

## Species list

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Granuloreticulosa, Foraminifera, Allogromida, Arboramininidae	<i>Luffamina atlantica</i> KAMENSKAYA, BAGIROV & SIMDIANOV, 2002	MAR: RB	32
Granuloreticulosa, Foraminifera, Textulariida, Remaneicidae	<i>Abyssostherma pacifica</i> BRÖNNIMANN, VAN DOVER & WHITTAKER, 1989	EPR: 21°N, 9°N	33
Porifera, Demospongiae, Poecilosclerida, Cladorhizidae	<i>Abyssocladia dominalba</i> VACELET, in press	NFiji: WL	37
Porifera, Demospongiae, Poecilosclerida, Cladorhizidae	<i>Abyssocladia naudur</i> VACELET, in press	EPR: 17°S	38
Porifera, Demospongiae, Poecilosclerida, Cladorhizidae	<i>Asbestopluma agglutinans</i> VACELET, in press	EPR: 14°S, 18°S	39
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Porifera, Demospongiae, Poecilosclerida, Cladorhizidae	<i>Asbestopluma pennatula</i> (SCHMIDT, 1875)	MAR: LS; non-vent locations	41
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Porifera, Demospongiae, Poecilosclerida, Cladorhizidae	<i>Cladorhiza abyssicola</i> G.O. SARS, 1872	MAR: LO non-vent locations	44
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Porifera, Demospongiae, Poecilosclerida, Cladorhizidae	<i>Euchelipluma pristina</i> TOPSENT, 1909	MAR: LS, RB	46
Porifera, Hexactinella, Lyssacinosida, Caulophacidae	<i>Caulophacus cyanae</i> BOURY-ESNAULT & DE Vos, 1988	EPR: 13°N	47
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Cnidaria, Hydrozoa, Anthoathecata, Candelabridae	<i>Candelabrum serpentarii</i> SEGONZAC & VERVOORT, 1995	MAR: SP	50
Cnidaria, Hydrozoa, Anthoathecata, Eudendriidae	<i>Eudendrium planum</i> BONNEVIE, 1898	MAR: LO, LS; non-vent locations	51
Cnidaria, Hydrozoa, Anthoathecata, Tubulariidae	<i>Ectopleura larynx</i> ELLIS & SOLANDER, 1786	MAR: MG; non-vent locations	52
Cnidaria, Hydrozoa, Leptothecata, Halopterididae	<i>Polyplumaria flabellata</i> G.O. SARS, 1874	MAR: MG; non-vent locations	53
Cnidaria, Hydrozoa, Leptothecata, Hebellidae	<i>Halisiphonia arctica</i> KRAMP, 1932	MAR: LO	54
Cnidaria, Hydrozoa, Leptothecata, Lafoeidae	<i>Grammaria abietina</i> SARS M., 1850	MAR: MG; non-vent locations	55
Cnidaria, Hydrozoa, Leptothecata, Lafoeidae	<i>Lafoea dumosa</i> FLEMING, 1820	MAR: RB; non-vent locations	56
Cnidaria, Hydrozoa, Leptothecata, Lafoeidae	<i>Zygophylax echinata</i> CALDER & VERVOORT, 1998	MAR: MG	57
Cnidaria, Hydrozoa, Leptothecata, Lafoeidae	<i>Zygophylax leloupi</i> RAMIL & VERVOORT, 1992	MAR: RB; non-vent locations	58
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Cnidaria, Anthozoa, Actinaria, Actinostolidae	<i>Maractis rimirivora</i> FAUTIN & BARBER, 1999	MAR: A1, SP, TAG	68
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Cnidaria, Anthozoa, Actinaria, Boloceroididae	<i>Boloceroides daphneae</i> DALY, in press	EPR: 9°N-23°S; PAR: 32°S	72
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Mollusca, Gastropoda, Vetigastropoda, Sutilizonidae	<i>Sutilizona tunnicliffae</i> WARÉN & BOUCHET, 2001	JFR: ES	98
