UNESCO environmental DNA (eDNA) Expeditions in marine World Heritage sites

Biodiversity survey for Aldabra Atoll

Interim Results Not for public distribution



Credit: Seychelles Island Foundation.

About eDNA Expeditions

UNESCO's eDNA Expeditions is a global, citizen science initiative that is conducted with the intention to measure marine biodiversity and predict the impact climate change on marine community composition across UNESCO World Heritage marine sites.

eDNA is a cost effective and minimally invasive method to measure biodiversity in any given area. Marine species continuously shed DNA into the water around them in the form of waste, mucus, or cells. By extracting this DNA from water samples, and subsequently multiplying and sequencing specific regions within these DNA strands, a wide variety of species can be detected without removing any organisms from their environment. The regions in the DNA targeted for sequencing are selected depending on the scope of the study: while some markers are suitable to obtain a broad overview of biodiversity across many groups of species, other markers are particularly suited to get high resolution insight for a more specific taxonomic group such as fish. The UNESCO eDNA Expeditions initiative combines a number of markers tailored for marine vertebrates (fish, mammals, and turtles). A general marker was added to also allow detection of species from other groups such as invertebrates, which can give a broader insight in the marine species diversity in a given area.

Between September 2022 and May 2023, UNESCO organized eDNA sampling campaigns in 21 marine World Heritage sites across 17 countries around the world. At every World Heritage site, about 20 samples were collected from different habitats. Over 250 young people participated in the local sampling expeditions. They were guided by local experts and park management staff, using protocols and eDNA sampling equipment provided by UNESCO.

Biodiversity inventories generated from the samples are being combined with existing species distribution data from public biodiversity databases such as the Ocean Biodiversity Information System (OBIS) in view of obtaining a comprehensive overview of marine life across marine World Heritage sites. Through the use of climate scenarios and species distribution models, an estimate will be made of the impact of climate change, in particular rising temperatures, on local biodiversity and its potential future distribution patterns.

More information about the initiative and a press kit are available on the UNESCO website: https://www.unesco.org/en/edna-expeditions.

Results

Sampling and sample processing

eDNA sampling was conducted in Aldabra Atoll in April 2023. A total of 20 samples were collected at 5 locations in the park covering different habitats: bras_monsieur_claremont, ile_esprit, polymnie, settlement_beach, and west_grand_terre (Figure 1). Up to 1,800 mL of seawater was filtered through filter cartridges containing a filter with a 0.8 µm pore size. After sampling, the filter cartridges were flushed with preservation liquid and shipped to UNESCO. DNA from the samples was extracted and amplified, and subsequently sent to the sequencing facility at KU Leuven in Belgium, a specialized university eDNA lab contracted by UNESCO for this work. PCR amplification was done using five primer pairs selected to capture as much biodiversity as possible in the target groups of the study: fish, mammals, and turtles.

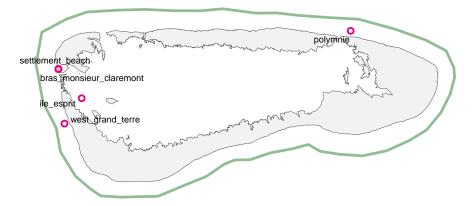


Figure 1: Map of the sampling locations.

DNA sequencing

Sequencing of the DNA from 20 samples resulted in over 38 million sequence reads, from which we collected 46,489 unique sequences or ASVs (Tables 1 and 2).

reads	asvs
38840635	46489

Table 1: Reads, ASVs, and species across all samples.

Species identification

The marker sequences obtained from sequencing were matched with sequence reference databases built using public data available from the National Center for Biotechnology Information (NCBI). This resulted in the identification of 787 species, including 372 fish species, 5 mammalian species, and 1 turtle species (Table 3). Species from other groups, such as molluscs, algae, crustaceans, sponges, and echinoderms, were also detected (Figures 2 and 3). This number of species detected represents about 42% of the 1,618 species known from Aldabra Atoll in the OBIS database. Of the 787 species detected, 451 are not among the species previously reported from Aldabra Atoll to the UNESCO OBIS database. 19 of the detected species are listed as threatened on the IUCN Red List (Table 4). A full list of species is added at the end of this report.

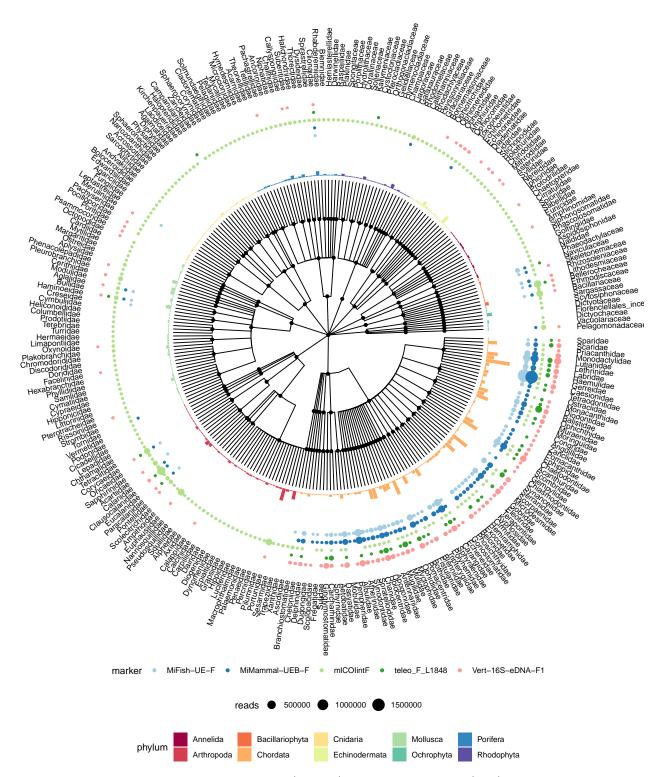


Figure 2: Number of DNA reads (bubbles) and species detected (bars) by family.

locality	materialSampleID	sampleSize	reads	asvs	species
Bras Monsieur Claremont	EE0475	1500	1536911	8743	199
Bras Monsieur Claremont	EE0480	1560	2318711	8796	218
Bras Monsieur Claremont	EE0497	1399	2235175	6979	228
Bras Monsieur Claremont	EE0498	1500	2203743	10738	296
lle esprit	EE0472	1800	2398657	11901	254
lle esprit	EE0479	1800	1660528	7143	197
lle esprit	EE0492	1500	12746	177	12
lle esprit	EE0493	1450	2254180	11449	281
Polymnie	EE0487	1500	1272506	6747	206
Polymnie	EE0489	20	1326312	4327	82
Polymnie	EE0499	1115	1544939	3498	34
Polymnie	EE0501	1140	1154551	7455	232
Settlement beach	EE0473	1313	3038109	12103	301
Settlement beach	EE0474	1500	3033773	10723	306
Settlement beach	EE0488	1500	2824796	13373	306
Settlement beach	EE0495	1500	2799265	11909	286
West Grand terre	EE0490	1500	1363549	6610	190
West Grand terre	EE0491	1500	2513508	10853	222
West Grand terre	EE0494	881	1072546	7349	182
West Grand terre	EE0496	1255	2276130	10585	236

Table 2: Reads, ASVs, and species by sample.

group	eDNA species	total species	fraction
fish	372	889	0.42
mammals	5	6	0.83
turtles	1	3	0.33

Table 3: Number of species in the three target groups, from the OBIS database and from eDNA sampling.

category	eDNA species	total species	fraction
CR	1	2	0.50
EN	7	15	0.47
VU	11	85	0.13

Table 4: Number of species by IUCN Red List category, from the OBIS database and from eDNA sampling.

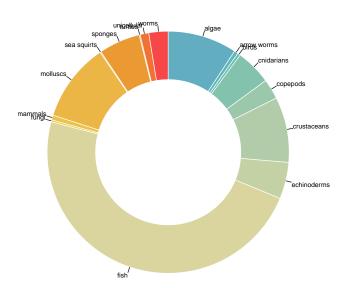


Figure 3: Distribution of detected species across groups.

phylum	class	species	group	category	new	vernacular
Amoebozoa	Discosea	Neoparamoeba aestuarina	unicellular		yes	
Amoebozoa	Discosea	Neoparamoeba pemaquidensis	unicellular		yes	
Annelida	Clitellata	Doliodrilus tener	worms		yes	
Annelida	Clitellata	Heronidrilus fastigatus	worms		yes	
Annelida	Polychaeta	Astomus taenioides	worms		yes	
Annelida	Polychaeta	Bispira manicata	worms		yes	
Annelida	Polychaeta	Chaetopterus variopedatus	worms		yes	parchment worm, grand chétoptère
Annelida	Polychaeta	Ctenodrilus pacificus	worms		yes	
Annelida	Polychaeta	Eunice afra	worms		yes	
Annelida	Polychaeta	Eurythoe complanata	worms		yes	fireworm
Annelida	Polychaeta	Iphione henshawi	worms		yes	
Annelida	Polychaeta	Leonnates decipiens	worms		yes	
Annelida	Polychaeta	Malacoceros indicus	worms		yes	
Annelida	Polychaeta	Marphysa mossambica	worms		yes	
Annelida	Polychaeta	Phyllochaetopterus verrilli	worms		yes	
Annelida	Polychaeta	Syllis picta	worms		yes	
Annelida	Polychaeta	Timarete ceciliae	worms		yes	
Annelida	1 Olychiaeta	Aspidosiphon (Akrikos) albus	worms		yes	
Annelida		Phascolosoma (Phascolosoma) nigrescens	worms		yes	
Annelida		Phascolosoma (Phascolosoma) stephensoni	worms		yes	
Annelida		Siphonosoma funafuti	worms		yes	
Annelida		Themiste (Lagenopsis) lageniformis	worms		yes	
Arthropoda	Branchiopoda	Pseudevadne tergestina	crustaceans		yes	
Arthropoda	Copepoda	Acartia (Acartia) negligens	copepods		yes	
Arthropoda	Copepoda	Acrocalanus gracilis	copepods		yes	
Arthropoda	Copepoda	Calocalanus pavo	copepods		yes	
Arthropoda	Copepoda	Calocalanus plumulosus	copepods		-	
Arthropoda	Copepoda	Calocalanus styliremis	copepods		yes yes	
Arthropoda	Copepoda	Clausocalanus furcatus	copepods		yes	
Arthropoda	Copepoda	Copilia hendorffi	copepods			
Arthropoda	Copepoda	Copilia mirabilis	copepods		yes	
•	Copepoda	•				
Arthropoda Arthropoda	Copepoda	Farranula gibbula Labidocera detruncata	copepods copepods		yes	
•					yes	
Arthropoda	Copepoda	Labidocera madurae	copepods		yes	
Arthropoda	Copepoda	Oncaea media	copepods		yes	
Arthropoda	Copepoda	Paracalanus denudatus	copepods		yes	
Arthropoda	Copepoda	Paracalanus indicus	copepods		yes	
Arthropoda	Copepoda	Pareucalanus attenuatus	copepods			
Arthropoda	Copepoda	Pontella fera	copepods		yes	
Arthropoda	Copepoda	Pontellina plumata	copepods			
Arthropoda	Copepoda	Sapphirina stellata	copepods		yes	
Arthropoda	Copepoda	Scolecithrix danae	copepods			
Arthropoda	Copepoda	Subeucalanus subtenuis	copepods		yes	
Arthropoda	Copepoda	Undinula vulgaris	copepods			
Arthropoda	Hexapoda	Macrosteles quadrilineatus			yes	
Arthropoda	Malacostraca	Alima pacifica	crustaceans		yes	
Arthropoda	Malacostraca	Alpheus dolerus	crustaceans		yes	
Arthropoda	Malacostraca	Alpheus lobidens	crustaceans			brownbar snapping shrimp
Arthropoda	Malacostraca	Alpheus pacificus	crustaceans		yes	
Arthropoda	Malacostraca	Axiopsis serratifrons	crustaceans		yes	serrated axiid

phylum	class	species	group	category	new	vernacular
Arthropoda	Malacostraca	Calappa exanthematosa	crustaceans		yes	
Arthropoda	Malacostraca	Calappa hepatica	crustaceans			smooth box crab
Arthropoda	Malacostraca	Calcinus latens	crustaceans		yes	hidden hermit
Arthropoda	Malacostraca	Carpilius convexus	crustaceans			convex reef crab
Arthropoda	Malacostraca	Chaenostoma boscii	crustaceans		yes	
Arthropoda	Malacostraca	Chaenostoma sinuspersici	crustaceans		yes	
Arthropoda	Malacostraca	Chlorodiella laevissima	crustaceans		yes	
Arthropoda	Malacostraca	Cycloachelous granulatus	crustaceans		yes	
Arthropoda	Malacostraca	Cyclodius obscurus	crustaceans		yes	
Arthropoda	Malacostraca	Cymadusa filosa	crustaceans		yes	
Arthropoda	Malacostraca	Daira perlata	crustaceans		yes	
Arthropoda	Malacostraca	Dardanus deformis	crustaceans		-	pale anemone hermit
Arthropoda	Malacostraca	Dardanus scutellatus	crustaceans		ves	
Arthropoda	Malacostraca	Dynomene praedator	crustaceans		yes	
Arthropoda	Malacostraca	Etisus bifrontalis	crustaceans		yes	
Arthropoda	Malacostraca	Euphausia diomedeae	crustaceans		yes	
Arthropoda	Malacostraca	Euphausia tenera	crustaceans		yes	
Arthropoda	Malacostraca	Gaillardiellus rueppelli	crustaceans		yes	
Arthropoda	Malacostraca	Gonioinfradens paucidentatus	crustaceans		, 00	
Arthropoda	Malacostraca	Hippa adactyla	crustaceans		yes	
Arthropoda	Malacostraca	Hirsutodynomene spinosa	crustaceans		yes	
Arthropoda	Malacostraca	Kraussia rugulosa	crustaceans		yes	
Arthropoda	Malacostraca	Leptarma leptosoma	crustaceans		yes	
Arthropoda	Malacostraca	Leptodius gracilis	crustaceans		yes	
Arthropoda	Malacostraca	Liomera bella	crustaceans		yes	pretty liomera
Arthropoda	Malacostraca	Lucifer typus	crustaceans			standard lucifer prawn, gamba des monts sous-marins
Arthropoda	Malacostraca	Lybia tessellata			yes	
•	Malacostraca	Macrophthalmus (Macrophthalmus) milloti	crustaceans		yes	carrying crab
Arthropoda	Malacostraca	Menaethius monoceros	crustaceans		yes	
Arthropoda			crustaceans		yes	
Arthropoda	Malacostraca	Metapenaeopsis evermanni	crustaceans		yes	
Arthropoda	Malacostraca	Metopograpsus thukuhar	crustaceans		yes	
Arthropoda	Malacostraca	Pachygrapsus minutus	crustaceans		yes	
Arthropoda	Malacostraca	Palaemonella aliska	crustaceans		yes	
Arthropoda	Malacostraca	Parasesarma samawati	crustaceans		yes	
Arthropoda	Malacostraca	Percnon abbreviatum	crustaceans		yes	
Arthropoda	Malacostraca	Percnon guinotae	crustaceans		yes	
Arthropoda	Malacostraca	Pilodius areolatus	crustaceans		yes	areolated xanthid crab
Arthropoda	Malacostraca	Pilumnus tahitensis	crustaceans		yes	
Arthropoda	Malacostraca	Pilumnus vespertilio	crustaceans		yes	
Arthropoda	Malacostraca	Pseudoliomera variolosa	crustaceans		yes	
Arthropoda	Malacostraca	Pseudosquilla ciliata	crustaceans		yes	
Arthropoda	Malacostraca	Pullosquilla litoralis	crustaceans		yes	
Arthropoda	Malacostraca	Sarmatium crassum	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita admete	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita bouvieri	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita chaptalii	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita coeruleipes	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita cooperi	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita crenata	crustaceans			crenate swimming crab
Arthropoda	Malacostraca	Thalamita gatavakensis	crustaceans		yes	-

