM$^+$14, ZZT13, vdVJS16,
AWSS14, Ant14, AJDS16, BTB17, BCL$^+$14, BTPG10, CWMC$^+$12, CPAG15,
For18a, GKF$^+$14, GC14, GEB10, HJWG12, HFMM$^+$12, Kos17, Mon13,
NW18, PMS11, SGRAdJ17, TLZ17, YDD$^+$13, ZXD$^+$13, ZSG$^+$18].
Prediction [GDC11, JDP$^+$12, KC18, WX11, YKL$^+$12, AKvO$^+$10, CC14,
FIG$^+$10, JTM$^+$17, KLS17, LAB$^+$10, Log19a, MRWN19, MRC19, SCB13,
SZSV13, SELB10, VALC12, VAK$^+$11, YSA$^+$14, YKvWK16]. **Predictions**
[GCM$^+$13, KASS12, WCF$^+$16, BR16, CS17, CBA16, DDR$^+$18, FCFT16,
For18b, GCA16, GLR$^+$19, GB16d, LHW$^+$15, MSF18, MSR$^+$14, RLB$^+$12,
RR12, RMHE15, SPWR17, SWGC16, WC19, YHJ$^+$17]. **predictive**
[Ano17a, AFC12, BDL$^+$14, BS15, BLB$^+$17, BG11, CRO13, DSK$^+$11, GGV13,
HD14, KRL11, KK12a, LKDD15, RKNO17, SC21, SPB$^+$17, TFMP11,
dÁSMRT$^+$19, vVHZHvD13]. **predictor** [HJN12, MRWN19]. **predictors**
[DKJH13, MGGLBIBD13, PLHG14, SGA$^+$16]. **predicts** [BHD17]. **Preface**
[BPRT13, BNP10, Jør10a]. **prefecture** [YHZ19]. **prefecture-level** [YHZ19].
preference [FSN$^+$15, MCL$^+$17, SZV14]. **preferences**
[MHMRAHHS19, RW10]. **preferential** [MSV$^+$11]. **preferred** [GH13].
prehispanic [KBC$^+$12]. **Prelim** [Ano14v, Ano14w, Ano14x, Ano14y,
Ano14z, Ano14-27, Ano14-28, Ano14-29, Ano14-30, Ano14-31, Ano14-32,
Ano14-33, Ano14-34, Ano14-35, Ano14-36, Ano14-37, Ano14-38, Ano14-39,
Ano15r, Ano15s, Ano15t, Ano15u, Ano15v, Ano15w, Ano15x, Ano15y,
Ano15z, Ano15-27, Ano15-28, Ano15-29, Ano15-30, Ano15-31, Ano15-32,
Ano15-33, Ano15-34, Ano16v, Ano16w, Ano16x, Ano16y, Ano16z, Ano16-27,
Ano16-28, Ano16-29, Ano16-30, Ano16-31, Ano16-32, Ano16-33, Ano16-34,
Ano16-35, Ano16-36, Ano16-37, Ano16-38, Ano16-39, Ano16-40, Ano16-41,
Ano16-42, Ano16-43, Ano17-41, Ano17-42, Ano17-43, Ano17-44, Ano17-45,
Ano17-46, Ano17-47, Ano17-48, Ano17-49, Ano17-50, Ano17-51].
Preliminary [Ano21d, Hal11, RMTM$^+$16]. **prerequisite** [CZR$^+$14].
prescribed [CPD$^+$11, TXM$^+$10, XTPT11]. **presence**
[AGJ$^+$12, CGB$^+$13, FN15, FJH15, GKF$^+$14, GdSHA10, HMD$^+$16, HTB13,
HTB17, LWY$^+$11, LB15, MMPG16, PKT15, PÓF$^+$18, UG12].

[CBA10, GSA$^+$19]. **Proposed** [RSD$^+$15, ROSC15, Sil11, TT17a]. **protected**
[ASP$^+$15, BJJ12, BAT$^+$15, CGEdM12, dSCdA19, FJH15, FBDR17, GAP$^+$19,
HA18, HCE$^+$19, PPB$^+$18, Pra12, ROSC15, VPB$^+$17]. **protection**
[BPM$^+$17, CRVS13, NXZ18, RSCS19, WSE10]. **protein** [KAJØ19, KH15].
proteins [SWS16]. **protocol** [GBD$^+$10]. **provide** [BPWB14, SBM$^+$11].
providers [BS10a]. **provides** [GA15, SBVA$^+$13]. **Providing**
[AMM$^+$14, HHUD14]. **Province**
[GZS$^+$18, MJP$^+$12, YLW$^+$11, ZLZS14, ZXD$^+$13, LHL18, SC21, ZZLZ14].
provision [WYHC15, WLY$^+$15]. **provisioning** [CWM12]. **proxies**
[VMSM10]. **proximate** [EAJG16]. **proxy** [FML$^+$17, RHR$^+$15b, RDR$^+$17].
pruning [GHS$^+$10]. **Prymnesium** [GRB12]. **psammophytic** [HYL$^+$17].
pseudo [IBH$^+$15, LPT$^+$18, SHS11, GDDFT16]. **pseudo-absence**
[IBH$^+$15, LPT$^+$18, SHS11]. **Pseudo-nitzschia** [GDDFT16]. **pseudoacacia**
[BRKP16]. **Pseudococcidae** [FTK$^+$14]. **ptarmigan** [ZPNM13]. **public**
[SM11]. **publicly** [HRWT12]. **published** [Bec10, Jör11a]. **Publisher**
[Ano10-27, Ano12-38, Ano19-49]. **Publishing** [Wei19]. **Pueblo** [KBC$^+$12].
Puerto [HSVL12]. **PUFA** [SAAD16]. **pulex** [KMS$^+$12, KMS$^+$13]. **pulse**
[CSN$^+$19, CGGL16, Jag14, Ji15, LMCA$^+$12]. **pulsed** [CZW10]. **pulses**
[Lee14]. **Puma** [CGV$^+$15]. **pump** [CQS15]. **purification** [HZT$^+$13].
purpose [KK15a, ROG$^+$16]. **purse** [JBCN11, MROGVR12]. **purse-seine**
[MROGVR12]. **Pursuing** [ZH13]. **put** [KB11]. **Putting** [Ula14]. **puzzle**
[SFM$^+$18]. **pyramids** [RDR$^+$17]. **pyrenaica** [AR11]. **pyrenaicus** [BRV11].
Pyrenean [ACM15]. **Pyrenees** [LBC$^+$15, LBdA$^+$19]. **pyrophite**
[UDNSLC$^+$18].

Qinghai [CBO16, SLZ$^+$17]. **Qinghai-Tibet** [SLZ$^+$17]. **Qinling**
[FLX$^+$14, GFW$^+$17, LGDW12]. **Qom** [SC21]. **quadrat** [San11]. **QUAL**
[ZSJ15]. **Qualitative** [ADJ$^+$17, BJPB11, GV15, WMCM12, MDJ$^+$11, Pat15].
Quality [Jam16, BA14a, BJJ12, BT16, hCjHMW18, CMEP15, DC10,
DPvBvA11, ER13, FLB$^+$15, GMP13, GCL$^+$19, HHL17, HGBA$^+$13, JLZ$^+$18,
KSS11, KMRW16, KPM$^+$14, KLS17, LHL$^+$17, LLQ$^+$15, LPV11, MTZ$^+$10,
MA10, MP13, MH10, MSHC13, MCP16, PAT17, PANL11, RLB$^+$12, RAF17,
RZF$^+$13, RCCN11, SFMA15, SAKB$^+$10, TSB$^+$18, UB12, WMW$^+$12,
YZPL16, ZWRK13, ZSJ15, ZLJM17b, ZLJM17a]. **quandaries** [Mar17].
Quantification [DMB$^+$19, KSZW16]. **quantified** [BPK$^+$12]. **quantify**
[BYR18, KNPH$^+$17, VSF10]. **Quantifying** [BRB14, CGS$^+$17, CTMS10,
CBA12, CBA16, DMH17, EST$^+$19, For18a, HHUD14, HM12, LY11, LBW18,
LMGM11, MMK15, Pat15, SBA$^+$19, VQS$^+$18, ZSKI17, CBA10, LBH$^+$15].
Quantitative [BP17, CLWH15, For18b, MSM$^+$16, HM17, LC13, MBBA17,
Pen11, VR12, YZLX14]. **quantities** [GCV14]. **quantity**
[CRBC11, KMRW16]. **Quantum** [ABC$^+$14, RHR$^+$15a, RHR$^+$15c]. **Quebec**
[LMY$^+$11, LYP$^+$11, LPA$^+$11, WLH$^+$10, ARM$^+$12]. **queen** [AOW12].
Queensland [CRO13, HPO$^+$15]. **quelen** [dABLBAdOR17]. **queried**
[BPR$^+$15]. **question** [KWGW19]. **question-driven** [KWGW19]. **Quinte**

[KZR$^+$13, ZKR$^+$13]. **quota** [PBP$^+$15, vDHH$^+$13, vDHH$^+$14].

R [Kat11, CF14, KB11]. **R-INLA** [CF14]. **Råcksta** [WFM16]. **radial**
[AK17]. **radiation** [AML13, ENM11, JMSM12, KBS$^+$15, LCS11, MRCW10,
Pie10b, Pie10a, SMC11, ZML$^+$12]. **radiative**
[Bai18, BBDB13, GGR$^+$13, Pie10b, Pie10a]. **radioecology** [Mon13].
radiogenic [SBDA16]. **radish** [GDT$^+$14]. **rain** [LCZ11]. **Rainbow**
[KGM12]. **Rainfall** [ADPS10, AKLB19, BVVS15, BMD18, CMGF14,
FKSK$^+$10, KK12b, LDP14, Tie16, VSC18]. **rainfed** [TDC$^+$11]. **rainforest**
[LYL$^+$17, PTE$^+$12, SLZ$^+$13, PMF$^+$13]. **rainforests** [KK12b, PMS11].
RaMDry [FS18]. **Ramsar** [MGMR15]. **ranavirus** [POS$^+$19]. **ranch**
[PAT17]. **Random** [DG11, FMF12, TTL$^+$18, VZF$^+$11, CCS13, CH12,
GGSP14, LJ13, MYHN17, PvVC15, PPBD13, SVH$^+$19, Kos17]. **range**
[AVL$^+$11, BSC$^+$15a, BM11, BRL12, BSHG16, DHL$^+$12, DHS$^+$16, GM10,
GPZB18, KPTC14, MPP$^+$15, MRM$^+$17, NA11, RHO11, RRJVA13, SHT$^+$21,
WFA$^+$13, WSC$^+$19, XCG$^+$16]. **range-wide** [DHS$^+$16]. **rangeland**
[AHF$^+$13, EMH10, FS18, KF16, OES16]. **rangelands**
[PLL$^+$19, SC21, vLTdBP16]. **ranges**
[BGD$^+$16, OCD$^+$13, Str15a, Str15b, VCE17]. **ranging** [MvDL$^+$10]. **rank**
[LKDD15]. **Ranking** [BS10a, AKvO$^+$10, RP10]. **ranks** [RPPW16]. **rape**
[GDT$^+$14]. **rapid** [GGZ$^+$16, LSZC10, LLQ$^+$15, SLSS15]. **rapidly**
[POS$^+$19, SDY$^+$15, WZG15]. **Raptor** [BFP$^+$18, DDBK15]. **rare**
[DDBK15, HPJ15, LCCL15, LJ15c, PH18]. **rarity** [ACE$^+$13]. **RAS**
[HD14, HD16, WZGH18]. **rate** [ACKS13, BP15, CCS13, CMSR19, Dil10,
EH15, EH19, FE14a, HMPC11, Hos11, LKP13, MCR$^+$15, NYF16, PR13,
SLB$^+$18, Sim11, VSF10, Vet12, WCL$^+$17, dAdSC15]. **rates**
[CEC10, DTS$^+$12, DCCS17, DSS11, DMH17, GVGZ$^+$21, GDC11, OBSL15,
PRL$^+$13, SG11a, TWH$^+$14, WC19, dSJHG10]. **rather** [GHST19, TCGC16].
Ratio [Jen12, LDB14, CMD12, FML$^+$17, GBP$^+$10, HTL$^+$14, MEC14,
RAdA12, SK10, TVI$^+$13, TMC$^+$16, WB14]. **Ratio-dependent** [LDB14].
ratios [CS18, JS12, LWGH13, SBDA16, WWYO18]. **ratsnake** [DWWS15].
Raugei [UB12]. **ray** [Bai18]. **ray-tracing** [Bai18]. **rays** [DOB$^+$15]. **Re**
[Ula10, WTWS19, AWL$^+$13, CVPH$^+$14, ELPK12, KNPH$^+$17, MJB$^+$11b,
HPC13a]. **re-assembly** [AWL$^+$13]. **Re-creating** [HPC13a]. **re-encounter**
[KNPH$^+$17]. **re-establishment** [CVPH$^+$14]. **Re-evaluating** [WTWS19].
re-loaded [ELPK12]. **re-organization** [MJB$^+$11b]. **reach**
[JX17, JJYM19, LWY$^+$11, SCHGM16]. **Reaction**
[LD16, BJR16, BRF$^+$11, PvVC13]. **Reaction-centric** [LD16].
reaction-diffusion [BRF$^+$11]. **reactions** [Vav12]. **reactive**
[BMR$^+$18, NP15]. **reactivity** [VMSM10]. **reactor** [DLCR13]. **reaeration**
[CGdCCPCPM14]. **real** [BP17, CMSR19, DLL18, KK15a, OMH12, ZSS17].
real-time [CMSR19]. **realism** [GB16d, PPBD13]. **realistic**
[CLBSG11, JGF14, LBS$^+$14, MHG18]. **realities** [MH11]. **realized**
[BFS11, HWH$^+$18]. **reallocation** [BWRA16]. **really** [Nie16, Sci11b].