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Mollusca, Gastropoda, Vetigastropoda, Trochidae	<i>Bathymargarites symplector</i> WARÉN & BOUCHET, 1989	EPR: 13°N, 21°S	101
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Arthropoda, Crustacea, Decapoda, Alvinocarididae	<i>Rimicaris exoculata</i> WILLIAMS & RONA, 1986	MAR: LS, RB, SP, TAG	428
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Arthropoda, Crustacea, Decapoda, Alvinocarididae	<i>Shinkaicaris leurokolos</i> (KIKUCHI & HASHIMOTO, 2000)	Okinawa T: MEK	430
Arthropoda, Crustacea, Decapoda, Hippolytidae	<i>Lebbeus carinatus</i> DE SAINT LAURENT, 1984	EPR: 13°N	431
Arthropoda, Crustacea, Decapoda, Nephropidae	<i>Thymopides laurentae</i> SEGONZAC & MACPHERSON, 2004	MAR: SP	433
Arthropoda, Crustacea, Decapoda, Parapaguridae	<i>Paragiopagurus ventrilatus</i> LEMAITRE, 2004	Okinawa A: NET	435
Arthropoda, Crustacea, Decapoda, Lithodidae	<i>Paralomis hirtella</i> DE SAIN LAURENT & MACPHERSON, 1997	Lau: HH; NFiji: WL	436
Arthropoda, Crustacea, Decapoda, Lithodidae	<i>Paralomis verrilli</i> (BENEDICT, 1895)	JFR: AV; non-vent locations	437
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munida magniantennulata</i> BABA & TÜRKAY, 1992	Lau: HH	438
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis acutispina</i> BENEDICT, 1902	MAR: LC; non-vent locations	439
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis alvisca</i> WILLIAMS, 1988	Explorer: MM; Guaymas; JFR	440
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis diomedea</i> (FAXON, 1893)	EPR	441
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis exuta</i> MACPHERSON & SEGONZAC, 2005	MAR: SP, TAG	442
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis laevis</i> BABA & DE SAINT LAURENT, 1992	Lau: VF, HH; NFiji: WL	443
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis lentigo</i> WILLIAMS & VAN DOVER, 1983	EPR: 21°N	444
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis marianica</i> WILLIAMS & BABA, 1989	Manus	445
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis sonne</i> BABA, 1995	NFiji	446
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis starmar</i> BABA & DE SAINT LAURENT, 1992	NFiji: WL	447
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Munidopsis whiteaves</i> , 1874	Galapagos: EPR	448
Arthropoda, Crustacea, Decapoda, Galatheiidae	<i>Shinkaia crosnieri</i> BABA & WILLIAMS, 1998	Okinawa A: NET; Okinawa T: IR, NIK; Tabar-Feni: ES; Ryuku Islands	449
Arthropoda, Crustacea, Decapoda, Kiwaidae	<i>Kiwa hirsuta</i> MACPHERSON, JONES & SEGONZAC, 2005	PAR: 38°S	450
Arthropoda, Crustacea, Decapoda, Chirostyliidae	<i>Uroptychus bicaucus</i> BABA & DE SAINT LAURENT, 1992	NFiji: MV	452
Arthropoda, Crustacea, Decapoda, Chirostyliidae	<i>Uroptychus edisonicus</i> BABA & WILLIAMS, 1998	Tabar-Feni: ES	453
Arthropoda, Crustacea, Decapoda, Chirostyliidae	<i>Uroptychus thermalis</i> BABA & DE SAINT LAURENT, 1992	NFiji: WL; non-vent locations	454