phylum	class	species	group	category	new	vernacular
Arthropoda	Malacostraca	Thalamita gloriensis	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita integra	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita parvidens	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita seurati	crustaceans		yes	
Arthropoda	Malacostraca	Thalamita stephensoni	crustaceans		yes	
Arthropoda	Malacostraca	Trapezia lutea	crustaceans		yes	
Arthropoda	Malacostraca	Xiphonectes guinotae	crustaceans		yes	
Arthropoda	Malacostraca	Xiphonectes iranjae	crustaceans		yes	
Arthropoda	Malacostraca	Zosimus aeneus	crustaceans			
Arthropoda	Thecostraca	Lepas (Lepas) anserifera	crustaceans		yes	goose barnacle
Arthropoda	Thecostraca	Tetrachthamalus oblitteratus	crustaceans		yes	
Arthropoda	Thecostraca	Tetraclitella divisa	crustaceans		yes	
Ascomycota	Dothideomycetes	Cladosporium herbarum	fungi		yes	
Ascomycota	Eurotiomycetes	Penicillium digitatum	fungi		yes	
Bacillariophyta	Bacillariophyceae	Bellerochea polymorpha	algae		yes	
Bacillariophyta	Bacillariophyceae	Cylindrotheca closterium	algae		yes	
Bacillariophyta	Bacillariophyceae	Ethmodiscus punctiger	algae		yes	
Bacillariophyta	Bacillariophyceae	Haslea pseudostrearia	algae		yes	
Bacillariophyta	Bacillariophyceae	Lithodesmioides polymorpha	algae		yes	
Bacillariophyta	Bacillariophyceae	Navicula minima	algae		-	
Bacillariophyta	Bacillariophyceae	Phaeodactylum tricornutum	•		yes	
		Priaeodactyium tricornutum Pseudo-nitzschia abrensis	algae		yes	
Bacillariophyta	Bacillariophyceae		algae		yes	
Bacillariophyta	Bacillariophyceae	Pseudo-nitzschia caciantha	algae		yes	
Bacillariophyta	Bacillariophyceae	Pseudo-nitzschia pseudodelicatissima	algae		yes	
Bacillariophyta	Bacillariophyceae	Pseudo-nitzschia sabit	algae		yes	
Bacillariophyta	Bacillariophyceae	Skeletonema menzelii	algae		yes	
Bacillariophyta	Bacillariophyceae	Sundstroemia setigera	algae		yes	
Bigyra	Bicoecea	Caecitellus parvulus			yes	
Cercozoa	Chlorarachnea	Bigelowiella natans	unicellular		yes	
Cercozoa	Chlorarachnea	Chlorarachnion reptans	unicellular		yes	
Chaetognatha	Sagittoidea	Aidanosagitta neglecta	arrow worms		yes	
Chaetognatha	Sagittoidea	Ferosagitta robusta	arrow worms		yes	
Chaetognatha	Sagittoidea	Krohnitta subtilis	arrow worms		yes	
Chaetognatha	Sagittoidea	Pterosagitta draco	arrow worms		yes	
Chlorophyta	Mamiellophyceae	Dolichomastix tenuilepis	algae		yes	
Chlorophyta	Mamiellophyceae	Mantoniella squamata	algae		yes	
Chlorophyta	Mamiellophyceae	Micromonas pusilla	algae		yes	
Chlorophyta		Chloroparvula pacifica	algae		yes	
Chlorophyta		Chloropicon laureae	algae		yes	
Chlorophyta		Chloropicon mariensis	algae		yes	
Chlorophyta		Chloropicon primus	algae		yes	
Chlorophyta		Chloropicon roscoffensis	algae		yes	
Chlorophyta		Chloropicon sieburthii	algae		yes	
Chordata	Ascidiacea	Ascidia ahodori	sea squirts		yes	
Chordata	Aves	Arenaria interpres	birds	LC	-	ruddy turnstone, tournepierre à collier
Chordata	Aves	Fregata minor	birds	LC		great frigatebird, frégate du Pacifique
Chordata	Aves	Sula sula	birds	LC		red-footed booby, fou à pieds rouges
Chordata	Elasmobranchii	Aetobatus narinari	fish	EN	ves	spotted eagle ray
Chordata	Elasmobranchii	Carcharhinus amblyrhynchos	fish	EN	,	grey reef shark
Chordata	Elasmobranchii	Carcharhinus melanopterus	fish	VU		blacktip reef shark

phylum	class	species	group	category	new	vernacular
Chordata	Elasmobranchii	Himantura leoparda	fish	VU	yes	
Chordata	Elasmobranchii	Himantura uarnak	fish	EN	yes	honeycomb stingray
Chordata	Elasmobranchii	Mobula birostris	fish	EN	yes	
Chordata	Elasmobranchii	Nebrius ferrugineus	fish	VU		tawny nurse shark, requin nourrice fauve
Chordata	Elasmobranchii	Negaprion acutidens	fish	EN		sicklefin lemon shark
Chordata	Elasmobranchii	Pateobatis fai	fish	VU		
Chordata	Elasmobranchii	Pateobatis hortlei	fish	NT	yes	
Chordata	Elasmobranchii	Sphyrna lewini	fish	CR	,	scalloped hammerhead
Chordata	Elasmobranchii	Taeniurops meyeni	fish	VU		
Chordata	Elasmobranchii	Urogymnus asperrimus	fish	VÜ	yes	porcupine ray
Chordata	Leptocardii	Asymmetron lucayanum			yes	1
Chordata	Leptocardii	Epigonichthys maldivensis			yes	
Chordata	Mammalia	Dugong dugon	mammals	VU	yes	dugong
Chordata	Mammalia	Stenella coeruleoalba	mammals	LC	yes	striped dolphin, dauphin bleu et blanc
Chordata	Mammalia	Stenella longirostris	mammals	LC	ves	long-snouted spinner dolphin, dauphin longirostre
Chordata	Mammalia	Tursiops aduncus	mammals	NT	ves	Indo-Pacific bottlenose dolphin, tursiops abusalam
Chordata	Mammalia	Tursiops truncatus	mammals	LC	ves	bottlenose dolphin, grand dauphin
Chordata	Teleostei	Abantennarius dorehensis	fish	LC	ycs	bottlenose dolpriiri, grand daupriiri
Chordata	Teleostei	Abudefduf septemfasciatus	fish	LC		banded sergeant
Chordata	Teleostei	Abudefduf sexfasciatus	fish	LC		scissortail sergeant
Chordata	Teleostei	Abudefduf sextasciatus Abudefduf vaigiensis	fish	LC		Indo-Pacific sergeant
Chordata	Teleostei	Acanthurus blochii	fish	LC		ringtail surgeonfish
Chordata	Teleostei	Acanthurus dussumieri	fish	LC		eyestripe surgeonfish
Chordata	Teleostei	Acanthurus leucosternon	fish	LC		powder-blue surgeonfish
Chordata	Teleostei	Acanthurus lineatus	fish	LC		
	Teleostei			LC		lined surgeonfish
Chordata		Acanthurus mata	fish			blue-lined surgeonfish
Chordata	Teleostei	Acanthurus nigricauda	fish	LC		epaulette surgeonfish
Chordata	Teleostei	Acanthurus nigrofuscus	fish	LC		brown surgeonfish
Chordata	Teleostei	Acanthurus tennentii	fish	LC		Th
Chordata	Teleostei	Acanthurus thompsoni	fish	LC		Thompson's surgeonfish
Chordata	Teleostei	Acanthurus triostegus	fish	LC		convict surgeonfish
Chordata	Teleostei	Acanthurus xanthopterus	fish	LC		yellowfin surgeonfish
Chordata	Teleostei	Acentrogobius nebulosus	fish		yes	
Chordata	Teleostei	Aethaloperca rogaa	fish			redmouth grouper
Chordata	Teleostei	Albula glossodonta	fish	VU	yes	roundjaw bonefish
Chordata	Teleostei	Aluterus scriptus	fish	LC		scrawled filefish
Chordata	Teleostei	Amanses scopas	fish	LC		broom filefish
Chordata	Teleostei	Amblycirrhitus bimacula	fish	LC		
Chordata	Teleostei	Amblygobius phalaena	fish	LC		
Chordata	Teleostei	Anampses caeruleopunctatus	fish	LC		bluespotted wrasse
Chordata	Teleostei	Anarchias seychellensis	fish	LC		Seychelles moray
Chordata	Teleostei	Anguilla marmorata	fish	LC	yes	giant mottled eel
Chordata	Teleostei	Aphareus furca	fish	LC		small toothed jobfish
Chordata	Teleostei	Apogon campbelli	fish		yes	
Chordata	Teleostei	Apogon semiornatus	fish	LC		obliquebanded cardinalfish
Chordata	Teleostei	Apogonichthys perdix	fish		yes	perdix cardinalfish
Chordata	Teleostei	Aporops bilinearis	fish	LC		
Chordata	Teleostei	Aprion virescens	fish	LC		green jobfish
Chordata	Teleostei	Ariosoma scheelei	fish	LC		tropical conger
Chordata	Teleostei	Arothron hispidus	fish	LC		bristly puffer

phylum	class	species	group	category	new	vernacular
Chordata	Teleostei	Arothron meleagris	fish	LC		Guineafowl puffer
Chordata	Teleostei	Arothron nigropunctatus	fish	LC		blackspotted puffer
Chordata	Teleostei	Aspidontus taeniatus	fish	LC		mimic blenny
Chordata	Teleostei	Asterropteryx semipunctata	fish	LC		
Chordata	Teleostei	Atherinomorus lacunosus	fish	LC	yes	robust silverside
Chordata	Teleostei	Balistapus undulatus	fish	LC		orangestriped
Chordata	Teleostei	Balistoides viridescens	fish	LC		titan triggerfish
Chordata	Teleostei	Benthosema fibulatum	fish	LC	ves	spinycheek lanternfish
Chordata	Teleostei	Blenniella chrysospilos	fish	LC	,	
Chordata	Teleostei	Blenniella periophthalmus	fish	LC		blue-dashed rockskipper
Chordata	Teleostei	Bodianus diana	fish	LC		Diana's hogfish
Chordata	Teleostei	Bolinichthys longipes	fish	LC	yes	
Chordata	Teleostei	Bothus pantherinus	fish	LC	,	panther flounder
Chordata	Teleostei	Brotula multibarbata	fish	LC		goatsbeard brotula
Chordata	Teleostei	Cabillus tongarevae	fish	LC		geates ear a si etara
Chordata	Teleostei	Caesio caerulaurea	fish	LC		blue and gold fusilier
Chordata	Teleostei	Caesio lunaris	fish	LC		lunar fusilier
Chordata	Teleostei	Caesio teres	fish	LC		yellow and blueback fusilier
Chordata	Teleostei	Caesio xanthonota	fish	LC		yellowback fusilier
Chordata	Teleostei	Callechelys catostoma	fish	LC		yellowback rusillel
Chordata	Teleostei	Callechelys marmorata	fish	LC		marbled snake eel
Chordata	Teleostei	Calotomus carolinus	fish	LC		Carolines parrotfish
Chordata	Teleostei	Calotomus spinidens	fish	LC		spinytooth parrotfish
Chordata	Teleostei	Cantherhines dumerilii	fish	LC		barred filefish
				LC		
Chordata	Teleostei	Cantherhines pardalis	fish			wier-net filefish
Chordata	Teleostei	Canthigaster bennetti	fish	LC		Bennett's sharpnose puffer
Chordata	Teleostei	Caracanthus maculatus	fish	LC	yes	spotted coral croucher
Chordata	Teleostei	Carangoides ferdau	fish	LC		blue trevally
Chordata	Teleostei	Caranx ignobilis	fish	LC		giant trevally
Chordata	Teleostei	Caranx melampygus	fish	LC		bluefin trevally
Chordata	Teleostei	Caranx papuensis	fish	LC		brassy trevally
Chordata	Teleostei	Caranx sexfasciatus	fish	LC		bigeye trevally
Chordata	Teleostei	Centropyge multispinis	fish	LC		dusky angelfish
Chordata	Teleostei	Cephalopholis argus	fish	LC		peacock grouper
Chordata	Teleostei	Cephalopholis miniata	fish	LC		coral grouper
Chordata	Teleostei	Cephalopholis sexmaculata	fish	LC		sixspot grouper
Chordata	Teleostei	Cephalopholis sonnerati	fish	LC		tomato hind
Chordata	Teleostei	Cephalopholis urodeta	fish	LC		darkfin hind
Chordata	Teleostei	Cetoscarus bicolor	fish	LC		bicolour parrotfish
Chordata	Teleostei	Chaetodon auriga	fish	LC		threadfin butterflyfish
Chordata	Teleostei	Chaetodon guttatissimus	fish	LC		peppered butterflyfish
Chordata	Teleostei	Chaetodon kleinii	fish	LC		sunburst butterflyfish
Chordata	Teleostei	Chaetodon lunula	fish	LC		raccoon butterflyfish
Chordata	Teleostei	Chaetodon lunulatus	fish	LC	yes	
Chordata	Teleostei	Chaetodon melannotus	fish	LC	-	blackback butterflyfish
Chordata	Teleostei	Chaetodon meyeri	fish	LC		scrawled butterflyfish
Chordata	Teleostei	Chaetodon trifasciatus	fish	LC		melon butterflyfish
Chordata	Teleostei	Chaetodon vagabundus	fish	LC		vagabond butterflyfish
Chordata	Teleostei	Chanos chanos	fish	LC		milkfish, chano
Chordata	Teleostei	Cheilinus trilobatus	fish	LC		tripletail wrasse