CC11, DMB$^+$18, IT17, NTK14, SZ14, Sol19, Wil11a, ZMMHR10].
respecting [JZCL14]. **respective** [TCSG15]. **respiration**
[CGdCCPCPM14, GYL$^+$15, Gav15, LYD$^+$17, LPS$^+$10, MDW$^+$12, Oga17,
TWH$^+$14, VRL18, YLY$^+$18, YLL$^+$12]. **Response**
[CSR15, GLRT16, RHD$^+$16, ZFT$^+$10, ZZZW15, ARM$^+$12, BU11a, CPMP13,
CLLB12, CSH13, CWM12, CSL$^+$12, FM11, Fel12, GBP$^+$16, GQRC$^+$17,
GJÁ$^+$10, GU11, GTM$^+$19, Gra14, HM10, JDT$^+$16, KKK$^+$19, KLGL19, LF11,
LdMS$^+$16, LHZ10, LSJG17, LMGM11, LLC11, LDB14, MLK$^+$11, MJB$^+$11b,
OFK$^+$12, OES16, PP16, Rem11, SQWS19, SLB$^+$18, Sim11, TKH17, TIC$^+$14,
UB12, WZWL10, WPZ$^+$11, WMK$^+$13, WJ15, WSBP13, WUB15, WJK11,
XZSL17, XTPT11, YYL13, ZJL$^+$14]. **Responses**
[JWX18, MBD$^+$18, MPG18, PRL$^+$13, AK17, AS12, BMN11, BFJZ$^+$11,
CBCB17, CDG15, FLLG13, FBDZ12, LLKY18, Loe18, MLMFN$^+$15, MRB14,
MR17, MCG19, PW10a, PCTW17, RFV$^+$12, RA13, SCHQA16, SJGB16,
SLB14, SGRAdJ17, TXM$^+$10, TRE$^+$12, WYHC15, XTPT11, XLL15, YGL18,
YXD$^+$18, YDL$^+$15, dVLS11]. **responsible** [BPB14, PLS$^+$16, WSE10].
restitution [HB15]. **Restoration**
[NJM11, NBD$^+$13, BGD$^+$15, CNH$^+$11, CLCC11, FMLM11, GSQ17, GGV13,
HRSKW15, JDGJ13, KJH$^+$13, MAC$^+$12, MWB$^+$10, MSB$^+$17, PHC10, RJ17,
RSD$^+$15, TBJ$^+$15, TAGC$^+$16, WWYO17, YSH$^+$10, YKCN10, YYQ11].
restorations [SXZ$^+$15]. **restored** [SNZ$^+$19, SGKR10, Yan11]. **restraints**
[HVL$^+$19]. **restricted** [BLH10, GdSHA10]. **restriction** [WKZ$^+$19]. **result**
[CMGF14, MHY$^+$15]. **resulting** [BFH14]. **Results**
[CLD$^+$17, PTE$^+$12, SMH16, KVS17, MH13, NPH$^+$17, PSWM$^+$10, PGW19,
WGA$^+$13, WV12, WR12, ZLF$^+$11, vSGR16]. **resurrection** [HHK19].
resuspension [RGU$^+$15]. **retention**
[DKM$^+$14, HKVR13, HSM$^+$12, KD13, LDC$^+$16, MM16]. **Retrieval**
[LLM$^+$13, XLR11]. **Retrieving** [DS21]. **retrodictions** [KASS12].
Retrospective [BFW14]. **Return** [GPM$^+$16a, FN18, JSW$^+$13].
return-on-investment [FN18]. **Reunification** [HLS$^+$14]. **revamped**
[TWH$^+$14]. **reveal**
[BLFS18, DDR$^+$14, FRP18, GKKW10, MSV$^+$11, Vav10, WBB$^+$21].
revealed [SLB$^+$18]. **Revealing** [Ju19]. **reveals**
[GLR$^+$19, HFMM$^+$12, MGB13, RWH$^+$14, RMLTCQ$^+$19]. **reverse**
[Bai18, DDR$^+$14, ZSG$^+$18]. **reverse-learning** [DDR$^+$14]. **reverse-time**
[ZSG$^+$18]. **Review** [An12, FCLFB18, Jør14a, Kat11, ZWF18, AVG14,
BSMA18, BU10, Cam16, CCF13b, CGP12, EH15, EH19, FKWZ19, GMC$^+$19,
GBD$^+$10, GS19c, HF14, Hu16, JBV$^+$15, Jør10b, LTL$^+$19, LBH$^+$15,
LWL$^+$17a, LHH12, OMH12, PMB$^+$19, Pér18, PFR15, SW11, SFF$^+$11,
TFH12, TAGC$^+$16, VG19, Wal17, YLZ15, ZMS19]. **Reviewing** [KR10b].
revised [BU16a, Sci11a]. **revisited** [KOBK13, Log13a, PM16]. **Revisiting**
[vVBHZ11]. **Rhamdia** [dABLBAdOR17]. **rhino**
[GKL18, KdVRdW17, LR16]. **Rhipicephalus** [WTG$^+$16]. **rhizodeposits**
[GA15]. **rhizosphere** [GA15, NP15, NPH$^+$17]. **Rhizospheric** [NP15].

Rhode [BLCPB11]. **Rhombomys** [RMP⁺18]. **rhythmic** [MRB14].
Rhyzopertha [YWA⁺17]. **RI** [BN10]. **Ria** [BPGSS⁺18, DVD⁺14]. **Rica**
[FAC⁺19a]. **rice** [COPP13, CBB⁺10, DS12, SNS⁺12, SVL12, SDSH15,
SBC16b, TZS⁺14, XBvdV⁺14]. **rice-based** [SVL12]. **rich**
[GWR11, NFU19, SRT16, THO10b]. **richness**
[ACE⁺13, HCP10, MPG18, SvWP⁺15, WRMB18]. **ricinus**
[HMA10a, LVLS14]. **Ricker** [NS15]. **Rico** [HSVL12]. **Ridley** [KWGG19].
Rift [TW18]. **right** [Pat14a, Pat16b, Ula14]. **rigor** [Lin10, Lin16]. **Rim**
[LLP17]. **ring** [EFM⁺10, MK12, VAO⁺17]. **ring-shaped** [VAO⁺17]. **ringed**
[LAK⁺18]. **ringens** [XCR⁺13]. **riparian**
[WZGH18, YLZ15, ZLJM17b, ZLJM17a]. **rise**
[BME14, CAMCK⁺12, CWMC⁺12, DVD⁺14, FPWG14, KR10a, KKK⁺19,
LB17, LKAL⁺13, RSC12, RSC13, WCL⁺17]. **Risk**
[MMVAHMC16, RLHD11, TLL⁺17, WB16, AWF10, BCC⁺11, BSW18,
BCV13, BLD10b, BBL11a, BCD12, dABLBAdOR17, CHvdW⁺10, CZW10,
CCF13b, CAY⁺10, CMGF14, DPBS10, FtHvdB⁺14, GHWG⁺14, GDT⁺14,
GAG⁺12, GFP⁺16, GT14, HA18, HYG14, HL19, IPSH14, KDK⁺10, KGM12,
MPF⁺14, MDKK15, MHRB19, MYJ⁺14, NL12, PAB⁺13b, PKW⁺10,
PLHG14, QCB⁺11, RWS⁺16, RGH⁺13, RCBPMN10, SCB13, Sol19,
SGWV15, TMPF18, TZD⁺15, XWW⁺11, XPY⁺14, ZLLZ13, ZWA19].
Risk-based [RLHD11, NL12]. **risk-growth** [BBL11a]. **risks** [BG15, LL18b].
Risky [FTTV⁺18]. **RITY** [OFH⁺19]. **rival** [MTA19]. **River**
[BS18, BCB⁺11, CLD⁺17, Con11, Con12, CSFB17, FWRZ10, HZSH17,
HSTS19, HB14, JJYM19, KLS17, LLM⁺13, LC11, yLWhMhG11, MSB⁺17,
MLH⁺17, MSHC13, NWAR11, RZF⁺13, RML⁺13, SMC11, TJYZ11,
WLDL12, WDL⁺15, WPB14, WFSH15, WZG15, XLS11, XCL⁺11, YYL13,
Yan11, ZLZ⁺17a, ALC19, AD12, BVP⁺13, BGG16a, BS10c, CCL⁺13, ER10,
FSN⁺15, FB13, GLC⁺18, GSPSP15, JMW11, JBW⁺17, JA15b, LHL⁺17,
LBK⁺13, LDC⁺16, Lin15b, MLY⁺19, MSO10, NWAR12, NiSK21, PGKG12,
RHW17, SLY⁺17, SLB⁺18, SGRAdJ17, TMT⁺18, VPC⁺14, WWC⁺18,
YLC13, ZSG12, dMLM⁺17, CTNH13, DWNN10, DVF⁺19, FS14a, FCH⁺17,
FBB⁺18, GSPSP15, GFP⁺16, GWZ⁺15, GYL⁺13, HGBA⁺13, IGR⁺18,
KSSA13, KHJ⁺19, MMRS⁺19, MCP16, PSBH16, RMLTCQ⁺19, SQWS19,
SSM⁺13, WCL⁺17, WZGH18, WRSL11, WhFxGZ16, WAGM17, YXD⁺18,
ZF11, ZZT13, ZSG⁺18]. **river-lake** [ALC19]. **river/nursery** [FB13].
Riverine [KPM⁺14, GHH⁺15, JD18, JBW⁺17, LRM⁺14, OC15, SXNL18,
SQWS19, Sin17]. **rivers**
[ARTBB14, FCS13, FLB⁺15, GJM⁺13, RAF17, WB16]. **roach** [ODK16].
road
[BFR17, dÁGP14, FN18, FAPM12, FCA18, GJB⁺11, PGATS13, vSGR16].
Roads [SW19, CHNdÁP18]. **roadside** [GJB⁺11]. **roaming** [YRGH16].
Robben [WSW⁺16, WCS⁺14]. **Robinia** [BRKP16]. **Robust**
[HDL⁺16, HWH⁺18, PP10, BCV13, CMEP15, FIG⁺10, GB16a, HCK18,
KB10, OGOWW16, TB12b, dBGS⁺14]. **robust-to-fragile** [BCV13].