Arthropoda, Crustacea, Decapoda, Majidae	<i>Macroregonia macrochira</i> SAKAI, 1978	Explorer, JFR, non-vent locations	456
Arthropoda, Crustacea, Decapoda, Portunidae	<i>Bathynectes maravigna</i> (PRESTANDREA, 1839)	MAR: LS, MG; non-vent locations	457
Arthropoda, Crustacea, Decapoda, Geryonidae	<i>Chaceon affinis</i> MILNE-EDWARDS & BOUVIER, 1894	MAR: MG, LS; non-vent locations	458
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Allograea tomentosa</i> GUINOT, HURTADO & VRUENHOEK, 2002	PAR: 31°S	459
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Austino-graea alayseeae</i> GUINOT, 1990	Lau: HH, VL; Manus; NFiji: WL	460
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Austino-graea rodriguezensis</i> TSUCHIDA & HASHIMOTO, 2002	CIR: KVF, EVF	462
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Austino-graea williamsi</i> HESSLER & MARTIN, 1989	Mariana	463
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Austino-graea yunohana</i> TAKEDA, HASHIMOTO & OHTA, 2000	Izu	464

Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Bythograea galapagensis</i> GUINOT & HURTADO, 2003	Galapagos	465
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Bythograea intermedia</i> DE SAINT LAURENT, 1988	Galapagos	
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Bythograea laubieri</i> GUINOT & SEGONZAC, 1997	EPR: 11°S-23°S; PAR: 31°S	466
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Bythograea microps</i> DE SAINT LAURENT, 1989	EPR: 21°N-23°S; PAR: 31°S-38°S; Galapagos	468
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Bythograea thermydron</i> WILLIAMS, 1980	EPR: 21°N-18°S; Galapagos	469
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Bythograea vrijenhoeki</i> GUINOT & HURTADO, 2003	PAR: 31°S-38°S	470
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Cyanograea preadator</i> DE SAINT LAURENT, 1984	EPR: 21°N, 13°N, 14°S, 18°S	472
Arthropoda, Crustacea, Decapoda, Bythograeidae	<i>Segonzacia mesatlantica</i> (WILLIAMS, 1988)	MAR: LO, LS, MG, RB, SP, TAG	473
Arthropoda, Crustacea, Decapoda, Varunidae	<i>Xenograpsus testudinatus</i> NG, HUANG & HO, 2000	Okinawa A: NET	474
Echinodermata, Crinoidea, Cyrtocrinida, Hyocrinidae	<i>Hyocrinus biscoifoi</i> Roux, 2004	EPR: 13°N; non-vent locations	475
Echinodermata, Crinoidea, Cyrtocrinida, Hyocrinidae	<i>Laubiericrinus pentagonalis</i> Roux, 2004	NFiji: non-vent locations	476
Echinodermata, Asteroidea, Brisingida, Brisingidae	<i>Brisinga endecacnemos</i> ASBJØRNSEN, 1856	MAR: LO; non-vent locations	477
Echinodermata, Asteroidea, Brisingida, Freyellidae	<i>Freyella</i> PERRIER, 1885	EPR: 13°N; PAR; Lau, NFiji	478
Echinodermata, Echinoidea, Echinidae	<i>Echinus alexandri</i> DANIELSEN & KOREN, 1883	MAR: LS; non-vent locations	479
Echinodermata, Holothuroidea, Chiridotidae	<i>Chiridota hydrothermica</i> SMIRNOV & GEBRUK, 2000	EPR: 17°S-21°S; Manus, NFiji	480
Echinodermata, Ophiuroidea, Ophiurida, Ophiactidae	<i>Ophiactis tyleri</i> STÖHR & SEGONZAC, 2005	MAR: MG, 38°N	482