phylum	class	species	group	category	new	vernacular
Chordata	Teleostei	Cheilinus undulatus	fish	EN		humphead wrasse
Chordata	Teleostei	Cheilopogon cyanopterus	fish	LC	yes	margined flyingfish
Chordata	Teleostei	Cheilopogon spilonotopterus	fish		yes	stained flyingfish
Chordata	Teleostei	Chlorurus gibbus	fish	LC		
Chordata	Teleostei	Chlorurus sordidus	fish	LC		
Chordata	Teleostei	Chromis viridis	fish	LC		blue-green damselfish
Chordata	Teleostei	Chromis xanthochira	fish	LC	yes	,
Chordata	Teleostei	Chrysiptera biocellata	fish	LC	, , ,	twinspot damselfish
Chordata	Teleostei	Chrysiptera brownriggii	fish	LC		
Chordata	Teleostei	Chrysiptera glauca	fish	LC		grey demoiselle
Chordata	Teleostei	Chrysiptera unimaculata	fish	LC		onespot damselfish
Chordata	Teleostei	Cirrhilabrus exquisitus	fish	DD		exquisite wrasse
Chordata	Teleostei	Cirrhitichthys oxycephalus	fish	LC		pixy hawkfish
Chordata	Teleostei	Cirripectes castaneus	fish	LC		chestnut blenny
Chordata	Teleostei	Cirripectes polyzona	fish	LC		barred blenny
Chordata	Teleostei	Cirripectes quagga	fish	LC		squiqqly blenny
Chordata	Teleostei	Cirripectes stigmaticus	fish	LC	ves	red-streaked blenny
Chordata	Teleostei	Conger cinereus	fish	LC	ycs	mustache conger
Chordata	Teleostei	Coris aygula	fish	LC.		clown wrasse
Chordata	Teleostei	Coris caudimacula	fish	LC		spottail coris
Chordata	Teleostei	Coris caudimacula Coris cuvieri	fish	LC		spottali cons
Chordata	Teleostei	Coris dorsomacula	fish	LC	VOC	
Chordata	Teleostei	Coris gaimard	fish	LC	yes	
Chordata	Teleostei	Crenimugil crenilabis	fish	LC	yes	fringelip mullet
	Teleostei			LC	1,00	mingerip muliet
Chordata		Crenimugil seheli	fish	LC	yes	turanat aumaantiah
Chordata	Teleostei	Ctenochaetus binotatus	fish			twospot surgeonfish
Chordata	Teleostei	Ctenochaetus flavicauda	fish	LC	yes	Parad Indular and
Chordata	Teleostei	Ctenochaetus striatus	fish	LC		lined bristletooth
Chordata	Teleostei	Ctenogobiops feroculus	fish	LC	yes	
Chordata	Teleostei	Cyclothone pseudopallida	fish	LC	yes	slender bristlemouth, cyclothone mince
Chordata	Teleostei	Cymolutes praetextatus	fish	LC		
Chordata	Teleostei	Dascyllus trimaculatus	fish	LC		domino
Chordata	Teleostei	Dasyscopelus spinosus	fish		yes	
Chordata	Teleostei	Diagramma pictum	fish		yes	grunt
Chordata	Teleostei	Diaphus lucidus	fish	LC	yes	
Chordata	Teleostei	Diaphus problematicus	fish	LC	yes	
Chordata	Teleostei	Diaphus splendidus	fish	LC	yes	
Chordata	Teleostei	Diodon hystrix	fish	LC	yes	spot-fin porcupinefish
Chordata	Teleostei	Diodon liturosus	fish			black-blotched porcupinefish
Chordata	Teleostei	Diplodus kotschyi	fish		yes	
Chordata	Teleostei	Dysalotus alcocki	fish	LC	yes	
Chordata	Teleostei	Echeneis naucrates	fish	LC		sharksucker
Chordata	Teleostei	Echidna nebulosa	fish	LC		snowflake moray
Chordata	Teleostei	Echidna polyzona	fish	LC		barred moray
Chordata	Teleostei	Elagatis bipinnulata	fish	LC		rainbow runner
Chordata	Teleostei	Eleotris fusca	fish	LC	yes	dusky sleeper
Chordata	Teleostei	Eleotris melanosoma	fish	LC	yes	
Chordata	Teleostei	Enneapterygius tutuilae	fish	LC	-	
Chordata	Teleostei	Epinephelus coeruleopunctatus	fish	LC	yes	
Chordata	Teleostei	Epinephelus corallicola	fish	LC	yes	

phylum	class	species	group	category	new	vernacular
Chordata	Teleostei	Epinephelus fasciatus	fish	LC		blacktip grouper, mérou oriflamme
Chordata	Teleostei	Epinephelus hexagonatus	fish	LC		starspotted grouper
Chordata	Teleostei	Epinephelus malabaricus	fish	LC		Malabar grouper
Chordata	Teleostei	Epinephelus merra	fish	LC		honeycomb grouper
Chordata	Teleostei	Epinephelus multinotatus	fish	LC		white-blotched grouper
Chordata	Teleostei	Epinephelus polyphekadion	fish	VU		camouflage grouper
Chordata	Teleostei	Epinephelus spilotoceps	fish	LC		foursaddle grouper
Chordata	Teleostei	Epinephelus tauvina	fish	DD		greasy grouper
Chordata	Teleostei	Eviota prasina	fish	LC		green bubble goby
Chordata	Teleostei	Eviota punctulata	fish	LC	yes	finespot eviota
Chordata	Teleostei	Exallias brevis	fish	LC	,	shortbodied blenny
Chordata	Teleostei	Exocoetus volitans	fish	LC	ves	flying fish, poisson volant
Chordata	Teleostei	Ferdauia orthogrammus	fish		yes	Trying Tish, poisson voidhe
Chordata	Teleostei	Fibramia amboinensis	fish		yes	
Chordata	Teleostei	Fibramia lateralis	fish		yes	
Chordata	Teleostei	Fistularia commersonii	fish	LC		cornetfish
				LC		
Chordata	Teleostei	Foa brachygramma	fish			weed cardinalfish
Chordata	Teleostei	Forcipiger flavissimus	fish	LC		forcepsfish
Chordata	Teleostei	Fowleria variegata	fish	LC		variegated cardinalfish
Chordata	Teleostei	Gerres longirostris	fish	LC		
Chordata	Teleostei	Gerres oblongus	fish	LC		slender silver-biddy
Chordata	Teleostei	Gnathanodon speciosus	fish	LC		golden trevally
Chordata	Teleostei	Gnathodentex aureolineatus	fish	LC		striped large-eye bream
Chordata	Teleostei	Gnatholepis anjerensis	fish	LC		
Chordata	Teleostei	Gnatholepis cauerensis	fish	LC		eyebar goby
Chordata	Teleostei	Gomphosus caeruleus	fish	LC		Red Sea bird wrasse
Chordata	Teleostei	Grammistes sexlineatus	fish	LC		goldenstriped soapfish
Chordata	Teleostei	Gunnellichthys monostigma	fish	LC		
Chordata	Teleostei	Gymnothorax breedeni	fish	LC		blackcheek moray
Chordata	Teleostei	Gymnothorax buroensis	fish	LC		vagrant moray
Chordata	Teleostei	Gymnothorax chilospilus	fish	LC		lipspot moray
Chordata	Teleostei	Gymnothorax flavimarginatus	fish	LC		yellowmargin moray
Chordata	Teleostei	Gymnothorax fuscomaculatus	fish	LC	yes	, , ,
Chordata	Teleostei	Gymnothorax margaritophorus	fish	LC	,	blotched-neck moray
Chordata	Teleostei	Gymnothorax miliaris	fish	LC	ves	goldentail moray
Chordata	Teleostei	Gymnothorax pictus	fish	LC	,	g
Chordata	Teleostei	Gymnothorax richardsonii	fish	LC		
Chordata	Teleostei	Gymnothorax rueppelliae	fish	LC		banded moray
Chordata	Teleostei	Gymnothorax undulatus	fish	LC		undulated moray
Chordata	Teleostei	Halichoeres hortulanus	fish	LC.		checkerboard wrasse
Chordata	Teleostei	Halichoeres nebulosus	fish	LC		nebulous wrasse
Chordata	Teleostei	Halichoeres scapularis	fish	LC		zigzag wrasse
Chordata	Teleostei	Halichoeres trimaculatus	fish	LC	V/05	zigzag wrasse
Chordata	Teleostei	Hemigymnus melapterus	fish	LC	yes	thicklip wrasse
Chordata	Teleostei		fish	LC	1/00	spotted halfbeak
		Hemiramphus far		LC	yes	•
Chordata	Teleostei	Hemitaurichthys zoster	fish			brown-and-white butterflyfish
Chordata	Teleostei	Heniochus monoceros	fish	LC		masked bannerfish
Chordata	Teleostei	Heteropriacanthus cruentatus	fish	LC		glasseye snapper
Chordata	Teleostei	Hipposcarus harid	fish	LC		longnose parrotfish
Chordata	Teleostei	Hypoatherina barnesi	fish			Barnes' silverside

phylum	class	species	group	category	new	vernacular
Chordata	Teleostei	Hypoatherina temminckii	fish			Samoan silverside
Chordata	Teleostei	Hyporhamphus affinis	fish			tropical halfbeak
Chordata	Teleostei	Kali indica	fish	LC	yes	Short-nosed swallower
Chordata	Teleostei	Kyphosus cinerascens	fish	LC	J	snubnose chub
Chordata	Teleostei	Kyphosus elegans	fish	LC	ves	Cortez sea chub
Chordata	Teleostei	Kyphosus vaigiensis	fish	LC	ves	brassy chub
Chordata	Teleostei	Lactoria cornuta	fish		, 00	longhorn cowfish
Chordata	Teleostei	Lampadena luminosa	fish	LC	yes	Luminous lanternfish
Chordata	Teleostei	Leiuranus semicinctus	fish	LC	yes	saddled snake-eel
Chordata	Teleostei	Lepidozygus tapeinosoma	fish	ĹĊ		fusilier damselfish
Chordata	Teleostei	Lethrinus atkinsoni	fish	LC	yes	rusiner durisenism
Chordata	Teleostei	Lethrinus genivittatus	fish	LC	yes	longspine emperor
Chordata	Teleostei	Lethrinus harak	fish	LC	ycs	blackspot emperor
Chordata	Teleostei	Lethrinus miniatus	fish	LC	yes	trumpet emperor
Chordata	Teleostei	Lethrinus nebulosus	fish	LC	yes	spangled emperor
	Teleostei		fish	LC		, ,
Chordata		Lethrinus obsoletus		LC		orange-striped emperor
Chordata	Teleostei	Lethrinus rubrioperculatus	fish			spotcheek emperor
Chordata	Teleostei	Lethrinus xanthochilus	fish	LC		yellowlip emperor
Chordata	Teleostei	Lutjanus argentimaculatus	fish	LC		river snapper
Chordata	Teleostei	Lutjanus bohar	fish	LC		twinspot snapper
Chordata	Teleostei	Lutjanus ehrenbergii	fish	LC		blackspot snapper
Chordata	Teleostei	Lutjanus erythropterus	fish	LC	yes	
Chordata	Teleostei	Lutjanus fulviflamma	fish	LC		dory snapper
Chordata	Teleostei	Lutjanus fulvus	fish	LC		blacktail snapper
Chordata	Teleostei	Lutjanus gibbus	fish	LC		humpback snapper
Chordata	Teleostei	Lutjanus kasmira	fish	LC		common bluestripe snapper
Chordata	Teleostei	Lutjanus monostigma	fish	LC		one-spot snapper
Chordata	Teleostei	Lutjanus quinquelineatus	fish	LC	yes	
Chordata	Teleostei	Lutjanus rivulatus	fish	LC		blubberlip snapper
Chordata	Teleostei	Luzonichthys waitei	fish	LC		Waite's splitfin
Chordata	Teleostei	Macolor niger	fish	LC		black and white snapper
Chordata	Teleostei	Macropharyngodon bipartitus	fish	LC		vermiculate wrasse
Chordata	Teleostei	Melichthys indicus	fish	LC		Indian triggerfish
Chordata	Teleostei	Melichthys niger	fish	LC		black durgon
Chordata	Teleostei	Melichthys vidua	fish	LC	yes	pinktail triggerfish
Chordata	Teleostei	Monodactylus argenteus	fish	LC		mono
Chordata	Teleostei	Monotaxis grandoculis	fish	LC		bigeye emperor
Chordata	Teleostei	Moringua javanica	fish		yes	Java spaghetti eel
Chordata	Teleostei	Mugil cephalus	fish	LC	ves	grey mullet, muge
Chordata	Teleostei	Mulloidichthys flavolineatus	fish	LC	,	yellowstripe goatfish
Chordata	Teleostei	Mulloidichthys vanicolensis	fish	LC		yellowfin goatfish
Chordata	Teleostei	Muraenichthys schultzei	fish	LC	yes	yonomin godinon
Chordata	Teleostei	Myctophum orientale	fish		yes	
Chordata	Teleostei	Myrichthys colubrinus	fish	LC	ycs	harleguin snake-eel
Chordata	Teleostei	Myrichthys maculosus	fish	LC		tiger snake-eel
Chordata	Teleostei	Myripristis adusta	fish	LC		shadowfin soldierfish
Chordata	Teleostei	Myripristis adusta Myripristis berndti	fish	LC		blotcheye soldierfish
Chordata	Teleostei	Myripristis bernuti Myripristis kuntee	fish	LC		pearly soldierfish
Chordata	Teleostei		fish	LC	1,00	• •
		Myripristis pralinia		LC	yes	scarlet soldierfish
Chordata	Teleostei	Myripristis violacea	fish	LC		

Chordata
Continued on next page

phylum	class	species	group	category	new	vernacular
Chordata	Teleostei	Myripristis vittata	fish	LC		
Chordata	Teleostei	Naso brevirostris	fish	LC		spotted unicornfish
Chordata	Teleostei	Naso elegans	fish	LC		
Chordata	Teleostei	Naso hexacanthus	fish	LC		sleek unicornfish
Chordata	Teleostei	Naso thynnoides	fish	LC		oneknife unicornfish
Chordata	Teleostei	Naso unicornis	fish	LC		bluespine unicornfish
Chordata	Teleostei	Naso vlamingii	fish	LC		bignose unicornfish
Chordata	Teleostei	Nectamia savayensis	fish	LC		· 3
Chordata	Teleostei	Nemanthias carberryi	fish	LC		threadfin anthias
Chordata	Teleostei	Neoniphon sammara	fish	LC		sammara squirrelfish
Chordata	Teleostei	Novaculichthys taeniourus	fish	LC		rockmover wrasse
Chordata	Teleostei	Novaculoides macrolepidotus	fish			seagrass wrasse
Chordata	Teleostei	Odonus niger	fish	LC		red-toothed triggerfish
Chordata	Teleostei	Ophichthus erabo	fish	LC	yes	
Chordata	Teleostei	Ophiocara porocephala	fish	LC	ves	northern mud gudgeon
Chordata	Teleostei	Oplopomus oplopomus	fish	LC	ves	spinecheek goby
Chordata	Teleostei	Ostorhinchus apogonoides	fish	LC	yes	Spiricencesk goby
Chordata	Teleostei	Ostorhinchus fleurieu	fish	LC	yes	
Chordata	Teleostei	Ostorninchus hedried Ostorhinchus taeniophorus	fish		ycs	
Chordata	Teleostei	Oxycheilinus bimaculatus	fish	LC		twospot wrasse
Chordata	Teleostei	Oxyporhamphus micropterus	fish	LC		smallwing flyingfish
Chordata	Teleostei	Paracheilinus filamentosus	fish	LC	VOC	Smanwing nyingrish
Chordata	Teleostei	Paracheilinus mccoskeri	fish	LC	yes	McCosker's flasher
Chordata	Teleostei	Paracirrhites arcatus	fish	LC	yes	arc-eye hawkfish
Chordata	Teleostei	Paracirrhites arcatus Paracirrhites forsteri	fish	LC		blackside hawkfish
						Diackside nawktish
Chordata	Teleostei	Parioglossus raoi	fish	LC	yes	dark and dak mad Cak
Chordata	Teleostei	Parupeneus barberinus	fish	LC		dash-and-dot goatfish
Chordata	Teleostei	Parupeneus cyclostomus	fish	LC		yellowsaddle goatfish
Chordata	Teleostei	Parupeneus insularis	fish	LC	yes	
Chordata	Teleostei	Parupeneus macronemus	fish	LC		
Chordata	Teleostei	Parupeneus pleurostigma	fish	LC		sidespot goatfish
Chordata	Teleostei	Parupeneus trifasciatus	fish	LC		
Chordata	Teleostei	Pelates quadrilineatus	fish			fourlined terapon
Chordata	Teleostei	Pempheris adusta	fish		yes	
Chordata	Teleostei	Pempheris schwenkii	fish		yes	
Chordata	Teleostei	Periophthalmus kalolo	fish	LC	yes	common mudskipper
Chordata	Teleostei	Pervagor janthinosoma	fish	LC		blackbar filefish
Chordata	Teleostei	Petroscirtes mitratus	fish	LC		floral blenny
Chordata	Teleostei	Plagiotremus rhinorhynchos	fish	LC		bluestriped blenny
Chordata	Teleostei	Planiliza macrolepis	fish	LC		
Chordata	Teleostei	Platax orbicularis	fish	LC		circular spadefish
Chordata	Teleostei	Platybelone argalus	fish	LC		keeltail needlefish
Chordata	Teleostei	Plectorhinchus albovittatus	fish			two-stripe sweetlips
Chordata	Teleostei	Plectorhinchus gibbosus	fish	LC		Harry Hotlips
Chordata	Teleostei	Plectorhinchus plagiodesmus	fish	LC		barred rubberlip
Chordata	Teleostei	Plectorhinchus vittatus	fish	LC		
Chordata	Teleostei	Plectroglyphidodon dickii	fish	NT		blackbar devil
Chordata	Teleostei	Plectroglyphidodon johnstonianus	fish	LC		Johnston Island damsel
Chordata	Teleostei	Plectroglyphidodon leucozonus	fish	LC		
Chordata	Teleostei	Polydactylus sexfilis	fish		yes	sixfinger threadfin, barbure à six doigts