XTPT11, YHK$^+$19, YXD$^+$18, YFC$^+$11, dFMdSA18]. **scenes**
[RJG$^+$13, SYY$^+$19]. **scheduling** [MRP14]. **scheme**
[HWS11, HFMM$^+$12, ZCYL15]. **schemes** [EST$^+$19, LJ10, TDH12].
Schisandra [LGDW12]. **Schizas** [Pat10]. **schools** [DHHB15, RKRB16].
Schwabl [ZJG10]. **science**
[Cam16, DLW$^+$17, Pat14a, Pat16b, RCS$^+$19, Ula14, HhLY$^+$19, Pau14, Jør14b].
scientific [BME14, CMV$^+$16]. **scientist** [CBC$^+$16]. **Scissor** [RE10]. **scissors**
[NSIiT17]. **Scleractinian** [GBR13b, ENM11]. **Scomber** [LCC$^+$14]. **scope**
[CSL$^+$12]. **Scots** [ACDC17, GVV$^+$16, LM19, Log19a, UDP17, WJK11].
Scottish [KGM12, Mur13]. **scouting** [BGK$^+$16]. **Screening** [BLBB13].
scripta [BGA17]. **scrublands** [MRN12]. **SD** [TLLX19, WN17, ZLZ$^+$17a].
SD-MaxEnt-CA [TLLX19]. **SE** [ROSC15, HPO$^+$15, OCB$^+$13, OBC$^+$21].
SE-Queensland [HPO$^+$15]. **Sea**
[BH13a, BH13b, DSW$^+$17, KR10a, MSCH14a, SZSV12b, SW19, CF14,
CAMCK$^+$12, CWMC$^+$12, DVD$^+$14, DBP16, FS14a, FP13, FPWG14,
KWGG19, LKAL$^+$13, Mur11, MS16, NWAR11, NWAR12, PP19, PRH17,
PBD$^+$17, RPC$^+$17, RSC12, RSC13, RCP17, TVT12, VVH12, WFA10,
WCL$^+$17, WHRR15, WFN$^+$16, AALP18, ACE$^+$17, BDV$^+$19, BH13a, BH13b,
BSO13, CAL13, CWA$^+$15, CVM$^+$18, CQS15, DOB$^+$15, DBVS19, DSW$^+$17,
GS10, GCvDM12, GCM$^+$13, Hei11, HSM$^+$12, LY16, LAB$^+$10, LCC$^+$14,
MML$^+$11, MMM$^+$16, MSGG14, MSCH14b, PCTW17, PPB$^+$18, PLS$^+$16,
PGV10, RMHE15, RPP$^+$15, SELB10, SPM$^+$18, SGH16, SKM$^+$16, TPL$^+$15,
WBS13, WB14, WYPF15, ZYZ17]. **sea-cage** [RPC$^+$17]. **sea-level**
[CAMCK$^+$12, CWMC$^+$12, LKAL$^+$13, RSC12, RSC13, WCL$^+$17]. **Sea/Baltic**
[BH13b]. **seabass** [PAGCV$^+$10]. **seabird** [LJ13]. **seabirds** [SSS$^+$11].
seabream [PAGCV$^+$10]. **seagrass** [ALeSD17, BAB$^+$16, BGD$^+$15, Hos11].
Seal [CF14, BTB17]. **seals** [LAK$^+$18, ZKSF17]. **SEAMANCORE**
[MLAT$^+$18]. **Search** [Jør14a, BLH10, FCLFB18]. **seas** [HB10b, BSH17].
season [CMLY19, LCFD19, LAC10, YSA$^+$14]. **Seasonal**
[WHNR19, ZYZ17, ACC$^+$10, BVJE18, DP15, EFM$^+$10, ER10, FS14a,
FTK$^+$14, KH11, KK15b, LBR16, LDP14, LCZ11, LRB12, MCN16, Nak17,
NiSK21, PICR13, RML$^+$15, SAT$^+$15, SLZ$^+$13, SM14, TSB$^+$18, TWH$^+$14,
WDL$^+$15, WJK11, XTPT11, ZFG13]. **Seasonality** [KMMS17, AD13].
seasonally [DTC$^+$10]. **seasons** [ZCYL15]. **SEBAL** [LLM$^+$13]. **Sebastes**
[GC11]. **Second** [Nie16, MH11]. **Secondary** [CV19, BH17, BPC$^+$17,
HSVL12, KM12b, KGD14, MBBA17, PR11, SRHL11, SWS16]. **secret**
[SKPHW16]. **Section** [yLWhMhG11, Jør10a]. **Sector**
[SKTG11, GSA$^+$19, KGM12, LZJ$^+$19]. **sectoral**
[LYCZ11, NLM$^+$19, ZLF$^+$15]. **security** [HLW15, LSZC10]. **sedges**
[RML$^+$15]. **sediment** [HPG$^+$10, KD13, OdlFDP15, RML$^+$13, ZSJ15].
sedimentary [WJL$^+$13]. **sediments**
[BCC$^+$11, PJ16, VMSM10, VRC17, VRL18]. **see** [Bev15]. **seed**
[BFNH14, BCL$^+$14, CV19, DF13, GDC12, GTM$^+$19, HLS$^+$14, HKN17,
KR14, MOMC17, MLMH18, PDG$^+$14, SMKM19, TKN14, TWL11, WXB10,

MSCH14b, MSFR15, OOFVBC16, OCCF17, PMCKH13, PP12, QCLW18, QFG$^+$13, RHvdTS14, RAF17, SLLW15, SBPZ12, SKL$^+$13, SBA$^+$13, TPL$^+$15, UKI$^+$11, VJR$^+$16, VPM$^+$18, WMF$^+$13, WGA$^+$13, YZG16, ZSF$^+$12]. **sensor** [JGX13]. **Sensory** [LGMLD19]. **Sentinel** [MAO19]. **Sentinel-2** [MAO19]. **separate** [LKLK15, PM16, YqWB$^+$15]. **separating** [ZCYL15]. **September** [Ano10q, Ano11-31, Ano11-32, Ano12-35, Ano12-27, Ano13-30, Ano13-28, Ano14u, Ano14h, Ano15o, Ano15i, Ano16g, Ano16s, Ano17-34, Ano17-33, Ano18-29, Ano18-32, Ano19d, Ano19h, GORJ12]. **Septicaemia** [KGM12]. **sequence** [TL10]. **sequences** [GLT10]. **sequential** [DG16, DPBS10]. **sequestration** [ABK$^+$16, AML13, ACN14, GHP12, MPM$^+$15, NJM11, OQH$^+$13, UKI$^+$11]. **Serbia** [RRR$^+$10, SSM$^+$13]. **Serengeti** [War10]. **Seriatopora** [KvOP10, MATS14]. **Series** [WHC$^+$13, ACN14, BAJ$^+$11, DSK$^+$11, KA17, RWP11, SHBG10, VPS10, WPB14]. **serious** [YL17]. **service** [DML15, DMBS11, LSJ$^+$18, LSJ$^+$19, LLZ12, SDY$^+$15, SFB$^+$15]. **Services** [GAP$^+$19, LYL$^+$17, MSS$^+$19, AAJB21, BHD16, BMU10, BFM11, CLA$^+$12, DYU$^+$12, EBA$^+$19, ESP$^+$17, GAG$^+$12, GFC15, HRSKW15, HV15, HF14, JBV$^+$15, JMB$^+$11, JBW$^+$17, LC13, MGR$^+$18, NPP$^+$18, OWMK10, PCB11, RDH$^+$13, TLL$^+$15, TAGC$^+$16, VLZ$^+$19, VVA$^+$15, WO14, ZBAY14]. **SES** [CF17]. **sessile** [VCE17]. **sessions** [LPA$^+$11]. **Set** [BHD17, MCB14, BMF$^+$11a, BMF$^+$11b, CPAG15, JBCÑ11, KYvdPS14, KFvSH15, LJ10, Lin10, Lin16, vVHZHvD13]. **set-aside** [LJ10]. **sets** [AHS$^+$17, HL19, MU17, MCPB13, PLHG14, SFL$^+$19, TBJ$^+$15, XLR11]. **setting** [DTS$^+$12, LCP15, RLB$^+$12, SB15]. **settlement** [TQZ12, vSGR16]. **settling** [ZLG16]. **seven** [San17, WPB14]. **seven-compartment** [WPB14]. **several** [HKVR13]. **severe** [TGB$^+$17]. **severity** [FMS13]. **sewage** [AJDS16]. **sewage-fed** [AJDS16]. **Sex** [BEPC15, FML$^+$17, HTL$^+$14, RAdA12, SK10, TKP14, TVI$^+$13, TMC$^+$16]. **sex-ratio** [TVI$^+$13, TMC$^+$16]. **sexual** [IWW12]. **sexually** [NdA16]. **Shaanxi** [ZZLZ14]. **shad** [HSCS14]. **shadows** [BFNH14]. **shallow** [BAB$^+$16, BM16, BN10, CVPH$^+$14, CdMMF16, CZR$^+$14, CTP$^+$17, DH12, FAC$^+$19a, GJÁ$^+$10, GYL$^+$13, HB10b, HPRNP12, JSL$^+$10, JHH$^+$12, KHL$^+$16, KvTL$^+$18, LHZ10, LCY$^+$13, LLZ$^+$15, MH10, SLW$^+$14, TSB$^+$18, WFW$^+$17, YZG16]. **shallow-water** [BAB$^+$16]. **Shandong** [ZZF15]. **Shannon** [PVB16, RHQ$^+$16]. **shape** [HM10, KOBK13, LJ15a, MAM$^+$10, NWAR12, POB18, San11]. **shaped** [VAO$^+$17, YZ18]. **shapes** [MLK$^+$11, NWAR11]. **shaping** [DRS$^+$16, TWH$^+$14]. **share** [SFM$^+$18]. **Shared** [NTK14, DS12]. **shares** [MTGD17]. **Sharing** [JSW$^+$13, SZ14]. **sharks** [BTBM17]. **sharp** [BCV13]. **shatter** [DKM$^+$14]. **shattercane** [WTL17]. **shed** [GO15a]. **sheep** [LJ14]. **Shelf** [DA19, CR12a, CQS15, DJS10, ER10, GC14, LBSB$^+$14, PFA$^+$16, ZRCNLI$^+$15]. **SHELL** [IFC14]. **SHELL-E** [IFC14]. **shellfish** [BLCPB11, GBB$^+$11, HCZ$^+$17, IFC14, RRHH10, ZZL$^+$19]. **shelter**

[BBL11a]. **shelterbelts** [ABK⁺16]. **sheltered** [RRHH10]. **shift**
[BPB14, BSHG16, HH12, LPT⁺18, MPP⁺15, MCP16, OGG⁺16, SK15,
TZD⁺15, XTPT11]. **shifting** [LQW⁺19, MJF19, WFA⁺13]. **Shifts**
[DWWS15, BGD⁺16, BMD18, CpW16, CJM⁺12, DAF⁺11, DVCM⁺10,
FBKS17, HT16, LBN⁺18, MLC⁺16, MLK⁺11, MOMC17, MRM⁺17, NA11,
RH17, SS16, SKK⁺13, ZW12]. **shipping** [CLD⁺17]. **shoot** [Hos11]. **shore**
[BLFS18, WLZC11]. **shorebird** [CWMC⁺12]. **Short** [GT14, MCG19,
CRVS13, DR17, LA11, LAB⁺10, OBC⁺21, RTE⁺15, Str15a, Str15b, ZZT13].
Short-term [MCG19, CRVS13, DR17, LAB⁺10, OBC⁺21, RTE⁺15].
short-time-scale [ZZT13]. **Should** [Kos17, RA13, SM10, TCGC16]. **shrimp**
[DLH⁺14, DBS18, LMGW16, MHRB19]. **shrimps** [ADL⁺10]. **shrinking**
[KPTC14]. **shrub** [GdTCFG10, UDNSLC⁺18]. **shrubland** [AW16, VALC12].
shrubs [PFSF14]. **SIAT** [VKdW⁺10]. **Sib** [GVGC16]. **SIBBORK** [BS16b].
Siberia [KWJH16]. **Siberian** [THJ⁺12, TWS⁺11, XKI⁺11]. **Sichuan**
[LML17]. **sidedness** [WJL14]. **Sidney** [KB10]. **Sieb** [Oga11]. **Siena**
[MJP⁺12]. **sigmoid** [SCHGM16]. **sigmoidal** [TT17a]. **signals**
[Bae18, OFGH⁺19]. **signature** [VRL14]. **signatures** [BPB⁺18]. **significant**
[PVB16]. **silica** [OC15]. **silico** [Hel10]. **Silver**
[SLB⁺18, dABLBAdOR17, NFU19]. **SIM** [KB18]. **SIMBA** [Och10].
SIMBA-POP [Och10]. **similarities** [GLSA⁺11]. **similarity** [VPC11].
Simple [AJDS16, HMS⁺11, JNHF18, MHY⁺15, ROG⁺16, RW17, RP10,
AFC12, BVC⁺18, BP16, BP17, Ber13, Con14, DR14, DBJ13, EZ14, Flo14,
FNR11, GORJ12, GC14, IKH⁺11, MLW11, MDW⁺12, MMC11, Mur11,
MS16, PW10a, PBB⁺14, Pea15, RML⁺15, RRJVA13, RML⁺13, RWP11,
SHT⁺21, Sim11, SWGC16, TTCH⁺14, TM12, WCF⁺16, WM14, WK11,
WWYO17, ZLF⁺11, ZKR⁺13]. **Simplified** [JZ12, HMP⁺19b]. **simulate**
[AWL⁺13, BPR⁺11, BOF⁺16, CVV⁺13, CLLB12, CPS⁺14, KF16, LKKK⁺14,
LDM15b, MBD⁺12, SHC⁺15, SRSS12, SBC16b, SMBGH⁺19, TRE⁺12,
VAB⁺18, WO14, WZD⁺14, YDZ⁺21]. **Simulated**
[MGWW13, PAT17, WTG⁺16, WGTH16, AVL⁺11, CSS⁺19, CPE13, DSS11,
FL11, GLS⁺17, LHLW15, MBW14, NZL13, PBFS14, RV13, SPM⁺18,
SHM⁺14, WHRR15, WJ15]. **simulates** [RML⁺15]. **Simulating**
[ABB⁺10, BFH14, Bre12, BWML15, CNH⁺11, CAMCK⁺12, CHK⁺12,
DDM⁺17, DCMK11, DPPI14, DHHB15, DMR13, DH18, DHS⁺16, DWP11,
DRS⁺16, FB13, FPG⁺10, GE17, GBL⁺13, GNB⁺14, HJ17, HFH⁺19,
HWE⁺18, IMW⁺17, KRL⁺16, KVU⁺10, LMGW16, LLT⁺17, NJM11,
PHvB⁺18, PGATS13, PAGCV⁺10, RWH⁺14, RBGB16, SRV⁺12, TOQW11,
TS11, WR17, WSC⁺19, YLY⁺18, YDT⁺13, ZZJ⁺16, ANMJ12, AAJB21,
AD18, BMMC21, CLH17, FKH⁺15, FMA⁺12, KDHC⁺18, LHZS10, LTL⁺13,
LYD⁺17, LZZW17, MBHW12, MJÁ⁺12, NW18, PKD11, RPGA15, SBDS13,
SQWS19, Sim11, SMG⁺12, SNZ⁺19, TTCH⁺14, TLLX19, THOA10, WPZ⁺11,
WHB12, WMF⁺13, WRM⁺11, XZC⁺17, XSN⁺18, ZZB⁺18, ZHLZ17, vSGR16].
Simulation [BLBB13, CC12, FH11, FKDG14, GQRC⁺17, HJ10a, JJKJ11,
KWGG19, KVS17, KMM⁺13, KVP16, LB15, MGMR15, MNEG11, MCBM12,