Echinodermata, Ophiuroidea, Ophiurida, Ophiuridae	<i>Ophioctenella acies</i> TYLER et al., 1995	MAR; non-vent locations	483
Echinodermata, Ophiuroidea, Ophiurida, Ophiuridae	<i>Spinophiura jolliveti</i> STÖHR & SEGONZAC, 2006	EPR: 13°N-9°N, 17°S-18°S; PAR: 38°S	484
Echinodermata, Ophiuroidea, Ophiurida, Ophiacanthidae	<i>Ophiolamina eprae</i> STÖHR & SEGONZAC, 2006	EPR: 13°N, 9°N, 17°S-18°S	485
Chaetognatha, Spadellidae	<i>Calispadella alata</i> CSANOVA & MOREAU, 2005	MAR: LS	486
Hemichordata, Enteropneusta, Saxipendidae	<i>Saxipendula coronata</i> WOODWICK & SENSENBAUGH, 1985	EPR: 21°N-17°S; PAR: 38°S; Galapagos	487
Chordata, Chondrichthyes, Chimaeriformes, Chimaeridae	<i>Hydrolagus affinis</i> (CAPELLO, 1868)	MAR: LS, MS, RB; non-vent locations	491
Chordata, Chondrichthyes, Chimaeriformes, Chimaeridae	<i>Hydrolagus pallidus</i> HARDY & STEHMANN, 1990	MAR: LS, Menez Hom, MS; RB; non-vent locations	492
Chordata, Osteichthyes, Anguilliformes, Synphobranchidae	<i>Dysommima rugosa</i> GINSBURG, 1951	Intra-plate Seamount: Vailulu	493
Chordata, Osteichthyes, Anguilliformes, Synphobranchidae	<i>Ilyophis saldanhai</i> KARMOVSKAYA & PARIN, 1999	EPR: 21°S; MAR: BS	494
Chordata, Osteichthyes, Gadiformes, Synphobranchidae	<i>Thermobiotes mytilogeiton</i> GEISTDORFER, 1991	Lau: VV	496
Chordata, Osteichthyes, Gadiformes, Lotidae	<i>Gaidropsarus</i> RAFINESQUE, 1810	MAR: LS	497
Chordata, Osteichthyes, Gadiformes, Moridae	<i>Lepidion schmidti</i> SVETOVIDOV, 1936	MAR: MG; non-vent locations	498
Chordata, Osteichthyes, Ophidiiformes, Bythitidae	<i>Cataetox laticeps</i> KOEFOED, 1927	MAR: MG, MS, Menez Hom, LS, RB; non-vent locations	499
Chordata, Osteichthyes, Ophidiiformes, Bythitidae	<i>Thermichthys hollisi</i> (COHEN, ROSENBLATT & MOSER, 1990)	EPR: 17°S, 21°S; Galapagos	500
Chordata, Osteichthyes, Ophidiiformes, Ophidiidae	<i>Ventichthys biosepoi</i> NIELSEN, MOLLER & SEGONZAC, in press	EPR: 17°S	501
Chordata, Osteichthyes, Perciformes, Zoarcidae	<i>Pachycara gymminium</i> ANDERSON & PEDEN, 1988	JFR: AV, ES; non-vent locations	502
Chordata, Osteichthyes, Perciformes, Zoarcidae	<i>Pachycara rimae</i> ANDERSON, 1989	Galapagos	503
Chordata, Osteichthyes, Perciformes, Zoarcidae	<i>Pachycara saldani</i> BISCOITO & ALMEIDA, 2004	MAR: RB	504
Chordata, Osteichthyes, Perciformes, Zoarcidae	<i>Pachycara thermophilum</i> GEISTDORFER, 1994	MAR: SP, TAG	505
Chordata, Osteichthyes, Perciformes, Zoarcidae	<i>Pyrolycus manusanus</i> MACHIDA & HASHIMOTO, 2002	Manus	506
Chordata, Osteichthyes, Perciformes, Zoarcidae	<i>Thermarces cerberus</i> ROSENBLATT & COHEN, 1986	EPR: 21°N, 13°N, 9°N; Galapagos	507
Chordata, Osteichthyes, Scorpaeniformes, Liparidae	<i>Careproctus hyaleius</i> GEISTDORFER, 1994	EPR: 13°N-9°N	509
Chordata, Osteichthyes, Scorpaeniformes, Sebastidae	<i>Trachyscorpia cristulata echinata</i> (KOEHLER, 1896)	MAR: MG; non-vent locations	510
Chordata, Osteichthyes, Gadiformes, Macrouridae	<i>Coryphaenoides armatus</i> HECTOR, 1875	EPR: 9°N; Galapagos; MAR: LS, RB, SP; non vent locations	511