phylum	class	species	group	category	new	vernacular
Chordata	Teleostei	Pomacanthus imperator	fish	LC		emperor angelfish
Chordata	Teleostei	Pomacentrus agassizii	fish		yes	
Chordata	Teleostei	Pristiapogon kallopterus	fish	LC	-	
Chordata	Teleostei	Promethichthys prometheus	fish	LC	yes	Roudi escolar
Chordata	Teleostei	Pseudamia gelatinosa	fish	LC	-	gelatinous cardinalfish
Chordata	Teleostei	Pseudanthias squamipinnis	fish	LC		sea goldie
Chordata	Teleostei	Pseudechidna brummeri	fish	LC		3
Chordata	Teleostei	Pseudobalistes flavimarginatus	fish	LC		yellowmargin triggerfish
Chordata	Teleostei	Pseudocheilinus hexataenia	fish	LC.		sixstripe wrasse
Chordata	Teleostei	Pseudogramma polyacantha	fish	LČ		honeycomb podge
Chordata	Teleostei	Ptereleotris evides	fish	LC		blackfin dartfish
Chordata	Teleostei	Ptereleotris microlepis	fish	LC		smallscale hover goby
Chordata	Teleostei	Ptereleotris zebra	fish	LC		Chinese zebra goby
Chordata	Teleostei	Pterocaesio marri	fish	LC	yes	Marr's fusilier
Chordata	Teleostei	Pterocaesio tile	fish	LC	yes	dark-banded fusilier
Chordata	Teleostei	Pycnochromis dimidiatus	fish	LC		dai k-banded rusiner
Chordata	Teleostei	Pycnochromis nigrurus	fish	LC		
Chordata	Teleostei	Rhinecanthus aculeatus	fish	LC		white-banded triggerfish
Chordata	Teleostei	Rhinecanthus aculeatus Rhinecanthus assasi	fish	LC		
				LC	yes	Picasso triggerfish
Chordata	Teleostei	Rhinecanthus rectangulus	fish			wedge-tail triggerfish
Chordata	Teleostei	Salarias fasciatus	fish	LC		jewelled blenny
Chordata	Teleostei	Sargocentron caudimaculatum	fish	LC		silverspot squirrelfish
Chordata	Teleostei	Sargocentron ittodai	fish	LC	yes	
Chordata	Teleostei	Sargocentron punctatissimum	fish	LC		speckled squirrelfish
Chordata	Teleostei	Sargocentron rubrum	fish	LC	yes	redcoat
Chordata	Teleostei	Sargocentron spiniferum	fish	LC		sabre squirrelfish
Chordata	Teleostei	Sargocentron tiere	fish	LC		bluelined squirrelfish
Chordata	Teleostei	Saurida nebulosa	fish	LC		clouded lizardfish
Chordata	Teleostei	Scarus ferrugineus	fish	LC		rusty parrotfish
Chordata	Teleostei	Scarus ghobban	fish	LC		bluechin parrotfish
Chordata	Teleostei	Scarus prasiognathos	fish	LC		
Chordata	Teleostei	Scarus psittacus	fish	LC		palenose parrotfish
Chordata	Teleostei	Scarus rubroviolaceus	fish	LC		ember parrotfish
Chordata	Teleostei	Scarus tricolor	fish	LC		tricolour parrotfish
Chordata	Teleostei	Schismorhynchus labialis	fish	LC		
Chordata	Teleostei	Scolecenchelys gymnota	fish			
Chordata	Teleostei	Scomberoides lysan	fish	LC		doublespotted queenfish
Chordata	Teleostei	Scorpaenopsis diabolus	fish	LC		devil scorpionfish
Chordata	Teleostei	Sebastapistes cyanostigma	fish	LC		·
Chordata	Teleostei	Sebastapistes mauritiana	fish	LC		spineblotch scorpionfish
Chordata	Teleostei	Sphaeramia orbicularis	fish	LC		orbiculate cardinalfish
Chordata	Teleostei	Sphyraena barracuda	fish	LC		great barracuda
Chordata	Teleostei	Sphyraena helleri	fish	-	yes	Heller's barracuda
Chordata	Teleostei	Sphyraena jello	fish		yes	pickhandle barracuda
Chordata	Teleostei	Sphyraena genie	fish		J	blackfin barracuda
Chordata	Teleostei	Spratelloides delicatulus	fish	LC		delicate round herring
Chordata	Teleostei	Stegastes lacrymatus	fish			
Chordata	Teleostei	Stegastes higricans	fish	LC		black damselfish
Chordata	Teleostei	Stethojulis albovittata	fish	LC		bluelined wrasse
Chordata	Teleostei	Stethojulis bandanensis	fish	LC	VAC	Diacinica Wiasse
CHOIGALA	releoster	Sternojuns bandanensis	11511	LC	yes	