[GMP13, OJ10]. **slow** [WGL⁺12]. **SLR** [DVD⁺14]. **sludge** [OTA16].
sludge-amended [OTA16]. **Small**
[XWW⁺11, XQZ⁺13, ABB⁺10, BFP⁺18, CHR⁺13, CSN⁺19, CMCC15,
EKB18, FAPM12, FCA18, GGV10, IGR⁺18, IGBSASSJ16, KHHN17, KSG⁺14,
LZB17, MN12, RPP⁺15, SGA⁺16, SA13, WGL⁺12, YDT⁺13, ZJM⁺13].
small-scale [CMCC15, EKB18, IGR⁺18, IGBSASSJ16, KHHN17, SGA⁺16].
small-world [ABB⁺10]. **smaller** [NYH15]. **smallmouth** [LBW18]. **smart**
[DSA⁺18, Gia14]. **SmartScape**^{TM} [TAT⁺16b]. **Smoky** [KPT11]. **smolts**
[APWT15]. **snails** [BCP15]. **snapping** [AB13]. **snow**
[DYMYGO19a, DYMYGO19b]. **snowdrift** [LPSC16]. **Snowy** [CAMCK⁺12].
soaring [DDBK15]. **Social**
[BGC10, BYR18, CWLC13, CLA⁺12, CLD⁺17, GMK⁺19, GCCJ12, Ken17,
LL17, LJ14, LZL⁺18, MRM16, MGD⁺12, PJ15, RGRMRR18, SGBD10,
SKHH19, SvdR10, SXZ⁺15, UAB⁺11, VSB13, XZCL16]. **social-ecological**
[CLD⁺17, LL17, MRM16, SKHH19]. **societal** [CSF11, LG17]. **societies**
[KBC⁺12]. **Society** [Ano13u, LMY⁺11, LYP⁺11, LPA⁺11, BCP16, HZSH17].
Socio [GPM⁺16a, TBA19, BGMFES15, CPJ⁺13, CK12, DK17, Fai10, Hal11,
LA11, MRN12, SDSH15, TLLX19, WAM13, ZFZ⁺14]. **socio-ecologic** [Fai10].
Socio-ecological
[GPM⁺16a, TBA19, BGMFES15, CPJ⁺13, CK12, Hal11, MRN12, WAM13].
socio-economic [DK17, LA11, TLLX19, ZFZ⁺14]. **socio-political**
[SDSH15]. **socioecological** [BUB⁺12, RAR15]. **socioeconomic**
[RCBPMN10]. **Software** [MBRR13, BGK⁺16, GdC14, LBA14, LBA15]. **Soil**
[COBF13, FTYI13, LKLK15, OLG⁺13, PBFS14, TDC⁺11, vLTdBP16,
Agu11, AAJB21, AYASR⁺17, BVGR⁺17, BP15, BP16, BP17, BP19, BFP⁺18,
BKMK10, BBH⁺11, CKS⁺17, CSS⁺17, CR11, CR12b, DS21, DJA⁺10,
FBA⁺11, GPK⁺13, GBG⁺15, GE17, Gra14, GVC10, HWS11, HMS⁺11,
HJS⁺16, HWL17, HOŠ⁺12, HHF⁺10, IBD⁺19, JL18, JAKJ10, KJMA11,
KCB⁺17, KJS13, LBZA19, LBE⁺18, LYD⁺17, LLT⁺17, LPS⁺10, LKP13,
LPD14, MLB⁺16, MBSW12, MBW14, MGS16, MAP⁺13, MMC⁺19, MJF19,
Nei11, NBK⁺11, OKS⁺11, PAS⁺10, PP16, Pie10b, Pie10a, PANL11, SDD⁺13,
SFvB10, SVL12, SBRD10, SCG⁺16, TRE⁺12, TGB⁺17, VPM⁺18, WC13a,
WC13b, Wol11, WHC⁺13, XLS11, YDD⁺13, YYH19, ZLW⁺15]. **soil-core**
[BVGR⁺17]. **soil-plant-atmosphere** [LPD14]. **soils**
[BL15, DCMK11, FAS⁺19, GPK⁺13, GGVB11, GNB⁺14, JAH⁺10, LVPF15,
LNB17, MOM⁺11, NP15, OTA16, OKS⁺11, OLG⁺13, SSW⁺18, SGKR10,
TTCH⁺14, TLL⁺17, YDD⁺13]. **solandri** [MROGVR12]. **Solanum**
[KYvdPS14]. **solar** [AML13, JMSM12, LCS11, PSS16, SBDA16]. **sole**
[KHW⁺16]. **solenopsis** [FTK⁺14]. **solid** [BNGP19, ZHCX15]. **solids**
[MTPC13]. **solitary** [CCCP17]. **soliton** [ACKS13]. **soltan** [SC21]. **Solution**
[WHC⁺13, MEC14, PBP⁺15, Qia12, RHS⁺15, RHD⁺16, SJTS13]. **Solutions**
[Gia14, BOF⁺16, GCCB18, LTL⁺19, Mar17, MV17]. **solved** [BLAV18].
Solving [BDWP16, Bil11, KA17, HCK18, vDHH⁺14]. **Some**
[MJB⁺11b, RHS⁺15, RHD⁺16, SGB10, VRL18]. **SOMPROF** [BBH⁺11].

KDT$^+$17, KSM$^+$18, KAF$^+$14, KCKdOW12, KKBZ17, KKP$^+$17, Kos17,
KSG$^+$14, KLS$^+$14, LV17, mLcLJ15, mLcLJ16, LM13, LJAD17, LRZ12,
LBM16, LMR16, LCM11, LKG10, LCY$^+$13, LCCL15, LJ15c, LSJG17,
LHW$^+$15, LPT$^+$18, LLQN13, LKAL$^+$13, LYC$^+$15a, LJLO11, LJWN14,
Loe18, MGD$^+$12, MU17, MF16, MDH15, MG18, MHG18, MRM$^+$17,
MMPG16, MAMNL$^+$15, MPG18, MDG10, MBA$^+$19, MMMCAHM21,
MWD$^+$15, NSIiT17, NA11, OOFVBC16, OT15, OCB$^+$13, PR13, PKG16,
PK16, PMRGF10, PTL14, PKD11, PGS16, PLHG14, PL10b, PSWW11,
PvVC15, PFR15, PDBP11, RXSK14, RLS11, RWVK11, RKC$^+$15, RvKM10,
RKBG14, RHD$^+$13, RDH$^+$13, RHR$^+$15a, RHR$^+$15b, RGH$^+$13]. **species**
[SZSV12a, SC21, ŠK14, SSBJ12, SF10, San11, SFM$^+$18, SW19, SvWP$^+$15,
SZ14, SA13, SRV$^+$12, SGM$^+$14, SJB$^+$16, SSKJ18, SDKE18, SKL$^+$13,
SPB$^+$17, SAKB$^+$10, SvdR10, SDS$^+$21, Str15a, Str15b, SP12, SNZ$^+$19,
SLD$^+$19, TAC$^+$14, TW18, TBA19, TLS$^+$16, Tul14, VCE17, VRA$^+$17,
VLF$^+$17, VBPY11, WPG15, WBB$^+$21, YGL18, YHK$^+$19, YHW$^+$12, dSD14].
species-by-species [HJWG12]. **species-level** [FAS$^+$19]. **species-rich**
[GWR11]. **Species-specific** [AG11, SBR$^+$19, AMRH19]. **specific**
[AMRH19, AG11, Dil10, EMH10, GHST19, HGE$^+$10, KWGW19, PWK$^+$17,
RPGA15, SBR$^+$19, TM18, UFK$^+$10, WS15, YCL$^+$14, dVLS11, dAdSC15].
Spectral [GRL18, Ban11]. **Spectral-temporal** [GRL18]. **spectrum**
[GPM16c, ZCR16]. **Speed** [Jör11a, GDC11, RHO11]. **sperm** [CMA$^+$13].
Sphagnum [HZT$^+$13]. **sphenanthera** [LGDW12]. **Spherical**
[BLH10, Mat17]. **spider** [Joh10]. **spill** [KWGG19]. **spillover**
[BG15, CHvdW$^+$10]. **Spin** [SYL$^+$13]. **Spin-up** [SYL$^+$13]. **spined**
[MBM$^+$18]. **spirochaetes** [WGSR19]. **splines** [CSOS17]. **splitnose** [GC11].
splitting [CH15]. **sponge** [GRYM11]. **spontaneous** [RHQ$^+$16]. **SPOT**
[HS11]. **spots** [BSCG10]. **spotted** [TPG14, LAR$^+$16]. **Spotted-Wing**
[LAR$^+$16]. **spp** [AS11, AOW13, PPZ$^+$17, PMF$^+$13]. **sprat**
[FAT$^+$15b, Hei11, JOHW17]. **Sprattus** [FAT$^+$15b]. **sprawl** [PTA$^+$12]. **spray**
[DKM$^+$14]. **spraying** [SDSH15]. **Spread**
[FMA$^+$12, ABR12a, ADF$^+$17, CMSR19, DPPI14, DSBS15, FHG12, GPJL15,
LSR16, MBLC14, MSKS13, MF16, MRC19, MMGK15, MWD$^+$15, PKD11,
SM10, SDS$^+$21, SRT16, SH18, ZHLZ17]. **spreading** [SM12]. **Spreng**
[MAO19]. **spring** [CAMNN16, DWP16, qHLlZ$^+$16, JG10, JX17, LAC10,
MGWW13, PVBC14, WBS13, ZPZ$^+$15]. **Springer** [Wei19]. **springtails**
[MAP$^+$13]. **Spruce** [Gar17, ABK$^+$16, CAC$^+$16, DBG14b, DBG14a,
mGZK$^+$10, HJS$^+$16, HOKH18, HOŠ$^+$12, KPT11, KPTC14, KMP14, MVC11,
MCG19, NPH$^+$17, OJ10, TNA$^+$17, TVF$^+$10]. **Squares** [IBD$^+$19]. **squeeze**
[HWE$^+$18]. **squid** [ZBMBDU$^+$17]. **squirrel** [Hat14, JWLS17]. **squirrels**
[TDF$^+$19]. **SRTM** [MAO19]. **SRTM-derived** [MAO19]. **St.**
[CNI11, CLD$^+$17, MDVG$^+$15]. **Stability**
[MW12, PP16, BP19, BFP$^+$18, BBHP13, BH13b, CD17, CD16, HDL$^+$16,
HWH$^+$18, KCC16, MBSF14, SU15, VCD$^+$17, ZFZ$^+$14, ZYKS15, dAdSC15].
stabilization [MWM$^+$16]. **stabilize** [BGP11]. **Stable** [Ret12, DLH$^+$14,

DCZ$^+$15, GVV17, KK11, MDL$^+$10, MLMH18, PLR$^+$13, Vav12]. **stacked**
[GGV13]. **stage**
[AHS$^+$17, ASS14, CCSF11, CCF13a, EPA$^+$10b, MCMT$^+$16, Oga11, SFL$^+$19].
stage-structured [AHS$^+$17, EPA$^+$10b, SFL$^+$19]. **stages**
[DdSCG11, GCM$^+$13, JNHF18, NBSGW19, RWvDM15, SM12, SU15, VVH12].
stakeholder [GCCJ12, MJLC14, XZCL16, vGKB10]. **stakeholder-driven**
[MJLC14]. **stakeholders** [BRW$^+$12]. **Stamou** [Pat10]. **STAMP** [MTL$^+$10].
stand [ACDC17, BHC$^+$15, CADB19, CN11, FH11, For14, FT16, LSA$^+$19,
Oga11, Oga17, RGH$^+$13, TVF$^+$10, TKH17, TGB$^+$17, ZXD$^+$13]. **stand-level**
[CN11, For14]. **standard** [GHWG$^+$14, SSKJ18]. **standardisation** [PM16].
stands [ACDC17, Gar17, mGZK$^+$10, GCK$^+$15, KLS$^+$14, MPKC12, Oga17,
Oga18, RLS11, SKK$^+$13, VALC12]. **starch** [FS14b]. **starting** [RDD$^+$18].
starvation [MCH15]. **State** [BCJ$^+$12, HGLZ13, RDR$^+$13, WBC$^+$12,
AYASR$^+$17, AB10, BLFS18, BCP16, CCF13b, CpW16, CGAB17, JTB$^+$19,
KP13, LVV$^+$15, MSCM18, NF11, NCLP10, PBT$^+$11, Phi11, RHO$^+$12,
RDH$^+$13, RHS$^+$16, SHBG10, SA16, SP12, WB10, Wan19, WCG$^+$11].
state-and-transition [KP13, Phi11, SHBG10]. **State-dependent**
[WBC$^+$12, MSCM18, WCG$^+$11]. **state-of-the-art** [CCF13b]. **State-space**
[BCJ$^+$12, BLFS18, PBT$^+$11, SP12, WB10]. **States**
[SHB$^+$11a, BS19, GRYM11, GVV17, LF11, Löp11, MDJ$^+$11, MJL$^+$13,
MJL$^+$14, McC16, PGA$^+$11, RCP17, TB12b, CRD$^+$16, Gli14, HSR$^+$15,
LLT$^+$14, LLT$^+$17, RWFD13, RTE$^+$15, SHC$^+$15, SBF15, SWR$^+$16, SB15].
static [OGG$^+$16, VRC17]. **stationarity** [RDD$^+$18]. **stationary**
[RHS$^+$16, RDR$^+$17, RV15]. **stations** [CCL$^+$13]. **Statistical**
[MGS15, BTM$^+$10, BBH$^+$17, LGY10, LSL10, MROGVR12, NYIH17,
SMI$^+$19, VEMS12, WLC$^+$19, ZDL$^+$17]. **Statistical-thermodynamics**
[MGS15]. **statistics** [BLAV18, OGOWW16, SBVA$^+$13]. **status**
[AHS14, ABL$^+$13, MHC16, SKM$^+$16, WSS$^+$16]. **StDM** [SBC13]. **Steady**
[Löp11, GRYM11]. **steel** [mNkGyT$^+$17]. **steelhead** [MSB$^+$17]. **steepest**
[TOHT14]. **steepness** [HLK$^+$12]. **Stefano** [FBDR17]. **step** [OGOWW16].
Stephen [Wei19]. **steppe** [CSS$^+$19, PVBC14, SAW$^+$11, ZJL$^+$16].
steppe-meadow [CSS$^+$19]. **steps** [SFvdM$^+$17]. **stepwise** [SZSV13]. **sterile**
[PvVC13]. **Sterna** [GQNMR18, JJKJ11]. **Sternula** [KK13]. **Steud.** [ESA12].
stickleback [MBM$^+$18]. **stimuli** [KNU$^+$15]. **stitch** [SP11]. **Stochastic**
[CJLV11, DSJ19, HFSL14, MGW$^+$21, PMLL11, BEPC15, BP10, CMM$^+$10,
CMD12, EAB11, EC10, GDT$^+$14, JBB$^+$11, JM15, Ken19, LSA$^+$19,
LBWW14, LHZN11, LJLO11, MBG17, MMC11, MMGK15, RNS$^+$19,
RGRMRR18, TT12, TL15, vDHH$^+$14, SBC13]. **stochasticity**
[BRF$^+$11, CDG15, ECO$^+$14, MMPG16, RHW17, SF10, San19].
stochasticized [WAGM17]. **stock** [BS13, CAL13, HLK$^+$12, Lem16,
MTZ$^+$10, MM19, OLG$^+$13, RAB$^+$10, SP12, WKZ$^+$19, YYH19].
stock-recruitment [Lem16, SP12]. **stock-recruitment-age-structured**
[CAL13]. **Stockholm** [WFM16]. **Stocking** [FMG$^+$16, LJ15b, RVNB11].
stocks [DR17, HMS$^+$10, LBC$^+$15, MLB$^+$16, MCG19, Nei11, SHM$^+$14,

TLL$^+$15, ZCR16]. **stoichiometric** [ELPK12, PHP$^+$14, Pea15, Vav12].
stoichiometry [LWGH13, WSE12, WLR18]. **stomata** [MEC14]. **stomatal**
[HSD$^+$15, MTL$^+$10, MEC14]. **stomatopods** [ADL$^+$10]. **stone**
[CMT$^+$11, MPKC12]. **stonefly** [CDR$^+$13]. **stop** [CGB$^+$13]. **stopover**
[SSD$^+$17]. **storage**
[ACN14, CT16, JDT$^+$17, TTCH$^+$14, Wan19, WPB14, ZFT$^+$10]. **Storm**
[YBA$^+$16, LJBS12, YYH19]. **stormwater** [LCP15, MXC13]. **stranding**
[YDT$^+$13]. **strategic** [MJLC14]. **strategies**
[Ana17, BS13, BPB$^+$18, BBL11b, CHTC11, CTB$^+$12, CB15, CESC19, EZ14,
FMG$^+$16, FLA19, GBB13, HGBA$^+$13, IWW12, JBE$^+$15, Joh10, Kal19,
KPLS15, KKI$^+$14, LGMLD19, LJ15b, LLL19, LL18b, LB15, MKH$^+$17, MFB17,
MvDL$^+$10, PKB$^+$18, PP19, PJ17, PRP17, PDV17, PRH17, RVL$^+$18, RAdA12,
RMR$^+$16, RvKM10, SMH$^+$12, Str15a, Str15b, TBJ$^+$15, TL15, XLS11].
strategy [CGLA10, ESP$^+$17, Flo18, GTC16, GHS$^+$16b, HBT$^+$18, IS13,
ISG13, LLH$^+$13, MSM$^+$17, MCN16, RPP$^+$15, SLRC19, UDP17].
stratification [KMKL19, RWH$^+$14]. **stratified**
[CIHL14, FMF12, JTB$^+$19, RGRMRR18, STSA10]. **stratified-population**
[RGRMRR18]. **Strayer** [Jør14b]. **streak** [LBR$^+$17]. **streaked** [HSTS19].
stream [BA14a, CL10, CGdCCPCPM14, DPPI14, DKJH13, DRS$^+$16,
GPCG15, GWZ$^+$15, HKW$^+$18, HKVR13, JBW$^+$17, KC18, KSG$^+$14, LW14,
MGCL17, Pen11, PGATS13, SAR11, WR12, ZLJM17b, ZLJM17a].
stream-resident [MGCL17]. **streambed** [KPSC10]. **streamflow**
[GTC16, LC11, MMRS$^+$19, YYL13]. **streams**
[ARTBB14, CDR$^+$13, JNC$^+$11, MNK$^+$21, MR17, MJK$^+$17]. **strength**
[AGJ$^+$12, BSW18, HLL$^+$19, Md18, YZ16, ZML$^+$12]. **strengthen** [SRTS18].
strengths [WFM16]. **stress**
[BFA11, BCB$^+$11, BEBA19, CBCB17, DSS11, FMG$^+$16, KNU$^+$15, KS17a,
KS17b, LVV$^+$15, MEC14, RMvW13, SKTG11, SLZ$^+$13, WFSH15, YqWB$^+$15].
stressors [BR16, IT17, JBW$^+$17, KRCVF16, MTJF11b, Rai13]. **strict**
[WSE12, WLR18]. **string** [RDD$^+$17]. **strip** [SRXP14]. **striped** [MLS$^+$11].
striped-bass [MLS$^+$11]. **strong** [BRF$^+$11, DJH10]. **strongest** [HKM$^+$18].
Structural [CL10, CJR$^+$16, GB16d, AAFH15, BPR$^+$11, BBL$^+$17, KCLL14,
KJH$^+$13, LDO$^+$18, LYCZ11, NOOM$^+$16, PW10a, SGKR10, VPC$^+$14, Wal15,
Wil11a, XWC$^+$11, ZLC13]. **structurally** [ZGJ10]. **Structure**
[CR12a, LJCG15, ABC$^+$14, AYASR$^+$17, AD18, Ant14, BVC$^+$18, BSASSJ$^+$13,
BLD$^+$10a, BND19, BC11, BPGSS$^+$18, ČTT$^+$12, CBR$^+$16, CGGL16, CBO16,
CPS$^+$14, DA19, DH12, DCZ$^+$15, FE14b, FSML11, FGPR10, FAC$^+$19a,
FNR11, Fuj16, GYL$^+$13, HBS$^+$16a, HKG$^+$17, HWH$^+$18, IWW12, IKL14, JB11,
JHH$^+$12, Kal19, KGS11, KP13, KvOP10, KHL$^+$16, KLS$^+$14, LBH$^+$15, LBD10,
LKDD15, LJ10, LLFL12, MMD$^+$17, MRB14, MK14, MJGC13, NCEGB16,
NWAR11, NWAR12, NJCF11, OBC$^+$21, Pec12, PP12, Ret12, RNS$^+$19,
RAR15, RMvW13, SCHQA16, SLW$^+$14, SMH16, SS11, SGKR10, TKW17,
TVI$^+$13, TCH$^+$13, TS11, VC17a, XC14, XKI$^+$11, YHW$^+$12, ZLLC13, ZLZ17c].
Structure-dynamic [LJCG15]. **structured**

[AAME11, AHS⁺17, BNC⁺18, dÁGP14, CAL13, CC12, CRUF13, dSCdA19,
EPA⁺10b, GS19a, KMS⁺12, KMS⁺13, LKLK15, Lem16, Log16, MM19,
NMdR16, NTK14, RPM13, SBA⁺19, SFL⁺19, TKP14, VHDM17, WAGM17].
structures [DBH⁺17, LAD11, PÓF⁺18, SVD⁺13]. **structuring** [RAdA12].
Stubai [FCFT16]. **stubbornness** [ZYXT18]. **students** [Mob18]. **studied**
[AYASR⁺17]. **studies** [ABB⁺14, BCD12, CL15a, GDDFT16, HKlL14,
JTM⁺17, LCMG18, SDD⁺13, TVT12, VG19, YC11, YHJ⁺17]. **Study**
[AAA13, Ano12a, HZSH17, LYC⁺15b, WLC⁺19, AGQP⁺14, ABS17, Ana17,
AHM⁺16b, ABD14, BVC⁺18, BCB⁺11, BVJE18, BH17, BEPC15, BLD10b,
BC11, BEBA19, BG11, CVV⁺13, CZC⁺15, CBGK15, CWLL15, CL15b,
CpW16, CTC⁺18, CGEdM12, CRTS15, CMSPJ11, CBB⁺10, CWA⁺15,
DHC14, DPBK10, DPvBvA11, DKJH13, DSW⁺17, DLD⁺11, EGMW12,
F.11, FS14a, FKH⁺15, FCZ13, FCH⁺17, FP17, FCFT16, Fre16, GWHL15,
GZS⁺18, GDT⁺14, GL10, GS19b, GB15, GBR13b, HRSKW15, HBR19,
HFSL14, HJ17, HM18b, HKVD16, HYL⁺17, JBE⁺15, JMW11, JJYM19,
JHT⁺14, JGX13, KSSA13, KM12b, KZR⁺13, KHJ⁺19, KAC⁺12a, KAC⁺12b,
KCKdOW12, KMKL19, KL12, LDG14, LSH15, LY16, LHL⁺17, LLL⁺10,
LYSW15, LLZ⁺16, LHL18, LBW18, LWTZ18, LDM15b, LCP14, LBS⁺14,
LYC⁺15a, LML17, LVV⁺15, LMBL12, LGDW12, MTZ⁺10, MLY⁺19,
MLG18a, MAM⁺12, MAC14, MRD⁺12, MRZU14, MCG19, MRP⁺11, MB14].
study [MGSB11, MMVAHMC16, MOM⁺11, Mur13, NCMF10, Nei11,
NXZ18, NMA⁺19, NGGFM19, OHS⁺17, Oga11, OTA16, PLR⁺13, PMS⁺17,
PPB⁺18, PFA⁺16, Pen11, PGKG12, PBD⁺17, PLS11, PGGMMA19,
PGA⁺11, RBM⁺17, RSCS19, SMC11, SBCB13, SSV⁺12, SJS⁺13, SEHD18,
SK11, Sin17, SGRAdJ17, SDKE18, SAKB⁺10, SGP18, SSM⁺13, SSW⁺18,
SGKR10, TPL⁺15, TLL⁺15, THJ⁺12, TPG14, TDH12, TLW⁺14, TOQW11,
TYEH10, TBL⁺15, URR⁺17, VVH12, WALCY12, WSW⁺13, WYHC15,
WFN⁺16, WØ15, WX11, XCR⁺13, YSH⁺10, YYQ11, YJW15, YLHZ14,
YBA⁺16, ZBAY14, ZLY16, ZYFL10, ZFT⁺10, ZLC13, ZKR⁺13, ZLF14,
ZLF⁺15, ZQC15, ZZF15, ZLFZ16, ZZJ⁺16, ZDL⁺17, ZZLZ14, ZYZ17,
ZMH19, dSdCF10]. **sturgeon** [DHC16, HMP⁺19b, WAGM17, YWY10].
STWIR [GPD⁺13]. **styles** [BRW⁺12]. **sub**
[BN10, GPK⁺13, KUK11, ZNS⁺18]. **sub-district** [KUK11]. **sub-estuary**
[BN10]. **sub-soil** [GPK⁺13]. **sub-tropical** [ZNS⁺18]. **subalpine**
[ACM15, KKP⁺17]. **subarctic** [KSAS12]. **subject** [SP12]. **subjected**
[PICR13]. **subjects** [RDV⁺17]. **submerged**
[GSQ17, GMLRF10, JDGJ13, LHZ10, McC16, VAO⁺17, XYCZ13].
submodels [LM16]. **suboptimal** [BM10]. **subpopulation** [CD15]. **subset**
[TTL⁺18]. **subsidies** [BEZ19, EZ14, PKT15]. **subsidy** [BKV17]. **Subspaces**
[CVS⁺13]. **subspecies** [AR11]. **substantial** [NZL13]. **subsystem** [TM14].
subtidal [JGB15, WLR⁺11]. **subtropical** [DSS11, DCZ⁺15, HSVL12,
MDL⁺10, WQD⁺13, WWC⁺18, WZD⁺14, WEJ11]. **suburban** [WR13b].
success [CH14, CGM⁺14, DPvBvA11, JMdW⁺10, LSH15, Rin14, SK10].
succession