Chordata Teleostei Stethojulis strigiventer fish LC Chordata Teleostei Syrianceia verrucosa fish LC Common lizardfish blotada Teleostei Syrianceia verrucosa fish LC common lizardfish blotada Teleostei Thalassoma amblycephalum fish LC guidan wrasse Ghordata Teleostei Thalassoma purpareum fish LC guidan wrasse Ghordata Teleostei Thalassoma purpareum fish LC guidan wrasse Surge wrasse	phylum	class	species	group	category	new	vernacular
Chordata Teleostei Synodus dermatogenys fish LC Chordata Teleostei Synodus dermatogenys fish LC Chordata Teleostei Synodus variegatus fish LC Chordata Teleostei Synodus variegatus fish LC Chordata Teleostei Thalassoma amblycephalum fish LC Chordata Teleostei Thalassoma hebraicum fish LC Chordata Teleostei Thalassoma lunare fish LC Chordata Teleostei Thalassoma purpureum fish LC Chordata Teleostei Trachinotus balloni fish LC Chordata Teleostei Trachinotus balloni fish LC Chordata Teleostei Trachinotus carolinus fish LC Chordata Teleostei Trachinotus carolinus fish LC Chordata Teleostei Trachinotus carolinus fish LC Chordata Teleostei Tylosurus cocodilus Chordata Teleostei Tylosurus cocodilus Chordata Teleostei Upeneus teleopterus Chordata Teleostei Upeneus teleo	Chordata	Teleostei	Stethojulis strigiventer	fish	LC		three-ribbon rainbowfish
Chordata Teleostei Synodus dermatogenys fish LC Chordata Teleostei Thalassoma amblycephalum fish LC Chordata Teleostei Thalassoma amblycephalum fish LC Chordata Teleostei Thalassoma hebraicum fish LC Chordata Teleostei Thalassoma lumare fish LC Chordata Teleostei Thalassoma lumare fish LC Chordata Teleostei Thalassoma purpureum fish LC Chordata Teleostei Thalassoma purpureum fish LC Chordata Teleostei Thunnus alalunga fish LC Chordata Teleostei Trachinotus baillonii fish LC Chordata Teleostei Trachinotus carolinus fish LC Chordata Teleostei Tylosurus acus fish LC Chordata Teleostei Urpotenysiux satus fish LC Chordata Teleostei Urpotenysiux santhoptens fish LC Chordata Teleostei Urpotenysiux santhoptens fish LC Chordata Teleostei Urpotenysiux santhoptens fish LC Chordata Teleostei Valenciennea sexyutata fish LC Chordata Teleostei Vanola loitu fish LC Chordata Teleoste	Chordata	Teleostei	Sufflamen chrysopterum	fish			
Chordata Teleostei Synodus variegatus fish LC common lizardfish Chordata Teleostei Thalassoma amblycephalum fish LC goldbar wrasse Chordata Teleostei Thalassoma hubraicum fish LC goldbar wrasse Chordata Teleostei Thalassoma lunare fish LC surge wrasse Chordata Teleostei Thalassoma purpureum fish LC surge wrasse Chordata Teleostei Thalassoma purpureum fish LC surge wrasse Chordata Teleostei Thomuns alunga fish LC yes chordata Teleostei Trachinotus bailloni fish LC yes orange-spotted toadfish smallspotted art personal to the chordata Teleostei Trachinotus carolinus fish LC yes pompano Chordata Teleostei Trachinotus carolinus fish LC yes pompano Chordata Teleostei Tylosurus acus fish LC yes pompano Gelfish LC hordata Teleostei Tylosurus crocodilus fish LC yes pompano Gelfish Chordata Teleostei Upeneus teaniopterus fish LC fordata Teleostei Valenciennea strigata fish LC sisspot goby Chordata Teleostei Valenciennea strigata fish LC bulkeband goby ornate pramy-goby Chordata Teleostei Vanderhorsta ornatissima fish LC usuratai grouper Chordata Teleostei Vanderhorsta ornatissima fish LC usuratai grouper Chordata Teleostei Vanderhorsta ornatissima fish LC yes rehordata Teleostei Vanderhorsta ornatissima fish LC yes chordata Teleostei Vanderhorsta ornatissima fish LC yes rehordata Teleostei Vanderhorsta ornatissima yes condiaria Anthozoa Andvakia discipulorum cnidarians yes condiaria Anthozoa Povices purpurea cnidarians LC yes repent coral larger	Chordata	Teleostei	Synanceia verrucosa	fish			stonefish
Chordata Teleostei Thalassoma amblycephalum fish LC goldbar wrasse Chordata Teleostei Thalassoma hebraicum fish LC goldbar wrasse moon wrasse Chordata Teleostei Thalassoma humare fish LC surge wrasse albacore. Thalassoma purpureum fish LC surge wrasse albacore, thom blanc Chordata Teleostei Thunnus alalunga fish LC yes albacore, thom blanc Chordata Teleostei Trachinotus ballonii fish LC yes orange-spotted toadfish smallspotted dart Chordata Teleostei Trachinotus carolinus fish LC yes pompano Chordata Teleostei Trachinotus carolinus fish LC yes pompano Chordata Teleostei Tylosurus acus fish LC yes agujon needlefish Chordata Teleostei Upeneus taeniopterus fish LC hondata Teleostei Upeneus taeniopterus fish LC fin-stripe goatfish Chordata Teleostei Upeneus taeniopterus fish LC fin-stripe goatfish Chordata Teleostei Upeneus taeniopterus fish LC fin-stripe goatfish Chordata Teleostei Ualenciennea sexguttata fish LC sixspot goby Chordata Teleostei Valenciennea sexguttata fish LC sixspot goby Chordata Teleostei Valenciennea strigata fish LC sixspot goby Chordata Teleostei Valenciennea strigata fish LC oracte prawn-goby Chordata Teleostei Valenciennea strigata fish LC upenata Teleostei Valenciennea Teleostei Unidenata fish LC upenata Teleostei Valenciennea Teleostei	Chordata	Teleostei	Synodus dermatogenys	fish	LC		
Chordata Teleostei Thalassoma lubraicum fish LC moon wrasse Chordata Teleostei Thalassoma purpureum fish LC surge wrasse Chordata Teleostei Thalassoma purpureum fish LC yes albacore, thon blanc Chordata Teleostei Torquigener hypselogeneion fish LC yes orange-spotted toadfish Chordata Teleostei Trachinotus baillonii fish LC yes orange-spotted toadfish Chordata Teleostei Trachinotus baillonii fish LC yes pompano Chordata Teleostei Trachinotus Carolinus fish LC yes agujon needlefish Chordata Teleostei Tylosurus acus fish LC yes agujon needlefish Chordata Teleostei Tylosurus crocodilus fish LC yes agujon needlefish Chordata Teleostei Upeneus teneiopterus fish LC fin-stripe goatfish Chordata Teleostei Upeneus teneiopterus fish LC fin-stripe goatfish Chordata Teleostei Upeneus teneiopterus fish LC sin-stripe goatfish Chordata Teleostei Valenciennea sexgutata fish LC sin-stripe goatfish Chordata Teleostei Valenciennea strigata fish LC sin-stripe goatfish Chordata Teleostei Vanderhorstia ornatissima fish LC sin-stripe goatfish Chordata Teleostei Variola louti fish LC sin-stripe goatfish Chordata Teleostei Variola louti fish LC yes oceanic lightfish Chordata Teleostei Vanderhorstia ornatissima fish LC yes oceanic lightfish Chordata Teleostei Vanderhorstia ornatissima fish LC yes oceanic lightfish Chordata Teleostei Vanderhorstia ornatissima fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes oceanic lig	Chordata	Teleostei	Synodus variegatus	fish			common lizardfish
Chordata Teleostei Thalassoma Junare fish LC surge wrasse Chordata Teleostei Thumus alalunga fish LC yes albacore, thon blanc Chordata Teleostei Thumus alalunga fish LC yes albacore, thon blanc Chordata Teleostei Trachinotus bailonii fish LC yes orange-spotted toadfish smallspotted dart Chordata Teleostei Trachinotus Carolinus fish LC yes chordata Teleostei Trachinotus Carolinus fish LC yes Chordata Teleostei Trachinotus Carolinus fish LC yes Chordata Teleostei Tylosurus acuo fish LC yes Chordata Teleostei Tylosurus crocodilus fish LC yes Chordata Teleostei Upeneus taeniopterus fish LC fordata Teleostei Uropterygius xanthopterus fish LC fire-stripe goatfish fire-stripe goatfish Chordata Teleostei Valenciemea sergututa fish LC sixpotte goatfish freckleface reef-eel Schordata Teleostei Valenciemea sergututa fish LC sixpotte gody Chordata Teleostei Valenciemea sergututa fish LC sixpotte gody Chordata Teleostei Vanderhorsta ornatissima fish LC urate prawn-goby Lleeband gody Chordata Teleostei Vanderhorsta ornatissima fish LC urate prawn-goby Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish Chordata Teleostei Vanderhorsta ornatissima fish LC yes occanic lightfish conditional Anthozoa Andvakia discipulorum chordarians yes Chidarian Anthozoa Dipasatrea pallida chordarians LC Chidarian Anthozoa Pavhosa cactus chidarians LC yes ornatisma Anthozoa Pavhosa cactus chidarians LC Chidarian Anthozoa Pavhosa cactus chidarians LC Chidarian Anthozoa Sinuorota hexagonalis chidarians LC Chidarian A	Chordata	Teleostei	Thalassoma amblycephalum	fish	LC		bluntheaded wrasse
Chordata Teleostei Thalassoma purpureum fish LC yes Chordata Teleostei Thumus alalunga fish LC yes Chordata Teleostei Torquigener hypselogeneion fish LC yes orange-spotted toadfish smallspotted dart Chordata Teleostei Trachinotus baillonii fish LC yes orange-spotted toadfish smallspotted dart Chordata Teleostei Trachinotus carolinus fish LC yes agujon needlefish Chordata Teleostei Tylosurus arcus fish LC yes orange-spotted dart pompano Chordata Teleostei Tylosurus arcus fish LC hordata Teleostei Upeneus taeniopterus fish LC hordata Teleostei Upeneus taeniopterus fish LC fireckleface reef-eel Valenciennea serguttata fish LC biueband goby Chordata Teleostei Valenciennea serguttata fish LC biueband goby Chordata Teleostei Valenciennea strigata fish LC biueband goby Chordata Teleostei Vanderhorsta ornatissima fish LC biueband goby Chordata Teleostei Vanderhorsta ornatissima fish LC upeneus Teleostei Vanderhorsta ornatissima yes Chordata Teleostei Zebrasoma velifer fish LC upeneus Teleostei Vanderhorsta ornatissima yes Chordata Teleostei Zebrasoma velifer Gish LC upeneus Teleostei Vanderhorsta ornatissima yes Chordata Anthozoa Andvakia discipulorum cindarians yes Chordaria Anthozoa Edwardsia longicornis cindarians L	Chordata	Teleostei	Thalassoma hebraicum	fish	LC		goldbar wrasse
Chordata Teleostei Thunnus alalunga fish LC yes albacore, thon blanc Chordata Teleostei Trachinotus baillonii fish LC yes smallspotted dart Chordata Teleostei Trachinotus carolinus fish LC yes smallspotted dart Chordata Teleostei Trachinotus carolinus fish LC yes agujon needefish LC Chordata Teleostei Tylosurus acus fish LC yes agujon needefish houndfish Chordata Teleostei Upeneus teenlopterus fish LC fin-stripe goatfish Chordata Teleostei Upeneus teenlopterus fish LC fin-stripe goatfish Chordata Teleostei Upeneus teenlopterus fish LC fin-stripe goatfish Chordata Teleostei Valenciennea sexquitata fish LC sixspot goby Chordata Teleostei Valenciennea sexquitata fish LC sixspot goby Chordata Teleostei Valenciennea sexquitata fish LC sixspot goby Chordata Teleostei Vanderionnea sexquitata fish LC sixspot goby Chordata Teleostei Vanderionnea sexquitata fish LC unartari grouper Chordata Teleostei Vanderionsta ornatissima fish LC unartari grouper Chordata Teleostei Vanderionsta fish LC unartari grouper Chordata Teleostei Vanderionsta fish LC yes cancia lightfish Chordata Teleostei Vanderionsta fish LC yes cancia lightfish Chordata Teleostei Vanderionsta fish LC yes cancia lightfish Chordata Teleostei Zebrasoma velifer fish LC yes chordata Teleostei Zebrasoma velifer fish LC yes chordata Teleostei Zebrasoma velifer fish LC yes condicarian Anthozoa Andvalkai discipulorum cindarians yes Chidaria Anthozoa Edwardsia longicornis cindarians LC yes Chordata Anthozoa Edwardsia longicornis cindarians LC yes condicarian Anthozoa Chidaria Anthozoa Candarian Anthozoa Chidaria Anthozoa Chidaria Anthozoa Pavona cactus cindarians LC yes sepnet coral leaf coral cindaria Anthozoa Pachyseris speciosa cindarians LC yes condicarian Anthozoa Pachyseris speciosa cindarians LC yes sepnet coral leaf coral cindaria Anthozoa Sinuorota hexagonalis cindarians LC cindarian Anthozoa Sinuorota hexagonalis cindarians LC cindarian Anthozoa Sinuorota hexagonalis cindarians LC cindarian Anthozoa Stylophora pstillata cindarians LC cindarians DD cindarian	Chordata	Teleostei	Thalassoma lunare	fish	LC		moon wrasse
Chordata Teleostei Trachinotus ballionii fish LC yes smallspotted dart chordata Teleostei Trachinotus carolinus fish LC yes smallspotted dart pompano chordata Teleostei Trachinotus carolinus fish LC yes pompano chordata Teleostei Tylosurus acus fish LC yes agujon needlefish chordata Teleostei Tylosurus crocodilus fish LC fin-stripe goatfish chordata Teleostei Uponeus taeniopterus fish LC fin-stripe goatfish chordata Teleostei Uponeus taeniopterus fish LC fin-stripe goatfish chordata Teleostei Uponeus taeniopterus fish LC bordata Teleostei Uponeus taeniopterus fish LC bordata Teleostei Valenciennea sexiguttata fish LC buleband goby chordata Teleostei Valenciennea sexiguttata fish LC buleband goby chordata Teleostei Vanderhorstia ornatissima fish LC uponeus propingio correction fish LC yes cocanic lightfish reducing fish LC yes yes cocanic lightfish yes yes yes condition yes yes yes condition yes yes yes condition yes	Chordata	Teleostei	Thalassoma purpureum	fish	LC		surge wrasse
Chordata Teleostei Trachinotus baillonii fish LC yes pompano Chordata Teleostei Tyosurus acus fish LC yes pompano Chordata Teleostei Tyosurus acus fish LC yes agujon needlefish Chordata Teleostei Tyosurus acus fish LC fin-stripe goatfish Chordata Teleostei Upeneus taeniopterus fish LC fin-stripe goatfish Chordata Teleostei Uropterygius xanthopterus fish LC fin-stripe goatfish Chordata Teleostei Uropterygius xanthopterus fish LC sixspot gody Chordata Teleostei Valenciennea sexquitata fish LC sixspot gody Chordata Teleostei Valenciennea strigata fish LC orrate prawn-goby Chordata Teleostei Valenciennea strigata fish LC orrate prawn-goby Chordata Teleostei Variola louti fish LC orrate prawn-goby Chordata Teleostei Variola louti fish LC yes oceanic lightfish Chordata Teleostei Vanderhorstia ornatissima fish LC yes oceanic lightfish Chordata Teleostei Vanderhorstia ornatissima fish LC yes oceanic lightfish Chordata Teleostei Vanderhorstia ornatissima fish LC yes Chordata Teleostei Vanderhorstia ornatissima fish LC yes Chordata Teleostei Vanderhorstia ornatissima fish LC yes Chordata Teleostei Vanderhorstia ornatissima yes Chordata Teleostei Zanclus cornutus fish LC yes Chordata Teleostei Zabrasoma veifer fish Chordata Anthozoa Andvakia discipulorum cindarians yes Cindaria Anthozoa Boloceroides mcmurrichi cindarians yes Cindaria Anthozoa Edwardsia longicomis cindarians LC yes Cindaria Anthozoa Favites pentagona cindarians LC yes Cindaria Anthozoa Pavona cactus cindarians LC yes Cindaria Anthozoa Styloro chembergi cindarians LC yes Cindaria Anthozoa Styloro chembergi cindarians LC yes	Chordata	Teleostei	Thunnus alalunga	fish	LC	yes	albacore, thon blanc
Chordata Teleostei Tylosurus acus fish LC yes agujon needlefish Chordata Teleostei Tylosurus carcodilus fish LC finishing agujon needlefish houndfish Chordata Teleostei Upeneus teaniopterus fish LC finishing agujon needlefish houndfish finishing aguin needlefish houndfish fish LC finishing aguin needlefish houndfish fish LC finishing aguin needlefish houndfish fish LC fish LC fordata Teleostei Valenciennes strigata fish LC sixspot goby blueband goby fish Teleostei Valenciennes strigata fish LC between the fish LC fordata Teleostei Varien louit fish LC gress fish	Chordata	Teleostei	Torquigener hypselogeneion	fish	LC	yes	orange-spotted toadfish
Chordata Teleostei Tylosurus acus fish LC yes aqujon needlefish Chordata Teleostei Tylosurus crocodilus fish LC hordata Teleostei Upeneus taeniopterus fish LC fireckleface reef-eel Schordata Teleostei Uropterygius xanthopterus fish LC fireckleface reef-eel Schordata Teleostei Valenciennes sexguttata fish LC sixspot goby Chordata Teleostei Valenciennes sexguttata fish LC blueband goby Chordata Teleostei Valenciennes strigata fish LC ornate prawn-goby Chordata Teleostei Valenciennes sexguttata fish LC blueband goby Chordata Teleostei Variola louti fish LC ornate prawn-goby Chordata Teleostei Variola louti fish LC yes oceanic lightfish Chordata Teleostei Variola louti fish LC yes oceanic lightfish Chordata Teleostei Xanthichthys mento fish LC yes oceanic lightfish redtail triggerfish (Chordata Teleostei Xanthichthys mento fish LC yes oceanic lightfish redtail triggerfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zanclus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zancus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zancus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zancus cornutus fish LC yes oceanic lightfish (Chordata Teleostei Zancus cornutus fish LC yes oceanic lightfish (Chordata Anthozoa Edwardsia longicornis conidarians LC yes oceanic lightfish (Chordata Anthozoa Pavona cactus cnidarians LC yes oceanic lightfish (Chordata Anthozoa Pavona cactus cnidarians LC yes oceanic lightfish (Chordata Anthozoa Sarcophyton elnether conidarians LC yes oceanic lightfish (Chor	Chordata	Teleostei	Trachinotus baillonii	fish	LC	-	smallspotted dart
Chordata Teleostei Upeneus taeniopterus fish LC fin-stripe goatfish Chordata Teleostei Upeneus taeniopterus fish LC fin-stripe goatfish Chordata Teleostei Uropterygius xanthopterus fish LC freckleface reef-eel Chordata Teleostei Valenciennea sexguttata fish LC sixspot goby Chordata Teleostei Valenciennea strigata fish LC blueband goby Chordata Teleostei Valenciennea strigata fish LC blueband goby Chordata Teleostei Vanderhorstia ornatissima fish LC unatarial grouper Chordata Teleostei Vanderhorstia ornatissima fish LC unatarial grouper Chordata Teleostei Vanderhorstia ornatissima fish LC uses oceanic lightfish Chordata Teleostei Xanthichtys mento fish LC yes oceanic lightfish Chordata Teleostei Xanthichtys mento fish LC yes oceanic lightfish Chordata Teleostei Zanclus cornutus fish LC yes Moorish idol Chordata Teleostei Zanclus cornutus fish LC wes Chordata Teleostei Zanclus cornutus fish LC yes Moorish idol Chordata Teleostei Zebrasoma velifer fish LC Chordata Teleostei Zebrasoma velifer fish LC Chordata Teleostei Zebrasoma velifer fish LC Chordata Anthozoa Acrosota amboinensis curidarians yes Chidaria Anthozoa Boloceroides morturrichi cuidarians yes Chidaria Anthozoa Boloceroides morturichi cuidarians yes Chidaria Anthozoa Dipsastraea pallida cuidarians LC conidaria Anthozoa Edwardsia longicornis cuidarians LC conidaria Anthozoa Edwardsia longicornis cuidarians LC cuidaria Anthozoa Pachyseris speciosa cuidarians LC cuidaria Anthozoa Pachyseris speciosa cuidarians LC cuidaria Anthozoa Pachyseris speciosa cuidarians LC yes serpent coral cuidaria Anthozoa Pocillopora acuta cuidarians LC cuidaria Anthozoa Pocillopora acuta cuidarians LC cuidaria Anthozoa Pocillopora acuta cuidarians LC cuidaria Anthozoa Portes lutea cuidarians LC cuidaria Anthozoa Portes lutea cuidarians LC cuidaria Anthozoa Siruorota hexagonalis cuidarians LC cuidaria Anthozoa Siruorota hexagonalis cuidarians LC cuidarian Anthozoa Siruorota hexagonalis cuidarians NT hood coral criadrian Anthozoa Anthozoa Siruorota hexagonalis cuidarians yes cuid	Chordata	Teleostei	Trachinotus carolinus	fish	LC	yes	pompano
Chordata Teleostei Upeneus taeniopterus fish LC fin-stripe goatfish Chordata Teleostei Uropterygius xanthopterus fish LC sixspot goby Chordata Teleostei Valenciennea sexguttata fish LC sixspot goby Chordata Teleostei Valenciennea strigata fish LC blueband goby Chordata Teleostei Vanderhorstai ornatissima fish LC unartail grouper occanic lightfish and the control ornate prawn-goby Chordata Teleostei Variola louti fish LC unartail grouper occanic lightfish Chordata Teleostei Vinciguerria nimbaria fish LC yes ceanic lightfish Chordata Teleostei Vinciguerria nimbaria fish LC yes redtail triggerfish Chordata Teleostei Vinciguerria nimbaria fish LC yes redtail triggerfish Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish Chordata Teleostei Zanclus cornutus fish LC Moorish idol Chordata Teleostei Zanclus cornutus fish LC Moorish idol Chordata Teleostei Zebrasoma velifer fish Chordata Teleostei Zebrasoma velifer fish Chordata Anthozoa Andvakia discipulorum cinidarians yes Cnidaria Anthozoa Boloceroides mcmurrichi cinidarians yes Cnidaria Anthozoa Edwardisi longicornis cinidarians LC Cinidaria Anthozoa Favites pentagona cinidarians LC Cinidaria Anthozoa Pachyseris speciosa cinidarians LC Cinidaria Anthozoa Pachyseris speciosa cinidarians LC Cinidaria Anthozoa Pachyseris speciosa cinidarians LC Cinidaria Anthozoa Pocillopora acuta cinidarians LC Cinidaria Anthozoa Pasammocora nierstraszi cinidarians LC Cinidaria Anthozoa Sacophyton ehrenbergi cinidarians LC Cinidaria Anthozoa Stylaraea puncta cinidarian	Chordata	Teleostei	Tylosurus acus	fish	LC	yes	agujon needlefish
Chordata Teleostei Uropterygius xanthopterus fish LC sixspot goby Chordata Teleostei Valenciennea sexguttata fish LC sixspot goby Chordata Teleostei Valenciennea strigata fish LC blueband goby Chordata Teleostei Vanderhorstia ornatissima fish LC urnatai grouper Chordata Teleostei Variola louti fish LC unartail grouper Chordata Teleostei Vinciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Vinciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Vongeichthys criniger fish LC yes redtail triggerfish Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish Chordata Teleostei Zebrasoma velifer fish Chordata Teleostei Zebrasoma velifer fish Chordata Teleostei Zebrasoma velifer fish Chordata Anthozoa Acrossota amboinensis cinidarians yes Cnidaria Anthozoa Andvakia discipulorum cinidarians yes Cnidaria Anthozoa Boloceroides mcmurrichi cinidarians yes Cnidaria Anthozoa Edwardsia longicornis cinidarians LC Cnidaria Anthozoa Edwardsia longicornis cinidarians LC Cnidaria Anthozoa Favites pentagona cinidarians LC Cnidaria Anthozoa Pachyseris speciosa cinidarians LC Cnidaria Anthozoa Pocillopora acuta cinidarians LC Cnidaria Anthozoa Sacophyton ehrenbergi cinidarians LC Cnidaria Anthozoa Stylophora pistillata cinidarians LC Cnidaria Anthozoa Stylophora pistillata cinidarians LC Cnidaria Anthozoa Stylophora pistillata cinidarians NT hood coral Cnidaria Anthozoa Antennella secundaria cinidarians Vyes Cnidaria Anthozoa Antennella secundaria cinidarians NT hood coral Cnidaria Anthozoa Antennella secundaria cinidarians Vyes	Chordata	Teleostei	Tylosurus crocodilus	fish	LC	,	houndfish
Chordata Teleostei Uropterygius xanthopterus fish LC sixspot goby Chordata Teleostei Valenciennea serguttata fish LC sixspot goby Chordata Teleostei Valenciennea strigata fish LC blueband goby Chordata Teleostei Vanderhorstia ornatissima fish LC ornate prawn-goby Chordata Teleostei Variola louti fish LC unartail grouper Chordata Teleostei Vinciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Vinciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Vongeichthys criniger fish LC yes rediail triggerfish Chordata Teleostei Zanclus cornutus fish LC yes rediail triggerfish Chordata Teleostei Zanclus cornutus fish LC yes rediail triggerfish Chordata Teleostei Zebrasoma velifer fish Chordata Teleostei Zebrasoma velifer fish Chordata Teleostei Zebrasoma velifer fish Chordata Anthozoa Acrossota amboinensis cinidarians yes Cnidaria Anthozoa Andvakia discipulorum cinidarians yes Cnidaria Anthozoa Boloceroides mcmurrichi cinidarians yes Cnidaria Anthozoa Edwardsia longicornis cinidarians LC Cnidaria Anthozoa Edwardsia longicornis cinidarians LC Cnidaria Anthozoa Edwardsia longicornis cinidarians LC Cnidaria Anthozoa Pachyseris speciosa cinidarians LC Cnidaria Anthozoa Poillopora acuta cinidarians LC Cnidaria Anthozoa Sacophyton ehrenbergi cinidarians LC Cnidaria Anthozoa Sinuorota hexagonalis cinidarians LC Cnidaria Anthozoa Stylophora pistillata cinidarians LC Cnidaria Anthozoa Stylophora pistillata cinidarians LC Cnidaria Anthozoa Stylophora pistillata cinidarians NT hood coral Cnidaria Anthozoa Triactis producta cinidarians Ves Cnidaria Anthozoa Triactis producta cinidarians NT hood coral Cnidaria Anthozoa Antennella secundaria cinidarians Ves Cnidaria Anthozoa Triactis producta cinidarians NT hood coral	Chordata	Teleostei	,	fish	LC		fin-stripe goatfish
Chordata Teleostei Valenciennea sexquttata fish LC bluebard goby Chordata Teleostei Valenciennea strigata fish LC bluebard goby Chordata Teleostei Vanderhorstia ornatissima fish LC ornate Teleostei Vanderhorstia ornatissima fish LC ornate Teleostei Vanderhorstia ornatissima fish LC yes ceanic lightfish LC chordata Teleostei Vanciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Vanciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Vongeichthys criniger fish yes Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish yes Chordata Teleostei Zehrasoma velifer fish LC Moorish idol Teleostei Zehrasoma velifer fish LC yes green turtle, tortue verte Chidaria Anthozoa Advakia discipulorum cnidarians yes Chidaria Anthozoa Andvakia discipulorum cnidarians yes Chidaria Anthozoa Boloceroides mcmurrichi cnidaria Anthozoa Edwardsia longicornis cnidaria Anthozoa Edwardsia longicornis cnidarians LC chidaria Anthozoa Favites pentagona cnidarians LC conidaria Anthozoa Pachyseris speciosa cnidarians LC crist coral Cnidaria Anthozoa Pachyseris speciosa cnidarians LC yes serpent coral leaf coral Cnidaria Anthozoa Pachyseris speciosa cnidarians LC yes serpent coral Cnidaria Anthozoa Porites lutea cnidarians LC yes serpent coral leaf coral Cnidaria Anthozoa Porites lutea cnidarians LC yes serpent coral Cnidaria Anthozoa Porites lutea cnidarians LC yes coral cnidarian Anthozoa Sarcophyton ehrenbergi cnidarians LC yes coral cnidarian Anthozoa Sarcophyton ehrenbergi cnidarians LC yes coral cnidarian Anthozoa Stylorhora pistillata cnidarians NT hood coral cnidaria Anthozoa Stylorhora pistillata cnidarians NT hood coral cnidaria Anthozoa Anthozoa Antennella secundaria cnidarians yes	Chordata	Teleostei	•		LC.		, 3
Chordata Teleostei Valenciennea strijata fish LC ornate prawn-goby (Chordata Teleostei Vanderhorstia ornatissima fish LC ornate prawn-goby (Chordata Teleostei Vinciguerria nimbaria fish LC yes oceanic lightfish (Chordata Teleostei Vinciguerria nimbaria fish LC yes oceanic lightfish (Chordata Teleostei Vandelhyks criniger fish LC yes redtail triggerfish (Chordata Teleostei Vangeichthyks criniger fish Vondata Teleostei Zanclus cornutus fish LC yes redtail triggerfish (Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish (Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish (Chordata Teleostei Zebrasoma velifer fish (Chordata Teleostei Zebrasoma velifer fish (Chordata Teleostei Zebrasoma velifer fish (Chordata Teleostei Zebrasoma velifer yes yes (Chidaria Anthozoa Acrossota amboinensis cnidarians yes (Chidaria Anthozoa Boloceroides mcmurrichi cnidarians yes (Chidaria Anthozoa Boloceroides mcmurrichi cnidarians LC (Chidaria Anthozoa Edwardsia longicornis cnidarians LC (Chidaria Anthozoa Edwardsia longicornis cnidarians LC (Chidaria Anthozoa Edwardsia longicornis cnidarians LC (Chidaria Anthozoa Pavona cactus (Chidaria Anthozoa Pachyseris speciosa (Chidarians LC (Chidaria Anthozoa Pachyseris speciosa (Chidarians LC (Chidaria Anthozoa Pachyseris speciosa (Chidarians LC (Chidaria Anthozoa Parona cactus (Chidarians LC (Chidaria Anthozoa Sinuorota hexagonalis (Chidarians LC (Chidaria Anthozoa Sinuorota hexagonalis (Chidarians LC (Chidaria Anthozoa Sinuorota hexagonalis (Chidarians LC (Chidaria Anthozoa Stylaraea punctata (Chidarians Chid		Teleostei					
Chordata Teleostei Vanderhorstia ornatissima fish LC unartail grouper Chordata Teleostei Variola louti fish LC yes oceanic lightfish Chordata Teleostei Viniciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Xanthichthys mento fish LC yes redtail triggerfish Chordata Teleostei Yongeichthys criniger fish LC yes redtail triggerfish Chordata Teleostei Zanclus cornutus fish LC yes redtail triggerfish Chordata Teleostei Zanclus cornutus fish LC Moorata Teleostei Zebrasoma velifer fish LC Chordata Teleostei Zebrasoma velifer Ghelonia mydas turtles EN green turtle, tortue verte Chidaria Anthozoa Acrossota amboinensis cnidarians yes Cnidaria Anthozoa Boloceroides mcmurrichi cnidarians yes Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Chidaria Anthozoa Edwardsia longicornis cnidarians LC Chidaria Anthozoa Edwardsia longicornis cnidarians LC Chidaria Anthozoa Leptastrea purpurea cnidarians LC Chidaria Anthozoa Pavona cactus cnidarians LC yes serpent coral Cnidaria Anthozoa Pavona cactus cnidarians LC yes serpent coral Cnidaria Anthozoa Pavona cactus cnidarians LC yes serpent coral Cnidaria Anthozoa Pocillopora acuta cnidarians LC yes serpent coral Cnidaria Anthozoa Pocillopora acuta cnidarians LC yes serpent coral Cnidaria Anthozoa Pocillopora acuta cnidarians LC yes serpent coral Cnidaria Anthozoa Pocillopora acuta cnidarians LC yes serpent coral Cnidaria Anthozoa Pocillopora acuta cnidarians LC yes serpent coral Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC hump coral Cnidaria Anthozoa Siluorota hexagonalis cnidarians LC conidarians LC conidaria Anthozoa Siluorota hexagonalis cnidarians LC conidaria Anthozoa Stylaraea punctata cnidarians NT hood coral cridaria Anthozoa Stylaraea punctata cnidarians NT hood coral cridaria Anthozoa Triactis producta cnidarians NT hood coral cridaria Anthozoa Anthonzoa Stylaraea punctata cnidarians NT hood coral cridaria Hydrozoa Antennella secundaria cnidarians yes		Teleostei					
Chordata Teleostei Variola louti fish LC yes oceanic lightfish Chordata Teleostei Vinciguerria nimbaria fish LC yes redtail triggerfish Teleostei Vinciguerria nimbaria fish LC yes redtail triggerfish Teleostei Teleostei Yongeichthys criniger fish LC yes redtail triggerfish Teleostei Zanclus cornutus fish LC Moorish idol Teleostei Zanclus cornutus fish LC Moorish idol Teleostei Zebrasoma velifer fish Chordata Teleostei Zebrasoma velifer fish Chelonia mydas turtles EN green turtle, tortue verte Chidaria Anthozoa Adrossota amboinensis cnidarians yes Cnidaria Anthozoa Andvakia discipulorum cnidarians yes Chidaria Anthozoa Dipsastraea pallida cnidarians yes Chidaria Anthozoa Dipsastraea pallida cnidarians LC Chidaria Anthozoa Edwardsia longicornis cnidarians LC Chidaria Anthozoa Edwardsia longicornis cnidarians LC Indiaria Anthozoa Favites pentagona cnidarians LC Iarger star coral Chidaria Anthozoa Pachyseris speciosa cnidarians LC yes Serpent coral Chidaria Anthozoa Pachyseris speciosa cnidarians LC yes Serpent coral Chidaria Anthozoa Pachyseris speciosa cnidarians LC yes Serpent coral Leaf coral Chidaria Anthozoa Pacona cactus cnidarians LC yes Serpent coral Leaf coral Chidaria Anthozoa Pocillopora acuta cnidarians LC yes Serpent coral Leaf coral Chidaria Anthozoa Pocillopora cactus cnidarians LC yes Serpent coral Leaf coral Chidaria Anthozoa Pocillopora cactus cnidarians LC yes Serpent coral Leaf coral Chidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC yes Serpent coral Leaf coral Chidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC yes Serpent coral LC Chidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC yes Serpent coral LC Chidaria Anthozoa Stylaraea punctata cnidarians LC yes Serpent coral Chidaria Anthozoa Stylaraea punctata cnidarians LC yes Serpent coral Chidaria Anthozoa Stylaraea punctata cnidarians LC yes Serpent coral Chidaria Anthozoa Stylaraea punctata cnidarians NT hood coral crustaria Anthozoa Antennella secundaria cnidarians yes							9 7
Chordata Teleostei Vinciguerria nimbaria fish LC yes oceanic lightfish Chordata Teleostei Xanthichthys mento fish LC yes redtail triggerfish Teleostei Yongeichthys criniger fish LC yes redtail triggerfish Teleostei Teleostei Zanclus cornutus fish LC Moorish idol Teleostei Zebrasoma velifer fish LC Moorish idol Teleostei Zebrasoma velifer fish LC Moorish idol Teleostei Chordata Teleostei Zebrasoma velifer fish LC Moorish idol Teleostei Chordata Teleostei Zebrasoma velifer fish Chelonia mydas turtles EN green turtle, tortue verte Chidaria Anthozoa Acrossota amboinensis cnidarians yes Chidaria Anthozoa Moorisha discipulorum cnidarians yes Chidaria Anthozoa Boloceroides mcmurrichi cnidarians LC Chidaria Anthozoa Dipsastraea pallida cnidarians LC Chidaria Anthozoa Edwardsia longicornis cnidarians LC Chidaria Anthozoa Edwardsia longicornis cnidarians LC Chidaria Anthozoa Edwardsia longicornis cnidarians LC Chidaria Anthozoa Leptastrea purpurea cnidarians LC Chidaria Anthozoa Pachyseris speciosa cnidarians Vyes Serpent coral Chidaria Anthozoa Pachyseris speciosa cnidarians Vyes Serpent coral Chidaria Anthozoa Pocillopora acuta cnidarians Vyes Serpent coral Chidaria Anthozoa Pocillopora acuta cnidarians LC Chidaria Anthozoa Posimomocora nierstraszi cnidarians LC Chidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Chidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Chidaria Anthozoa Stylora pistillata cnidarians DD Chidaria Anthozoa Stylora pistillata cnidarians NT hood coral Cnidaria Anthozoa Stylora Producta cnidarians NT hood coral Cnidaria Anthozoa Stylora pistillata cnidarians NT hood coral Crab anemone Chidaria Hydrozoa Antennella secundaria							
Chordata Teleostei Xanthichthys mento fish LC yes redtail triggerfish Yongeichthys criniger fish yes Chordata Teleostei Yongeichthys criniger fish LC yes yes Chordata Teleostei Zanclus cornutus fish LC Moorish idol Teleostei Zebrasoma velifer fish Chordata Teleostei Zebrasoma velifer fish Chordata Anthozoa Acrossota amboinensis chidarians yes Chidaria Anthozoa Andvakia discipulorum chidarians yes Chidaria Anthozoa Boloceroides mcmurrichi chidaria Anthozoa Boloceroides mcmurrichi chidarians LC Chidaria Anthozoa Edwardsia longicornis chidaria Anthozoa Edwardsia longicornis chidaria Anthozoa Favites pentagona chidarians LC chidaria Anthozoa Favites pentagona chidarians LC cridarians LC cridaria Anthozoa Nanozoanthus harenaceus chidarians LC cridarians LC cridaria Anthozoa Pachyseris speciosa chidarians LC cridarians LC cridaria Anthozoa Pachyseris speciosa chidarians LC yes serpent coral chidaria Anthozoa Pachyseris speciosa chidarians LC yes cridarians LC cridarians LC cridarians LC cridarians LC yes corporate chidaria Anthozoa Pachyseris speciosa chidarians LC yes corporate chidarian Anthozoa Pachyseris speciosa chidarians LC yes corporate chidarians LC yes corporate chidarians LC yes corporate chidarians LC yes corporate chidarians LC chidaria Anthozoa Porites lutea chidarians LC yes corporate chidarians LC chidaria Anthozoa Stylophora elerstraszi chidarians LC yes corporate chidarians LC chidaria Anthozoa Stylophora pistillata chidarians LC chidarians LC chidarians LC chidarians Anthozoa Stylophora pistillata chidarians NT hood coral chidaria Anthozoa Stylophora pistillata chidarians yes crab anemone chidarians Chidarian Hydrozoa Antennella secundaria chidarians yes						ves	
Chordata Teleostei Yongeichthys criniger fish LC Moorish idol Chordata Teleostei Zanclus cornutus fish LC Moorish idol Chordata Teleostei Zebrasoma velifer fish Chordata Chelonia mydas turtles EN green turtle, tortue verte Cnidaria Anthozoa Acrossota amboinensis cnidarians yes Cnidaria Anthozoa Andvakia discipulorum cnidarians yes Cnidaria Anthozoa Boloceroides mcmurrichi cnidarians yes Cnidaria Anthozoa Dipsastraea pallida cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Leptastrea purpurea cnidarians LC Cnidaria Anthozoa Leptastrea purpurea cnidarians LC Cnidaria Anthozoa Nanozoanthus harenaceus cnidarians LC Cnidaria Anthozoa Pachyseris speciosa cnidarians LC Cnidaria Anthozoa Pachyseris speciosa cnidarians VU Cnidaria Anthozoa Pacona cactus cnidarians VU Cnidaria Anthozoa Porites lutea cnidarians LC Cnidaria Anthozoa Porites lutea cnidarians LC Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Cnidaria Anthozoa Sinuorota hexagonalis cnidarians LC Cnidaria Anthozoa Sinuorota hexagonalis cnidarians LC Cnidaria Anthozoa Stylaraea punctata cnidarians LC Cnidaria Anthozoa Stylophora pistillata cnidarians NT hood coral Cnidaria Anthozoa Stylophora pistillata cnidarians NT hood coral Cnidaria Anthozoa Antennella secundaria cnidarians vyes crab anemone							
Chordata Teleostei Zanclus cornutus fish LC Moorish idol Chordata Teleostei Zebrasoma velifer fish Chordata Chelonia mydas turtles EN green turtle, tortue verte Cnidaria Anthozoa Acrossota amboinensis cnidarians yes Cnidaria Anthozoa Andvakia discipulorum cnidarians yes Cnidaria Anthozoa Boloceroides mcmurrichi cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Leptastrea purpurea cnidarians LC Cnidaria Anthozoa Leptastrea purpurea cnidarians LC Cnidaria Anthozoa Nanozoanthus harenaceus cnidarians LC Cnidaria Anthozoa Pachyseris speciosa cnidarians LC Cnidaria Anthozoa Pavona cactus cnidarians VU leaf coral Cnidaria Anthozoa Pocillopora acuta cnidarians VU leaf coral Cnidaria Anthozoa Porites lutea cnidarians LC Cnidaria Anthozoa Porites lutea cnidarians LC Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Cnidaria Anthozoa Stylaraea punctata cnidarians LC Cnidaria Anthozoa Stylaraea punctata cnidarians LC Cnidaria Anthozoa Stylophora pistillata cnidarians NT hood coral Cnidaria Anthozoa Triactis producta cnidarians NT hood coral Cnidaria Anthozoa Antennella secundaria cnidarians NT hood coral Cnidaria Anthozoa Antennella secundaria cnidarians Vyes crab anemone							reacan triggernen
Chordata Anthozoa Acrossota amboinensis Cnidaria Anthozoa Andvakia discipulorum Cnidarians Chidaria Anthozoa Anthozoa Chidaria Chidaria Chidaria Anthozoa Chidaria Chidaria Chidaria Anthozoa Chidaria Chidaria Anthozoa Chidaria Chidaria Anthozoa Chidaria Chidaria Anthozoa Chidaria Ch			3 , 3		LC	, 00	Moorish idol
Chordata Chelonia mydas turtles EN green turtle, tortue verte Cnidaria Anthozoa Acrossota amboinensis cnidarians yes Cnidaria Anthozoa Andvakia discipulorum cnidarians yes Cnidaria Anthozoa Boloceroides mcmurrichi cnidarians yes Cnidaria Anthozoa Dipsastraea pallida cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC Cnidaria Anthozoa Leptastrea purpurea cnidarians LC Cnidaria Anthozoa Leptastrea purpurea cnidarians LC Cnidaria Anthozoa Nanozoanthus harenaceus cnidarians LC Cnidaria Anthozoa Pachyseris speciosa cnidarians LC Cnidaria Anthozoa Pavona cactus cnidarians VU Cnidaria Anthozoa Porites lutea cnidarians LC Cnidaria Anthozoa Porites lutea cnidarians LC Cnidaria Anthozoa Porites lutea cnidarians LC Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Cnidaria Anthozoa Stylaraea punctata cnidarians LC Cnidaria Anthozoa Stylaraea punctata cnidarians LC Cnidaria Anthozoa Stylophora pistillata cnidarians NT hood coral Cnidaria Anthozoa Triactis producta cnidarians yes crab anemone Cnidaria Anthozoa Antennella secundaria cnidarians yes					_0		moonen laci
CnidariaAnthozoaAcrossota amboinensiscnidariansyesCnidariaAnthozoaAndvakia discipulorumcnidariansyesCnidariaAnthozoaBoloceroides mcmurrichicnidariansyesCnidariaAnthozoaDipsastraea pallidacnidariansLCCnidariaAnthozoaEdwardsia longicorniscnidariansLCCnidariaAnthozoaEdwardsia longicorniscnidariansLCCnidariaAnthozoaFavites pentagonacnidariansLClarger star coralCnidariaAnthozoaLeptastrea purpureacnidariansLCcrust coralCnidariaAnthozoaNanozoanthus harenaceuscnidariansLCyesserpent coralCnidariaAnthozoaPachyseris speciosacnidariansLCyesserpent coralCnidariaAnthozoaPacoral cactuscnidariansVUleaf coralCnidariaAnthozoaPocillopora acutacnidariansLChump coralCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaSarcophyton ehrenbergicnidariansLCcnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDhood coralCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella s		. 0.0000			FN		green turtle tortue verte
CnidariaAnthozoaAndvakia discipulorumcnidariansyesCnidariaAnthozoaBoloceroides mcmurrichicnidariansyesCnidariaAnthozoaDipsastraea pallidacnidariansLCCnidariaAnthozoaEdwardsia longicorniscnidariansLClarger star coralCnidariaAnthozoaFavites pentagonacnidariansLClarger star coralCnidariaAnthozoaLeptastrea purpureacnidariansLCcrust coralCnidariaAnthozoaNanozoanthus harenaceuscnidariansLCyesCnidariaAnthozoaPachyseris speciosacnidariansLCyesCnidariaAnthozoaPavona cactuscnidariansVUleaf coralCnidariaAnthozoaPocillopora acutacnidariansVUleaf coralCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLChump coralCnidariaAnthozoaSarcophyton ehrenbergicnidariansLCyesCnidariaAnthozoaStylarea punctatacnidariansLChood coralCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaAnthozoaAntennella secundariacnidariansyescrab anemone		Anthozoa	3			ves	9. 55.1 54. 5.5, 55. 54.5 75. 55
Cnidaria Anthozoa Boloceroides mcmurrichi cnidarians LC Cnidaria Anthozoa Dipsastraea pallida cnidarians LC Cnidaria Anthozoa Edwardsia longicornis cnidarians LC User Cnidaria Anthozoa Edwardsia longicornis Cnidarians LC User Cnidaria Anthozoa Eavites pentagona cnidarians LC User Crust coral Cnidaria Anthozoa Leptastrea purpurea Cnidarians LC Crust coral Cnidaria Anthozoa Nanozoanthus harenaceus Cnidarians LC User Serpent coral Cnidaria Anthozoa Pachyseris speciosa Cnidarians LC User Serpent coral Cnidaria Anthozoa Pavona cactus Cnidarians VU Leaf Coral Cnidaria Anthozoa Pocillopora acuta Cnidarians VU Leaf Coral Cnidaria Anthozoa Porites lutea Cnidarians LC Hump coral Cnidaria Anthozoa Pasammocora nierstraszi Cnidarians LC Hump coral Cnidaria Anthozoa Sarcophyton ehrenbergi Cnidarians LC User Cnidaria Anthozoa Sinuorota hexagonalis Cnidarians LC Cnidaria Anthozoa Stylaraea punctata Cnidarians DD Cnidaria Anthozoa Stylophora pistillata Cnidarians NT hood coral Cnidaria Anthozoa Triactis producta Cnidarians Ves Crab anemone Cnidaria Anthozoa Anthozoa Stylophora pistillata Cnidarians Ves Crab anemone Cnidaria Anthozoa Antennella secundaria Cnidarians Ves Crab anemone Antennella secundaria Cnidarians Ves Crab anemone Ves Cnidaria Anthozoa Antennella secundaria Cnidarians Ves Crab anemone Ves Cnidarian Anthozoa Antennella secundaria Cnidarians Ves Crab anemone Ves Cnidarian Cnidarian Cnidarians Ves Crab anemone Ves Cnidaria Anthozoa Antennella secundaria Cnidarians Ves Crab anemone Ves Cnidarian Cnidarians Ves Crab Antennella Secundaria Cnidarians Ves Crab Anten							
CnidariaAnthozoaDipsastraea pallidacnidariansLCCnidariaAnthozoaEdwardsia longicorniscnidariansLCCnidariaAnthozoaFavites pentagonacnidariansLClarger star coralCnidariaAnthozoaLeptastrea purpureacnidariansLCcrust coralCnidariaAnthozoaNanozoanthus harenaceuscnidariansLCyesCnidariaAnthozoaPachyseris speciosacnidariansLCyesCnidariaAnthozoaPavona cactuscnidariansVUleaf coralCnidariaAnthozoaPocillopora acutacnidariansVUleaf coralCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLChump coralCnidariaAnthozoaSarcophyton ehrenbergicnidariansLCcnidariansCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes			•			-	
CnidariaAnthozoaEdwardsia longicorniscnidariansyesCnidariaAnthozoaFavites pentagonacnidariansLClarger star coralCnidariaAnthozoaLeptastrea purpureacnidariansLCcrust coralCnidariaAnthozoaNanozoanthus harenaceuscnidariansLCyesCnidariaAnthozoaPachyseris speciosacnidariansLCyesCnidariaAnthozoaPavona cactuscnidariansVUleaf coralCnidariaAnthozoaPocillopora acutacnidariansyesCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLChump coralCnidariaAnthozoaSarcophyton ehrenbergicnidariansLCyesCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCCnidariaAnthozoaStylarea punctatacnidariansDDhood coralCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaAnthozoaAntennella secundariacnidariansyescrab anemone					I C	yes	
CnidariaAnthozoaFavites pentagonacnidariansLClarger star coralCnidariaAnthozoaLeptastrea purpureacnidariansLCcrust coralCnidariaAnthozoaNanozoanthus harenaceuscnidariansyesCnidariaAnthozoaPachyseris speciosacnidariansLCyesserpent coralCnidariaAnthozoaPavona cactuscnidariansVUleaf coralCnidariaAnthozoaPocillopora acutacnidariansyesCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLChump coralCnidariaAnthozoaSarcophyton ehrenbergicnidariansLCCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes			·		LC	Ves	
Cnidaria Anthozoa Leptastrea purpurea cnidarians LC crust coral Cnidaria Anthozoa Nanozoanthus harenaceus cnidarians yes Cnidaria Anthozoa Pachyseris speciosa cnidarians LC yes serpent coral Cnidaria Anthozoa Pavona cactus cnidarians VU leaf coral Cnidaria Anthozoa Pocillopora acuta cnidarians LC yes Cnidaria Anthozoa Porites lutea cnidarians LC hump coral Cnidaria Anthozoa Psammocora nierstraszi cnidarians LC Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Cnidaria Anthozoa Sinuorota hexagonalis cnidarians LC Cnidaria Anthozoa Stylaraea punctata cnidarians DD Cnidaria Anthozoa Stylophora pistillata cnidarians NT hood coral Cnidaria Anthozoa Triactis producta cnidarians yes crab anemone Cnidaria Anthozoa Antennella secundaria cnidarians yes crab anemone			<u> </u>		I C	yes	larger star coral
CnidariaAnthozoaNanozoanthus harenaceuscnidariansyesCnidariaAnthozoaPachyseris speciosacnidariansLCyesserpent coralCnidariaAnthozoaPavona cactuscnidariansVUleaf coralCnidariaAnthozoaPocillopora acutacnidariansyesCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLCCnidariaAnthozoaSarcophyton ehrenbergicnidariansyesCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes			. 9				3
ČnidariaAnthozoaPachyseris speciosacnidariansLCyesserpent coralCnidariaAnthozoaPavona cactuscnidariansVUleaf coralCnidariaAnthozoaPocillopora acutacnidariansyesCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLCtump coralCnidariaAnthozoaSarcophyton ehrenbergicnidariansLCyesCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDhood coralCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyescrab anemone			· · · · · ·		LC	Ves	crust corui
Cnidaria Anthozoa Pavona cactus cnidarians VU leaf coral Cnidaria Anthozoa Pocillopora acuta cnidarians yes Cnidaria Anthozoa Porites lutea cnidarians LC hump coral Cnidaria Anthozoa Psammocora nierstraszi cnidarians LC Cnidaria Anthozoa Sarcophyton ehrenbergi cnidarians LC Cnidaria Anthozoa Sinuorota hexagonalis cnidarians LC Cnidaria Anthozoa Stylaraea punctata cnidarians DD Cnidaria Anthozoa Stylophora pistillata cnidarians NT hood coral Cnidaria Anthozoa Triactis producta cnidarians yes crab anemone Cnidaria Anthozoa Antennella secundaria cnidarians yes					l C		sement coral
CnidariaAnthozoaPocillopora acutacnidariansyesCnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLCyesCnidariaAnthozoaSarcophyton ehrenbergicnidariansLCCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes			,			yes	•
CnidariaAnthozoaPorites luteacnidariansLChump coralCnidariaAnthozoaPsammocora nierstraszicnidariansLCCnidariaAnthozoaSarcophyton ehrenbergicnidariansyesCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes					VO	VAC	icai corai
CnidariaAnthozoaPsammocora nierstraszicnidariansLCCnidariaAnthozoaSarcophyton ehrenbergicnidariansyesCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes			· · · · · · · · · · · · · · · · · · ·		l C	ycs	hump coral
CnidariaAnthozoaSarcophyton ehrenbergicnidariansyesCnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes							nump corai
CnidariaAnthozoaSinuorota hexagonaliscnidariansLCCnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes					LC	V/OC	
CnidariaAnthozoaStylaraea punctatacnidariansDDCnidariaAnthozoaStylophora pistillatacnidariansNThood coralCnidariaAnthozoaTriactis productacnidariansyescrab anemoneCnidariaHydrozoaAntennella secundariacnidariansyes					1.0	yes	
Cnidaria Anthozoa Stylophora pistillata cnidarians NT hood coral Cnidaria Anthozoa Triactis producta cnidarians yes crab anemone Cnidaria Hydrozoa Antennella secundaria cnidarians yes							
Cnidaria Anthozoa Triactis producta cnidarians yes crab anemone Cnidaria Hydrozoa Antennella secundaria cnidarians yes							hood coral
Cnidaria Hydrozoa Antennella secundaria cnidarians yes					INI	VOC	
· · · · · · · · · · · · · · · · · · ·			•			-	Crab andiffule
CHIQATIA TIVOTOZOA ADALIZATICIEA GIVETGETS CHIQATIANS VES						-	
		3					
Cnidaria Hydrozoa Cladonema multiramosum cnidarians yes Cnidaria Hydrozoa Clytia gracilis cnidarians ves		3					
Cnidaria Hydrozoa Clytia gracilis cnidarians yes Cnidaria Hydrozoa Diphyes bojani cnidarians		3				yes	