[Fat16b]. **SVM** [PMS11]. **SVM-based** [PMS11]. **SVMs** [SZSV12b]. **SW**
[RML⁺13, GCK⁺15, RCBPMN10]. **swallowtail** [PZM13]. **swamp**
[Ano12s, HR11, MCW13]. **swamp-dominated** [Ano12s, MCW13]. **swarm**
[LOLA13, PD12]. **SWAT** [KJMA11, KPSC10, MCP16, NKSA13, PMBM11,
SWZ⁺12, SV13, YDZ⁺21, ZCYL15]. **SWAT-based** [SWZ⁺12]. **Sweden**
[NPP⁺18, JL18, JAKJ10, LJBS12, OBLJ13, PMS⁺17, SB15, WFM16].
Swedish [OKS⁺11, OLG⁺13, RJH⁺10, YBA⁺16, YZA⁺18, ZBAY14]. **sweet**
[PGGMMA19]. **swimming** [APWT15, Wil11b]. **Swiss**
[KFvSH15, MLK⁺11, MBW14, PGR⁺16]. **Switching** [WN17]. **Switzerland**
[FRM⁺19, SB15]. **Sylt** [FSB13]. **sylvatic** [LBR16]. **sylvaticus** [LSGT13].
sylvestris [ASV19, THJ⁺12, UDP17]. **symbiosis** [DLZ⁺17, ZZF15].
symbiotic [CLW⁺19, GBR13b]. **symmetric** [dS18]. **symposia**
[LMY⁺11, LYP⁺11]. **Symposium** [FKDG14]. **Syncerus** [MMS12].
synchrony [LS13, Mat13]. **syndrome** [CESC19, RTE⁺15]. **synergies**
[GRRU15, HDL⁺16, MWML13b]. **Synergism** [ZLF14]. **synoptic** [WBG⁺14].
syntax [YJW15]. **Synthesis**
[BCT15, GB16d, HKW⁺18, LMY⁺11, BLOJ19, BCUF16, BCDU16, FB15,
HM17, HPW⁺12, MYJ⁺14, RLB⁺12, YKZZ14]. **Synthesizing**
[Mul11, SFM⁺18]. **synthetic** [FD19]. **syntrophic** [VRC17]. **Syrphidae**
[KTV⁺15]. **Sys** [CDT10]. **System**
[Ano12a, CLBSG11, DCMS18, FCZ13, GEZ⁺13, KAC⁺12a, KAC⁺12b,
KS17a, KS17b, MXC13, PVM12, PVM13, PK12, VGR⁺11, WSW⁺16,
BSFR17, BPK⁺12, CN10a, CC10, CHCC15, CGGL16, CCF13b, CpW16,
CLW⁺19, CAY⁺10, DFW⁺18, FB15, FB13, FDM⁺11, GHS⁺16a, GvdWBS11,
GZVU14, GK14, GOSH⁺12, GCR18, HGSJ15, HWH⁺18, IS13, JA15a,
JMW11, JBW⁺17, JSW⁺13, KSI14, KL10, KTM⁺16, KHHN17, KJS13,
LDM15a, LT15, LWKS10, LDL12, LYCZ11, LOLA13, LFH⁺15, LPD14,
LGDW12, MPM⁺15, MKSL⁺17, MTJF11a, MTJF11b, MWM⁺16, MRG13b,
MGW⁺21, NSIiT17, OCCF17, PBB⁺14, RBM⁺17, RKC⁺15, RP11, SJS⁺13,
SSD⁺17, SBRD10, SG11a, SSM⁺13, SGBG19, SXZ⁺15, TKP14, TAT⁺16b,
THBF⁺17, WAS⁺16, WZWL10, WYY⁺19, WCS⁺14, XCL⁺11, YLC13,
YM21, YSA⁺14, ZYFL10, ZLF⁺11, ZLC13, ZLZS14, ZLF14, ZZF15, ZZJ⁺16,
ZWW⁺18, ZCY⁺19, ZHCX15, ZMH19, AAO10]. **System-of-Systems**
[PK12]. **System-theoretical** [KS17a, KS17b]. **system-wide** [BPK⁺12].
Systematic [YC11, AWL⁺13, MRTW18]. **systemic** [FLLG13]. **Systems**
[ACKS13, BFW14, HKW⁺18, HD14, Pat14a, Pat16b, PF18, PK12, TM14,
Wei19, ALC19, AG15, An12, ALC12, Ana17, AD18, ABAA21, BGMFES15,
BUB⁺12, BFP⁺18, BBHP13, BPR⁺11, BRM⁺14, BLD10b, Bev15, BT16,
BBC⁺19, BK13, CH12, CH19, CBB19, CK12, DG11, Dol10, DH18, Fai10, FR11,
Fat14, FBU14, GPM⁺16a, GSA⁺19, GBP⁺10, GPP⁺19, HBF18, HF14, Ji15,
JZG10, JNF16, KG13, Kei12, KHHN17, KBMM15, LL17, LMT13, LdMS⁺16,
LY11, LTL⁺13, LLW⁺15, LHH12, LCDJ⁺12, MG16, MDJ⁺11, MKSL⁺17,
Mob18, MCPB13, MCB14, MCPB15, Nie16, OC15, OBC⁺21, PTML14, Pat10,
Pat16a, PRP17, PJ15, PFSF14, PDBP11, Rau11, Rem11, RSDP⁺12, RE10,

CHPS17, CdMMF16, CSN$^+$19, Che15b, CSS$^+$16, DBK$^+$13, DVCM$^+$10,
EMH10, FMW$^+$19, FT16, FSM19b, FS18, GRL18, GCM$^+$13, HGPF15,
HM12, LSJG17, LS18, LPV11, LZZW17, MPKC12, MAM$^+$12, MLS$^+$11,
MVC11, MvDL$^+$10, MGB13, MSR$^+$14, MAMNL$^+$15, PDV17, PK14,
PAGCV$^+$10, PKW$^+$10, PSS16, SC18, SAR11, SSY14, SML12, SLLW15,
SED15, SCG$^+$13, TAC$^+$14, TJYZ11, WLY$^+$15, WGTH16, YSA$^+$14, YL18,
ZBMC14, ZLB14, ZWA19, ZF11, ZBSF17, ZR19]. **Temporal-spatial**
[WYY$^+$19]. **temporally** [WGE$^+$19]. **temporally-variable** [WGE$^+$19].
temporary [GEB10, YDT$^+$13]. **Ten** [AW15]. **tendency** [ZLZS14].
Tennenbaum [LTL15]. **tent** [BFA11]. **Tenualosa** [BAA$^+$14, HSCS14].
Term [Ano12a, AB13, ABC$^+$17, BYR18, BUB$^+$12, BLB$^+$17, BSS$^+$14,
CRVS13, DR17, FB15, GV11, GCB$^+$11, HOŠ$^+$12, KAC$^+$12a, KAC$^+$12b,
LBZA19, LDO$^+$18, LAB$^+$10, LBdA$^+$19, MCG19, MP17, Och10, OBC$^+$21,
PWBG16, Pen11, PGKG12, PGZ$^+$19, RUSL19, RTE$^+$15, SVL12, TGM$^+$21,
VG19, VASL$^+$15, WP14, YSA$^+$14, ZJM$^+$11]. **terminology** [AVG14]. **Tern**
[JJKJ11, KK13]. **terns** [GQNMR18]. **Terraced** [BC11]. **terrain**
[BS17, TKN14]. **Terrarana** [PMF$^+$13]. **Terrestrial**
[HPW$^+$12, BBL$^+$17, HKVR13, HBA16a, JWX18, LLY$^+$13, LXS$^+$16, MV11,
MLH$^+$17, OC15, PD15, San17, SHC$^+$15, SLMS14, TLL$^+$15, TRE$^+$12,
UDNSLC$^+$18, Wan19, YFC$^+$11, ZZFH15, ZZLZ14, ZJP$^+$11]. **terrestris**
[GGTP$^+$17]. **territorial** [LB15, MCB14]. **territories** [VC17b]. **territory**
[CLBG15, RAR15]. **Test** [DHC16, AHM$^+$16b, FAPM12, Gav15, LWKS10,
MBUM12, PGR$^+$16, PLHG14, WR18]. **test-bed** [MBUM12]. **testable**
[LJ15a]. **tested** [For18b, SG11a]. **Testing** [Ano12a, FLLG13, GAV$^+$11,
HM10, LRB12, MHTC15, MSR$^+$14, NBK$^+$11, RGHS11, SGBD10, SSK14,
AAJB21, AD12, GMS11, GAF$^+$14, HKW$^+$18, HHvO$^+$17, KK13, KJMA11,
KAC$^+$12a, KAC$^+$12b, KCB$^+$17, PWBG16, THO10b, VHM$^+$17, MPT$^+$11].
Tetranychidae [dOMZ13]. **Tetranychus** [dOMZ13]. **Tetrax** [SSQ$^+$10].
Texas [GRB12, KM12b, WTG$^+$16]. **Thailand** [LDP14]. **their**
[BDL$^+$14, BSFR17, BLD10b, BF11, BV15, BvHR$^+$15, CAMNN16, CLDRJ18,
CGP12, DF13, FH11, FCA18, FKK$^+$18, GLR$^+$19, GHS$^+$10, Hu16, IWW12,
KBC$^+$12, MCT10, Mar17, OLG$^+$13, RRH$^+$19, SBR$^+$19, SCHGM16, Sil11,
STD15, Tie16, WAS$^+$16, WSZT10, WYY$^+$19, WNF$^+$15, XTLM15].
thematic [Ano11-38, Jør10a]. **theme** [ZNS$^+$18]. **theorem** [MRES17].
theoretic [Che10, CB15, GKL18, MRM16, RBRK16, URR$^+$17]. **Theoretical**
[LJ15a, Oga11, VGR$^+$11, VWTA16, DMH17, HB15, HWL17, KS17a, KS17b,
LR16, MPT$^+$11, MN12, RvS16, RHR$^+$15c, YLW14, YL18]. **Theories**
[BCT15, MTA19, SBVA$^+$13]. **Theory** [KJMA11, KB11, NSN17, AG15,
AG14, AAW$^+$15, BMF$^+$11a, BMF$^+$11b, BR16, BGG16a, Che16, CPAG15,
DMDJ13, ETG$^+$18, Els10, For18b, FPG11, GB16c, HLL$^+$19, HB12, IKH$^+$11,
Jen12, KA17, KP13, Log13b, LBGM19, MPT$^+$11, MCB14, OBSL15, Pat16a,
PHP$^+$14, POB18, PMRGF10, PZM13, PVB16, RHQ$^+$16, TLW$^+$14, VBS14,
WCF$^+$16, WLZC11, XZZ$^+$13, YXZ$^+$21, YZLX14, ZH13]. **there** [PMH17].
thermal [FSV$^+$12, HSR$^+$15, MPT$^+$11, RMvW13, SBRD10, ZZZW15].

training [RFV$^+$12]. **Trait** [GDTP13, ZMS19, CVS$^+$13, KCG18, LJ15a,
PBD19, PLL$^+$19, RPM13, SJGB16]. **Trait-based**
[ZMS19, CVS$^+$13, KCG18, LJ15a, PLL$^+$19, SJGB16]. **trait-structured**
[RPM13]. **Traits** [GANB11, AWWD16, CDT10, DJH10, FL11, GDC11,
GDC12, GEEC14, GPH17, HW12, HGAT17, KSI14, KAF$^+$14, MJL$^+$17,
RKBG14, RDH$^+$13, SMG$^+$12, TKW17, TM12, TM18, XKI$^+$11].
traits-based [GEEC14]. **Traitspace** [LJ15a]. **trajectories**
[Bus17, GHST19, POB18, WB10]. **trajectory** [BTBM17]. **Trans**
[YCF15, HRSKW15, RXSK14]. **Trans-boundary** [YCF15, HRSKW15].
Trans-Himalayan [RXSK14]. **Transcarpathian** [HOŠ$^+$12]. **transfer**
[BBDB13, DBP16, GSPSP15, GGR$^+$13]. **Transferability**
[BRV11, DLvGGNC16, FHAG12, LPT$^+$18, MAMNL$^+$15, WZL$^+$16].
transferring [AGQP$^+$14]. **transformation**
[Abe15, BP15, MNEG11, MB17, PRHK19, SAAD16, ZFT$^+$10, ZJB19].
transformations [BP15, BP16, BP19, Fat14]. **Transforming** [KHHN17].
transformities [Abe10, LLCR10, Pat14b]. **Transformity**
[Til15, CXL$^+$19, GDC$^+$19, LB18b]. **transgene** [GDT$^+$14]. **transgenic**
[TWL11]. **transience** [GvdWBS11]. **Transient**
[CGAB17, MM19, Sin17, PP16, WAM13]. **Transition**
[NSN17, Bae18, BCV13, BH13a, BH13b, DBG14b, DBG14a, FLY13, FDR$^+$17,
For11, IKK$^+$12, KP13, KF16, NF11, Phi11, SHBG10, VSF10, YZ18].
transitional [QCLW18]. **transitions**
[GPM$^+$16a, GVV17, JDZC14, PMTKC17, RWFD13, dAdSC15, vLTdBP16].
translocation [HBT$^+$18, TL15]. **transmission**
[BSCG10, FBB$^+$18, HJ10a, HTVE18, POS$^+$19, PMP$^+$13, SSQ$^+$10].
transmitted [BGG$^+$16b]. **transmitter** [PR13]. **transparency** [SAI10].
transpiration [MEC14]. **Transport**
[NSN17, ABR12b, ABR12c, BKN14, BWA17, CNI11, CGG$^+$18, GJM$^+$13,
GPD$^+$13, JA15b, LZYH19, MK14, MWM$^+$16, MCMT$^+$16, OdlFDP15,
QDH$^+$10, SH14, SEHD18, WFW$^+$17, ZSG$^+$18]. **transported** [BEZ19]. **trap**
[CGB$^+$13]. **trap-effects** [CGB$^+$13]. **trapping** [CGS$^+$17]. **Träsk** [WFM16].
traveled [RDJ19]. **trawlers** [RPP$^+$15]. **trawling**
[ADL$^+$10, DLH$^+$14, TSN17]. **treatment**
[MXC13, Mur11, SWZ$^+$13, TA11, YqWB$^+$15, ZF11]. **treatment-resistant**
[Mur11]. **treatments** [DAA$^+$12]. **Trebonsko** [HV15]. **Tree**
[MBHW12, AK17, BlMG$^+$11, BBL$^+$17, BFNH14, BFH14, CHG$^+$15, CRD$^+$16,
CLBSG11, CW11, DAF$^+$11, DFRT14, EFM$^+$10, EKB18, FAS$^+$19, FMF12,
FCV$^+$12, GHST19, GVGZ$^+$21, GLR$^+$19, GGSP14, GBP$^+$10, GHS$^+$10,
GOSH$^+$12, GCIB10, HMP19a, HHW11, KAF$^+$14, KHS$^+$19, KGD14,
KPK$^+$17, KR14, LBZA19, LHP16, LS10, LL18a, MBG$^+$10, MK12,
MWML13b, MdMS$^+$19, NZL13, NLMdL10, NMS10, NP15, NPH$^+$17,
OBLJ13, OJ15, PR11, PMS11, RFZB12, SZSV13, SVH$^+$19, SFL$^+$19, SNZ$^+$19,
TCSG15, TKH17, TYEH10, WK11, YLL$^+$17, dJGM$^+$18]. **tree-** [FAS$^+$19].
tree-grass [YLL$^+$17]. **tree-ring** [EFM$^+$10, MK12]. **Treefrog** [ACC$^+$10].

Treeline [KWJH16, MU17]. **Trees**
[AWWD16, DHC14, DSK⁺11, DTS⁺12, EBL⁺11, Gav15, KKR19, KMM⁺13,
LKDD15, MROGVR12, MCS⁺18, PVL⁺14, SZSV12a, SH14, VCSSC12].
trembling [ARM⁺12]. **tremuloides** [ARM⁺12]. **trend**
[Hui11, LZ10, RDD⁺18, WJvdL⁺13, YYL13]. **trends**
[CHR⁺13, CL15b, JMSM12, LMSK12, LW17, PAS⁺10, RKRB16]. **Tri**
[BPT⁺19, CH19, SFHK12]. **Tri-Annotated** [BPT⁺19]. **tri-trophic**
[CH19, SFHK12]. **trial** [JAKJ10]. **tributary** [MLW⁺15]. **trichotoma**
[JBB⁺11]. **tridentata** [SLB14]. **trip** [VRM⁺10]. **tripartita** [DZS12].
TRIPLEX [WPZ⁺11, ZXD⁺13]. **TRIPLEX-Management** [WPZ⁺11].
TRITON [MJL⁺14, MJL⁺13]. **tritrophic** [BWH13]. **Trophic**
[BSASSJ⁺13, BPGSS⁺18, CD17, GAV⁺11, LBD10, MDL⁺10, URUNAM12,
ZRCNLI⁺15, AS14, Ban11, BFP⁺18, BS10b, CH19, CGEdM12, DATI10,
DLH⁺14, DUASLB⁺12, DBVS19, DCZ⁺15, ELPK12, ESLJ18, FAMD⁺12,
FE14b, FSML11, GLS10a, GDTP13, HKL⁺11, JTB⁺19, JHH⁺12, mLcLJ15,
mLcLJ16, LVV⁺15, MTZ⁺10, OBC⁺21, Pea15, RHR⁺15b, RDR⁺17, SB11,
SLW⁺14, SFHK12, SS11, SPP18, TW18, TNHB12, TAR13, TTCC⁺19, ZB15].
trophodynamic [RDD⁺17, VPB⁺17]. **Trophodynamics**
[GPR⁺13, VASL⁺15]. **Tropical** [FAC⁺19a, BBRJ15, Bre12, CPR10,
CGGL16, DH12, FSML11, FBH⁺14, FBdP⁺16, GHST19, Gat18, GGTP⁺17,
GANB11, HBG⁺16, KK12b, LS10, LCZ11, LYL⁺17, LCDJ⁺12, NCEGB16,
PDD⁺18, PTE⁺12, PMS11, PMBB⁺16, PGA⁺11, SBRD10, SLZ⁺13, TDH12,
VRC17, VRL18, ZNS⁺18, AH17]. **tropics** [SV13]. **trout**
[ARV⁺16, CSR15, FB13, KGM12, MMMGLN⁺18]. **truncatus**
[BWC17, MMCBP19]. **trutta** [CSR15, MMMGLN⁺18]. **TSD** [PL10a].
tsetse [LDM15b, Pec12]. **TSPM** [YCF15]. **Tuber** [YKL⁺12]. **tuberculata**
[RPA12]. **tuberosum** [KYvdPS14]. **Tucuruí** [DBK⁺13]. **tuna**
[DFM12a, DFM12b, MROGVR12, PAGCV⁺10]. **tunas** [FE14a]. **tundra**
[WR18]. **tuning** [AG11, NYIH17, SMI⁺19]. **Tunisia** [HBS⁺16a]. **turbid**
[MJB⁺11a]. **turbidity** [LBE⁺17]. **turbines** [KHKC⁺18]. **TurbSeed**
[HRWT12]. **turbulence** [YLC⁺18]. **turbulent** [HRWT12]. **turfgrass**
[MKTO19]. **Turing** [FR11]. **Turkey** [KAF⁺14]. **turn** [Ber13]. **turnover**
[JDGJ13, LW17, MCR⁺15, SKK⁺13]. **Tursiops** [BWC17, MMCBP19].
turtle [HGWL11, HVL⁺19, KWGG19, PL10a, PRH17]. **turtles**
[AB13, DBP16, FP13, MJL⁺17, PP19, WHRR15]. **Tuscany**
[MJP⁺12, MCBM12, MCPB15]. **Tuta** [RSCS19]. **Two**
[FDHL17, MCT10, MPF⁺14, YWY10, AR11, AHM⁺16a, BVC⁺18, BND19,
BMCG12, CLL14, CSN⁺19, CRA⁺11, CCL⁺13, DZS12, FMBD15, FSM⁺19a,
FAPM12, GTC16, GBP⁺10, qHLlZ⁺16, HB14, HQF⁺17, JAH⁺10, JGB15,
KSM⁺18, KPS19, KR14, KRCVF16, LDM15a, LkSXhX17, LZJ⁺19, MJLC14,
OCB⁺13, OLG⁺13, PKG16, PDBP11, RBM⁺17, RW17, Rin18, RDH⁺13,
SELB10, SFR⁺17, SRV⁺12, SFHK12, TKP14, Tul14, WBS13, WJL14,
WCZ11, YHW⁺12, ZMS19, ZW11, ZJM⁺11, ZSJ15, dHR18, Kal19].
Two-dimensional [YWY10, AHM⁺16a, LkSXhX17]. **two-layered**

[JJYM19, DWNN10, DVF$^+$19, PSBH16, dFMdSA18, KH11]. **Uppsala**
[NPP$^+$18]. **Upscaling** [NPH$^+$17, GWC$^+$10, MGS16]. **upstream**
[MWK19, YXD$^+$18, ZVS18]. **uptake** [AJDS16, HCL$^+$14, LNB17, LPD14,
LB18a, MCH15, MBW14, NP15, NPH$^+$17, SAAD16, VRL14, ZLFI11].
upwelling [BCO17, OCCF17, RWP11, RBGB16]. **Urban**
[CL15a, HLW15, NLM$^+$19, Wei19, ZF19, ACC$^+$10, Ano12t, BLOJ$^+$19,
CWLL15, Che15a, DLZ$^+$17, DLD$^+$11, DWP13, EBA$^+$19, ESP$^+$17, FKWZ19,
FDR$^+$17, FCZ13, GWHL15, GCV14, GWZ$^+$15, GLI$^+$21, Hal11, HCM$^+$15,
HJ17, HZZ$^+$18, HM18b, IBD$^+$19, Ji15, JZG10, JMW11, JC11a, JDT$^+$17,
KRE$^+$18, LRM$^+$14, LkSXhX17, LYSW15, LHL18, LWTZ18, LYCZ11, LYCZ13,
LCP14, LYCU14, LL18b, MD16, MGR$^+$18, MJLC14, MGS15, mNkGyT$^+$17,
TJYZ11, WZG15, WFM16, XHC$^+$15, XZSL17, XJY$^+$16, YKZZ14, YCF15,
YZPL16, ZYFL10, ZLF$^+$11, ZYLY11, ZLC13, ZWG$^+$13, ZLF14, ZLF$^+$15,
ZLFZ16, ZLZ17b, ZWF18, ZTL$^+$17, ZHCX15, ZMH19, MSS$^+$19].
urban-rural [MJLC14]. **Urbanization**
[YWH15, CLHH19, LLQ$^+$15, TLL$^+$15, TOQW11, ZWG$^+$17, ZSKI17].
urbanized [SDY$^+$15]. **urbanizing** [LSZC10, WZG15]. **urchin** [RCP17].
urea [VRL14]. **urease** [TB19]. **ursinus** [ZKSF17]. **Ursus**
[DFK$^+$11, MSH$^+$19]. **urticae** [dOMZ13]. **Uruguay** [dFMdSA18]. **USA**
[BN10, Jør14a, CPS15, DVF$^+$19, DLH$^+$14, DWP11, FP17, FYWA12,
FWRZ10, HSTS19, JMB$^+$11, KB10, KBS$^+$15, KPT11, KMP14, LdMS$^+$16,
LXS$^+$16, MSB$^+$17, MR17, MJLC14, OC15, PANL11, RR10, SHX$^+$12,
SGDP19, TOQW11, WMW$^+$12, WTG$^+$16, WTC$^+$18, WPB14, ZF11]. **Use**
[BVC$^+$18, BFJL15, CCC12, JN14, LM12, LCD$^+$16, LSJG17, MGGLBIBD13,
SZSV12b, TF13, ZSG12, BSC$^+$15a, BPR$^+$11, BPC$^+$17, BKMK10, BK13,
CLH17, CZ11, CC11, CPS$^+$14, DK17, DMB$^+$18, DSM$^+$12, DPLC13,
DGKSM13, DSA$^+$18, ER13, Fel12, FCFT16, GAP$^+$19, GK14, GMP13,
GFP$^+$16, GLI$^+$21, GS19c, HLZ$^+$18, HHL17, Hoa11, HNWT10, IKH$^+$11,
JBV$^+$15, JJYM19, KMRW16, LBA14, LBA15, LBE$^+$18, LY11, LCL$^+$13,
LBK$^+$13, LWL$^+$17b, LLZ12, LOLA13, LZZW17, LBC$^+$15, LCDJ$^+$12,
MVC$^+$17, MDOJ14, MLG$^+$18b, Oga11, PR13, PK16, RLHD11, SJGB16,
SGA$^+$16, SDD$^+$13, SMH$^+$12, SLH$^+$11, SRTS18, SWR$^+$16, SDY$^+$15, TBL$^+$15,
TB19, VR12, VGR$^+$11, WHB12, WO14, WBG$^+$14, WS15, WSE10, WHNR19,
WFM16, XLS11, XLR11, YWH15, YZL12, YLW14, YZC14, YXD$^+$18,
ZFT$^+$10, ZZFH15, ZZJ$^+$16, ZJP$^+$11, dFMdSA18, dLB19, dSD14, vDSC$^+$10,
vVBHZ11, vVHZHvD13]. **use/cover** [LWL$^+$17b]. **use/land**
[ADF$^+$17, XLR11]. **useable** [Ken17]. **used** [BTM$^+$10, CD16, CBA16,
FML$^+$17, GWR11, HM17, Löp11, MBLC14, RPGSCF16]. **useful**
[MTA19, PVB16, QL15, SBD$^+$19]. **usefulness** [HJN12]. **users** [CBC$^+$16].
uses [WXB10, ZQC15]. **Using**
[ARM$^+$12, BS10c, CDR$^+$13, CPD$^+$11, CMGF14, DTS$^+$12, DLH$^+$14, DDR$^+$18,
EBL$^+$11, FRV$^+$16, FCLFB18, FCFT16, Fre16, FP13, HAOS17, JBE$^+$15,
JGX13, KGM12, KHHN17, KKI$^+$14, LSR16, LQW$^+$19, LL18b, MTZ$^+$10,
MV11, MU10, MDH15, MCPB13, MCMT$^+$16, NSN17, OOFVBC16, RM13,