phylum	class	species	group	category	new	vernacular
Cnidaria	Hydrozoa	Diphyes dispar	cnidarians		yes	
Cnidaria	Hydrozoa	Euphysilla pyramidata	cnidarians		yes	
Cnidaria	Hydrozoa	Kirchenpaueria halecioides	cnidarians		yes	
Cnidaria	Hydrozoa	Laodicea undulata	cnidarians		yes	
Cnidaria	Hydrozoa	Lensia campanella	cnidarians		yes	
Cnidaria	Hydrozoa	Nanomia bijuga	cnidarians		yes	
Cnidaria	Hydrozoa	Obelia bidentata	cnidarians		yes	doubletoothed hydroid
Cnidaria	Hydrozoa	Physalia physalis	cnidarians		yes	Portuguese man-of-war, galère portugaise
Cnidaria	Hydrozoa	Solmundella bitentaculata	cnidarians		,	3 , 3 , 3
Cnidaria	Hydrozoa	Sphaerocoryne bedoti	cnidarians		yes	
Cnidaria	Hydrozoa	Sphaeronectes koellikeri	cnidarians		yes	
Cnidaria	Hydrozoa	Stauridiosarsia nipponica	cnidarians		ves	
Cnidaria	Scyphozoa	Pelagia panopyra	cnidarians		yes	
Cryptophyta	Cryptophyceae	Hemiarma marina			yes	
Ctenophora	Tentaculata	Vallicula multiformis	cnidarians		ves	
Echinodermata	Asteroidea	Aguilonastra anomala	echinoderms		yes	
Echinodermata	Asteroidea	Mithrodia clavigera	echinoderms		yes	
Echinodermata	Echinoidea	Echinometra mathaei	echinoderms		yes	rock-boring urchin
Echinodermata	Echinoidea	Echinostrephus molaris	echinoderms		yes	rock borning drennin
Echinodermata	Echinoidea	Echinothrix calamaris	echinoderms		yes	banded sea urchin
Echinodermata	Echinoidea	Echinothrix diadema	echinoderms		yes	blue-black urchin
Echinodermata	Echinoidea	Eucidaris metularia	echinoderms		yes	blue-black dicilli
Echinodermata	Echinoidea	Koehleraster abnormalis	echinoderms		yes	
Echinodermata	Echinoidea	Toxopneustes pileolus	echinoderms		yes	
Echinodermata	Echinoidea	Tripneustes depressus	echinoderms			
Echinodermata	Echinoidea	•	echinoderms		yes	collector urchin
		Tripneustes gratilla		\ /I I	yes	collector urchin
Echinodermata	Holothuroidea	Actinopyga mauritiana	echinoderms	VU	yes	
Echinodermata	Holothuroidea	Actinopyga obesa	echinoderms	DD	yes	
Echinodermata	Holothuroidea	Bohadschia cousteaui	echinoderms	LC	yes	
Echinodermata	Holothuroidea	Bohadschia koellikeri	echinoderms	DD	yes	
Echinodermata	Holothuroidea	Bohadschia vitiensis	echinoderms	DD	yes	
Echinodermata	Holothuroidea	Chiridota impatiens	echinoderms		yes	
Echinodermata	Holothuroidea	Holothuria (Lessonothuria) insignis	echinoderms		yes	
Echinodermata	Holothuroidea	Holothuria (Lessonothuria) pardalis	echinoderms		yes	
Echinodermata	Holothuroidea	Holothuria (Stauropora) pervicax	echinoderms		yes	
Echinodermata	Holothuroidea	Holothuria (Thymiosycia) arenicola	echinoderms		yes	
Echinodermata	Holothuroidea	Holothuria atra	echinoderms	LC	yes	
Echinodermata	Holothuroidea	Labidodemas pertinax	echinoderms	LC	yes	
Echinodermata	Holothuroidea	Stichopus chloronotus	echinoderms	LC		
Echinodermata	Ophiuroidea	Amphipholis squamata	echinoderms			dwarf brittle star
Echinodermata	Ophiuroidea	Amphiura (Amphiura) velox	echinoderms		yes	
Echinodermata	Ophiuroidea	Breviturma brevipes	echinoderms			
Echinodermata	Ophiuroidea	Breviturma doederleini	echinoderms		yes	
Echinodermata	Ophiuroidea	Breviturma pica	echinoderms			
Echinodermata	Ophiuroidea	Macrophiothrix longipeda	echinoderms		yes	
Echinodermata	Ophiuroidea	Macrophiothrix propinqua	echinoderms			
Echinodermata	Ophiuroidea	Ophiactis picteti	echinoderms		yes	
Echinodermata	Ophiuroidea	Ophiactis savignyi	echinoderms		-	
Echinodermata	Ophiuroidea	Ophiocoma cynthiae	echinoderms		yes	
Echinodermata	Ophiuroidea	Ophiocoma erinaceus	echinoderms		-	