SEHD18, SGRAdJ17, TPG14, TNHB12, Tul14, VSF10, WLY⁺15, WV12,
ZSG⁺18, dMLM⁺17, AGJ⁺12, ABB⁺10, AAO10, AS11, AYASR⁺17, Ana17,
AHNK13, AHS⁺16, AAFH15, BDL⁺13, BHD16, BCB⁺11, BB10, BC12,
BLBB13, BSH17, BBL⁺17, BT16, BFNH14, BBGJ13, BMCG12, BPC⁺17,
BJR16, dÁGP14, BB18, BQF⁺18, BBH⁺17, BK13, BLAV18, BPD⁺19,
BRB14, BLCPB11, CF14, CLBG15, CC10, CBGK15, CZ11, COPP13, CN11,
CMA⁺13, COK⁺11, CGAB17, CAMNN16, CAY⁺10, CTMS10, CDL⁺11,
CBP⁺17, CVG⁺15, Con14, CSFR15, CRQW18, DJT⁺19, DSK⁺11]. **using**
[DMDJ13, DSM⁺12, DS21, DBP16, DG16, ETG⁺18, EST⁺19, FTK⁺14,
FSB13, FLH17, FIG⁺10, FT16, FAPM12, FMLM11, FBKS17, GCDA16,
GWHL15, GGV10, GKF⁺14, GPCG15, GE17, GOSH⁺12, GAF⁺14,
GNB⁺14, GHS⁺16b, GCW⁺16, GCvDM12, HHC⁺13, HBS⁺16a, HCW⁺17,
HPJ15, HVL⁺19, HSK17, HMS⁺11, HS11, HTL⁺14, HCL⁺14, HJS⁺16,
HSHF⁺13, HHC15, HVCP16, HMA10b, HWL17, HNWT10, HGLZ13,
HBA16a, HBA16b, HAA⁺21, HT14, IPSH14, IT17, JVY19, JR16, JG10,
JHH⁺12, JFS⁺12, JMdW⁺10, JDP⁺12, KSS11, KW18, KCF⁺13, KSZW16,
KKL⁺12, KPM⁺14, KLS17, KC18, LRZ12, LCCL15, LJ15b, LJ15c, LLKY18,
LWY⁺11, LPV11, LLC11, LVZ⁺11, LPX⁺12, LLP17, LAK⁺18, LCMG18,
LRB12, MK13, MLK⁺11, MAO19, MYHN17, MMS12, MKSL⁺17, MK12,
MJLC14, MBM⁺18, MJF19, MRR⁺14, MSHC13, MdMS⁺19, MAMNL⁺15,
MDVG⁺15, MSO10, MCP16, NP18, NOOM⁺16, NMS⁺14, NB11, NNP19].
using [NiSK21, NJCF11, OKS⁺11, PSB⁺17, PC17, PMS⁺17, Pat12,
PWGS⁺17, PD15, Pér18, PWP⁺19, PMRGF10, PKW⁺10, PvVC13, PICR13,
PSS16, PSKO16, Qia12, RVL⁺18, RPSA12, RvS16, RWS⁺16, RGHS11,
RAR15, RBRK16, SCB13, SZV14, San17, SNS⁺12, SHT⁺21, SMI⁺19, SØB14,
SHM⁺14, SCHGM16, SDEP18, SBC⁺15, SGP18, SSM⁺13, SFB⁺15, SM14,
SSW⁺18, SGKR10, TSN17, TKW17, TB11, TB12a, TCSG15, TQZ12,
URUNAM12, VRM⁺10, VALC12, VB10, VASH⁺16, WDL⁺15, WTWS19,
WLR⁺11, WFA⁺13, WBG⁺14, WGD⁺17, WCG⁺11, Wil11a, WKH19, WX11,
XZCL16, YKL⁺12, YKZZ14, YLF⁺15, YZPL16, YRGH16, YHW⁺12,
YLL⁺12, ZLY16, ZH11, ZZJ⁺16, ZZ17, ZCS13, ZZT13, ZHLZ17, ZSKI17,
dJHMS19, dMSL⁺16, vdKGV11, vdVBJS15]. **utility**
[AMH16, KA17, LYCZ11, TWP⁺14]. **Utilization** [BRL12, BFKS16]. **UV**
[MRCW10]. **UVAFME** [WSL17]. **UVAFME-VOC** [WSL17].

v.2 [SGB10]. **v1.0** [WSL17]. **VA** [JMB⁺11]. **vaccination** [CESC19, SM11].
Vaccinium [BHD17]. **valid** [LM16]. **validate** [DLH⁺14]. **validated**
[ASV19, MCH15, TWL11]. **Validating** [CVPR⁺16, DFRT14, PWK⁺17].
Validation [BBL⁺17, BH10, FSS⁺17, HGN⁺16, KCF17, KCF18, NB11,
OCCF17, AVG14, BlMG⁺11, BRM⁺14, HD16, HKlL14, HSVL12, JSdSdL⁺18,
KHW⁺16, KSAS12, KHW⁺17, MJL⁺13, MJL⁺14, MPL⁺16, NGWZ16,
OGOWW16, RWP11, SW11, SM13, WB10]. **validity** [KRL11]. **Vallès**
[GPM⁺16a]. **Valley** [FCFT16, TW18, MMS12]. **valuable**
[FMBD15, GWR11]. **valuation** [LLZ12]. **value** [BFPR16, BvHR⁺15,

[BM16, OAPP12, XHC$^+$15, BVJE18, BP16, BP17, GC14, LY16, MPM$^+$15, MUP$^+$13, MB17, MN12, SAI10]. **vertically** [BBH$^+$11, For14, LKLK15]. **very** [FRM$^+$19, LAC10, YHS$^+$11]. **vessel** [DMH17, WB10]. **vessels** [AWF10]. **VGEs** [ZCL$^+$16]. **via** [BA17, IHSM12, Jag14, VHM$^+$17, dSdCF10]. **Viability** [KCKdOW12, WAM13, CJM$^+$12, HCW$^+$17, KKR19, LN16, MCRB17, MSB$^+$17, MATS14, RJG$^+$13, ROG$^+$16, TWS$^+$11, WAGM17]. **viable** [VEK12]. **Victoria** [LWNG13, NOOM$^+$16, ZDG$^+$13]. **victoriae** [AR11]. **view** [DPR10, DUASLB$^+$12]. **viewpoint** [AG15]. **villages** [BMMC21, FMBD15]. **vine** [Gat18]. **vineyard** [Pie10a]. **Viral** [KGM12]. **Virgin** [CNI11, EKB18, MRG13a]. **virginianus** [WTG$^+$16]. **virginica** [LLC$^+$17]. **viridana** [KSS11]. **virtual** [BGGL16, HKVD16, OMH12, PC17, SDEP18, ZCL$^+$16]. **virtually** [Bin17]. **virus** [FBB$^+$18]. **Viruses** [KGM12]. **vis** [RSCS19]. **vis-à-vis** [RSCS19]. **vision** [GAB12]. **visitation** [OBSL15]. **visitations** [RW10]. **visited** [BRL12]. **visual** [FYR$^+$18, PC17, PC15]. **Visualization** [FKDG14, SSM$^+$13]. **vital** [DCCS17, PRL$^+$13]. **vitellogenin** [MPK18]. **VMS** [JBCN11, VRM$^+$10, WB10]. **VOC** [WSL17]. **volatile** [WSL17]. **volatility** [LW17, MDB19]. **Volterra** [For18a, GvdWBS11, TSM$^+$15, WSSM15]. **volume** [DBP16, PDD$^+$18]. **volumetric** [LKP13]. **voluntary** [BA17]. **volunteer** [MGSB11]. **Voronoi** [SvdR10]. **vs** [BVVS15, BOW$^+$12, BRF$^+$11, Con11, Con12, Gra14, KWH14, LTL15, LM19, Log19a, MWK19, OOFVBC16, Pér18, RHS$^+$15, RHD$^+$16, Ten15b, TS11]. **vulgaris** [CDT10, CDT10, FLLB11]. **vulnerability** [ASP$^+$15, CLH17, CW11, RCSS13, Sol19, SCBH18, SH18, ZLZ$^+$17a]. **vulnerable** [CHTC11, CSFR15, IPSH14, ZZA$^+$18].

W2 [ZSJ15]. **WA** [KR10a]. **Wabash** [MCP16]. **wader** [SDT10]. **wahoo** [MROGVR12]. **walk** [PvVC15, PPBD13, SA16]. **Walker** [PvVC13]. **warbler** [DHS$^+$16]. **warm** [GSF$^+$16, CBB$^+$10]. **warm-water** [GSF$^+$16]. **warming** [BH13a, BSH17, BSHG16, CSR15, CN13, DBS18, FAS$^+$19, GLR$^+$19, GHP12, Gra14, HHK19, HEJP17, KTK$^+$15, NGL13, OQH$^+$13, VPS10, ZJL$^+$14]. **warning** [Bae18, LSZC10, OFGH$^+$19]. **wars** [MR10]. **Was** [BPB14]. **Washington** [PAB13a]. **wasp** [GPTR13, PFP$^+$16]. **wasps** [SFHK12]. **waste** [GRRU15, KS18, MWM$^+$16, PAGCV$^+$10, RPC$^+$17, XZCL16, ZHCX15]. **wasteland** [Ber13, WWYO17]. **wastewater** [BKN14, dABLBAdOR17, GJÁ$^+$10, PLFO$^+$12, SWZ$^+$13]. **wasting** [HMPC11, PMP$^+$13]. **watching** [RIMPBT19]. **Water** [Jam16, Ju19, KS17a, KS17b, LZJ$^+$19, MOMC17, Mur12, NGGFM19, PRHK19, WRMB18, XYTS19, YZPL16, BA14a, BAB$^+$16, BC13, BT16, BDTV11, BKB10, BvBB10, BMU10, CZC$^+$15, CW17, CHR$^+$13, CZ11, CSR15, CN13, CDG15, DC10, DBG14b, DSS11, ER13, FKWZ19, Fel12, FCH$^+$17, FP17, FLB$^+$15, FAC$^+$19a, GSF$^+$16, mGZK$^+$10, GA15, GPCG15, GMP13, GWK$^+$12, GS10, GCL$^+$19, GEB10, HKL$^+$11, HCM$^+$15, HLZ$^+$18, HCL$^+$14, HV12, HGBA$^+$13, HC11, HhLY$^+$19, HBA16a, HBA16b, HYL$^+$17,

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Yang [XWW$^+$11]. **Yangtze** [GWZ$^+$15, GLS$^+$17, GYL$^+$13, MCL$^+$17, TJYZ11, WSW$^+$13]. **Yasso07** [DFRT14]. **year** [BGGL16, GZK$^+$11, qHLlZ$^+$16, LJ13, NB11]. **years** [Ano17a, CVV$^+$13, CHK$^+$12, GAC$^+$14, JASW18, LBC$^+$15, NJCF11, VASH$^+$16, ZKSF17]. **Yellow** [DSW$^+$17, JHHS17, LLM$^+$13, LC11, XLS11, YYL13, Yan11]. **yellow-billed** [JHHS17]. **yellowfin** [KHW$^+$16]. **yerba** [GCR18, MRB14]. **yerba-mate** [GCR18, MRB14]. **yield** [BDL$^+$14, BS13, FYWA12, KG13, KYvdPS14, LG10, LKG10, LG12, LZZ$^+$14, MCBM12, SX11, Tat16a, Til15, VZF$^+$11, WC19, XBvdV$^+$14, ZCS13, GBP$^+$10]. **Yield-SAFE** [GBP$^+$10]. **yields** [AVL$^+$11, For18a, IGBSASSJ16, Pog11, PPDF14, SKM$^+$16]. **Yinma** [ZLZ$^+$17a]. **yolk** [JNHF18]. **yolk-feeding** [JNHF18]. **York** [HSR$^+$15, WGD$^+$17, NJCF11]. **youngest** [VVH12]. **Yser** [BVP$^+$13]. **Yuan** [WhFxGZ16]. **Yushania** [RBRK16, SGP18]. **YY** [EEB$^+$17]. **YY-males** [EEB$^+$17].

Zambezi [MMS12]. **Zealand** [JBB$^+$11, MP17, PNHL14, PKD11, RFV$^+$12]. **Zebra** [CPS15, Lin15b, KVP16]. **Zebrafish** [KNU$^+$15, HTL$^+$14, LLC11]. **ZELIG** [LAD11]. **ZELIG-CFS** [LAD11]. **zero** [CMT$^+$11, LBE$^+$13, LJ15c]. **zero-inflated** [CMT$^+$11, LBE$^+$13, LJ15c]. **Zhangziying** [LLW$^+$15]. **Zika** [ZYXT18]. **Zoige** [MLB$^+$16]. **Zone** [SPM$^+$18, SEHD18, TZS$^+$14, BH13a, BH13b, CL15b, DBG14b, DBG14a, DWP16, LSR13, OQH$^+$13, PVBC14, QCLW18, UDRA13, WCZ11, ZSKI17]. **zones** [Ber13, DBG14b, DBG14a, FLY13, LLQ$^+$15, OTA16, RV13]. **zoning** [LLP17]. **zoonotic** [MC11]. **zooplankton** [CRUF13, CN10b, JA15a, MF12, PAB13a, QDH$^+$10, SAI10, TM18, TBM$^+$14]. **zooxan-**

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Anonymous:2018:PDa

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Anonymous:2018:PJa

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