phylum	class	species	group	category	new	vernacular
Echinodermata	Ophiuroidea	Ophiocoma scolopendrina	echinoderms			
Echinodermata	Ophiuroidea	Ophiocomella valenciae	echinoderms		yes	
Echinodermata	Ophiuroidea	Ophionereis porrecta	echinoderms		yes	
Gastrotricha		Urodasys calicostylis			yes	
Haptophyta	Coccolithophyceae	Chrysochromulina tobinii	algae		yes	
Haptophyta	Coccolithophyceae	Emiliania huxleyi	algae		yes	
Haptophyta	Coccolithophyceae	Phaeocystis globosa	algae		yes	
Haptophyta	Coccolithophyceae	Phaeocystis pouchetii	algae		yes	
Hemichordata	Enteropneusta	Ptychodera flava	<u> </u>		yes	Hawaiian acorn worm
Mollusca	Bivalvia	Brachidontes variabilis	molluscs		yes	variable mussel
Mollusca	Bivalvia	Dendostrea sandvichensis	molluscs		yes	
Mollusca	Bivalvia	Leiosolenus hanleyanus	molluscs		yes	
Mollusca	Bivalvia	Pinctada persica	molluscs		yes	
Mollusca	Bivalvia	Tridacna squamosa	molluscs	LR/cd	yes	giant clam
Mollusca	Cephalopoda	Callistoctopus aspilosomatis	molluscs	LC	ves	grant stann
Mollusca	Cephalopoda	Callistoctopus ornatus	molluscs	LC	yes	ornate octopus
Mollusca	Cephalopoda	Octopus cyanea	molluscs	LC		Cyane's octopus
Mollusca	Gastropoda	Aliculastrum parallelum	molluscs	LC	ves	Cyane 3 Octopus
Mollusca	Gastropoda	Apataxia cerithiiformis	molluscs		yes	
Mollusca	Gastropoda	Aplysia argus	molluscs		-	
Mollusca	Gastropoda	Aplysia argus Aplysia parvula	molluscs		yes yes	dwarf sea hare, petit lièvre de mer
Mollusca	Gastropoda	Atys semistriatus	molluscs			dwarf sea nare, petit lievre de mei
Mollusca	Gastropoda	Berthellina delicata	molluscs		yes	
Mollusca	Gastropoda	Biuve fulvipunctata	molluscs		yes	
					yes	
Mollusca	Gastropoda	Bulla vernicosa	molluscs		yes	
Mollusca	Gastropoda	Caducifer decapitatus	molluscs		yes	
Mollusca	Gastropoda	Canarium mutabile	molluscs		yes	
Mollusca	Gastropoda	Carminodoris grandiflora	molluscs		yes	
Mollusca	Gastropoda	Cerithium atromarginatum	molluscs		yes	
Mollusca	Gastropoda	Cerithium egenum	molluscs		yes	
Mollusca	Gastropoda	Cerithium nesioticum	molluscs		yes	
Mollusca	Gastropoda	Cerithium nodulosum	molluscs		yes	Nadelschnecke giant knobbed cerith
Mollusca	Gastropoda	Cerithium rostratum	molluscs			
Mollusca	Gastropoda	Cheilea equestris	molluscs		yes	false cup-and-saucer limpet
Mollusca	Gastropoda	Chelidonura hirundinina	molluscs		yes	
Mollusca	Gastropoda	Corolla spectabilis	molluscs		yes	
Mollusca	Gastropoda	Creseis virgula	molluscs		yes	
Mollusca	Gastropoda	Cyerce elegans	molluscs		yes	
Mollusca	Gastropoda	Dendropoma platypus	molluscs		yes	
Mollusca	Gastropoda	Discodoris boholiensis	molluscs		yes	
Mollusca	Gastropoda	Dolabella auricularia	molluscs		yes	wedge sea hare
Mollusca	Gastropoda	Dolabrifera dolabrifera	molluscs		yes	
Mollusca	Gastropoda	Dolabrifera edmundsi	molluscs		yes	
Mollusca	Gastropoda	Doriopsis pecten	molluscs		yes	
Mollusca	Gastropoda	Elysia obtusa	molluscs		yes	
Mollusca	Gastropoda	Elysia ornata	molluscs		yes	lettuce slug
Mollusca	Gastropoda	Elysia pusilla	molluscs		yes	•
Mollusca	Gastropoda	Ercolania annelyleorum	molluscs		yes	
Mollusca	Gastropoda	Favorinus japonicus	molluscs		yes	
Mollusca	Gastropoda	Firoloida desmarestia	molluscs		yes	

phylum	class	species	group	category	new	vernacular
Mollusca	Gastropoda	Glossodoris hikuerensis	molluscs		yes	
Mollusca	Gastropoda	Goniobranchus vibratus	molluscs		yes	
Mollusca	Gastropoda	Gutturnium muricinum	molluscs		yes	
Mollusca	Gastropoda	Halgerda indotessellata	molluscs		yes	
Mollusca	Gastropoda	Haloa pemphis	molluscs		yes	
Mollusca	Gastropoda	Heliconoides inflatus	molluscs		yes	
Mollusca	Gastropoda	Hexabranchus sanguineus	molluscs		yes	Spanish dancer
Mollusca	Gastropoda	Hyalopatina planata	molluscs		yes	
Mollusca	Gastropoda	Indomodulus tectum	molluscs		yes	
Mollusca	Gastropoda	lotyrris cingulifera	molluscs		yes	
Mollusca	Gastropoda	Lamprohaminoea cymbalum	molluscs		yes	
Mollusca	Gastropoda	Littoraria subvittata	molluscs		-	
Mollusca	Gastropoda	Lophocochlias parvissimus	molluscs		yes	
Mollusca	Gastropoda	Luria isabella	molluscs		,	dirty-yellow cowrie
Mollusca	Gastropoda	Lyncina vitellus	molluscs		yes	
Mollusca	Gastropoda	Mitrella rorida	molluscs		yes	
Mollusca	Gastropoda	Monetaria caputserpentis	molluscs		,	serpent's head cowry
Mollusca	Gastropoda	Monoplex mundus	molluscs		yes	sorpone s noda com,
Mollusca	Gastropoda	Myurella affinis	molluscs		yes	
Mollusca	Gastropoda	Naria helvola	molluscs		y 03	
Mollusca	Gastropoda	Oxynoe kylei	molluscs		yes	
Mollusca	Gastropoda	Oxynoe viridis	molluscs		yes	
Mollusca	Gastropoda	Palmadusta ziczac	molluscs		yes	
Mollusca	Gastropoda	Phanerophthalmus lentigines	molluscs		yes	
Mollusca	Gastropoda	Phanerophthalmus minikoiensis	molluscs		yes	
Mollusca	Gastropoda	Phanerophthalmus paulayi	molluscs			
Mollusca	Gastropoda	Philinopsis speciosa	molluscs		yes	
Mollusca	Gastropoda		molluscs		yes	
Mollusca	Gastropoda	Phyllidia goalastis	molluscs		yes	
Mollusca	•	Phyllidia coelestis Placida kevinleei	molluses		yes	
	Gastropoda		molluses		yes	Familia Parada a Uralina
Mollusca	Gastropoda	Pleurobranchus forskalii				Forskal's sidegill slug
Mollusca	Gastropoda	Pleurobranchus peronii	molluscs		yes	
Mollusca	Gastropoda	Pleurobranchus varians	molluscs		yes	
Mollusca	Gastropoda	Polybranchia jensenae	molluscs		yes	
Mollusca	Gastropoda	Pterotrachea hippocampus	molluscs		yes	
Mollusca	Gastropoda	Rissoina ambigua	molluscs		yes	
Mollusca	Gastropoda	Samla bicolor	molluscs		yes	
Mollusca	Gastropoda	Seminella virginea	molluscs		yes	
Mollusca	Gastropoda	Stylocheilus striatus	molluscs		yes	
Mollusca	Gastropoda	Thuridilla livida	molluscs			
Mollusca	Gastropoda	Tomoberthella martensi	molluscs		yes	
Myzozoa	Dinophyceae	Amphidinium massartii	unicellular		yes	
Myzozoa	Dinophyceae	Crypthecodinium cohnii	unicellular		yes	
Myzozoa	Dinophyceae	Karenia brevis	unicellular		yes	
Myzozoa	Dinophyceae	Protoceratium reticulatum	unicellular		yes	
Myzozoa	Dinophyceae	Yihiella yeosuensis	unicellular		yes	
Ochrophyta	Dictyochophyceae	Octactis octonaria	algae		yes	
Ochrophyta	Dictyochophyceae	Pseudochattonella farcimen	algae		yes	
Ochrophyta	Dictyochophyceae	Vicicitus globosus	algae		yes	
Ochrophyta	Pelagophyceae	Pelagomonas calceolata	algae		yes	

phylum	class	species	group	category	new	vernacular
Ochrophyta	Phaeophyceae	Canistrocarpus cervicornis	algae		yes	
Ochrophyta	Phaeophyceae	Dictyota bartayresiana	algae		yes	
Ochrophyta	Phaeophyceae	Dictyota ceylanica	algae		yes	
Ochrophyta	Phaeophyceae	Dictyota ciliolata	algae		yes	
Ochrophyta	Phaeophyceae	Dictyota friabilis	algae		yes	
Ochrophyta	Phaeophyceae	Hydroclathrus tenuis	algae		yes	
Ochrophyta	Phaeophyceae	Lobophora obscura	algae		yes	
Ochrophyta	Phaeophyceae	Padina boergesenii	algae		yes	
Ochrophyta	Phaeophyceae	Turbinaria conoides	algae		-	
Ochrophyta	Raphidophyceae	Haramonas dimorpha	algae		yes	
Platyhelminthes		Prosthiostomum torquatum	J		yes	
Porifera	Demospongiae	Acanthotetilla celebensis	sponges		yes	
Porifera	Demospongiae	Axechina raspailioides	sponges		yes	
Porifera	Demospongiae	Biemna ehrenbergi	sponges		yes	
Porifera	Demospongiae	Callyspongia (Cladochalina) plicifera	sponges		yes	
Porifera	Demospongiae	Chalinula molitba	sponges		yes	
Porifera	Demospongiae	Chelonaplysilla erecta	sponges		yes	
Porifera	Demospongiae	Cladocroce burapha	sponges		yes	
Porifera	Demospongiae	Clathria (Clathria) unica	sponges		yes	
Porifera	Demospongiae	Clathria (Clathria) dilica Clathria (Wilsonella) rugosa			-	
Porifera	Demospongiae	Cliona dissimilis	sponges		yes	
Porifera	Demospongiae	Cliona mariae	sponges		yes	Maria Santana's Cliona
Porifera	Demospongiae	Cliothosa aurivillii	sponges		yes	Maria Santana's Chona
Porifera	Demospongiae	Cliothosa delitrix	sponges		yes	
			sponges		yes	
Porifera	Demospongiae	Dysidea arenaria	sponges		yes	crater sponge
Porifera	Demospongiae	Ectyoplasia ferox	sponges		yes	
Porifera	Demospongiae	Fasciospongia cavernosa	sponges		yes	
Porifera	Demospongiae	Galaxia gaviotensis	sponges		yes	
Porifera	Demospongiae	Gelliodes wilsoni	sponges		yes	B
Porifera	Demospongiae	Halichondria (Halichondria) bowerbanki	sponges		yes	Bowerbank's halichondria
Porifera	Demospongiae	Halichondria (Halichondria) okadai	sponges		yes	
Porifera	Demospongiae	Haliclona (Gellius) amboinensis	sponges		yes	
Porifera	Demospongiae	Haliclona (Halichoclona) vansoesti	sponges		yes	
Porifera	Demospongiae	Haliclona pigmentifera	sponges		yes	
Porifera	Demospongiae	Hymeniacidon chloris	sponges		yes	
Porifera	Demospongiae	Hymeniacidon flavia	sponges		yes	
Porifera	Demospongiae	Mycale (Carmia) cecilia	sponges		yes	
Porifera	Demospongiae	Nethea amygdaloides	sponges		yes	
Porifera	Demospongiae	Pachychalina tenera	sponges		yes	
Porifera	Demospongiae	Paracornulum dubium	sponges		yes	
Porifera	Demospongiae	Phorbas bihamiger	sponges		yes	
Porifera	Demospongiae	Phorbas clathratus	sponges		yes	
Porifera	Demospongiae	Pione vastifica	sponges		yes	boring sponge, clione rouge
Porifera	Demospongiae	Pione velans	sponges		yes	-
Porifera	Demospongiae	Rhabderemia sorokinae	sponges		yes	
Porifera	Demospongiae	Sigmaxinella hipposiderus	sponges		yes	
Porifera	Demospongiae	Spirastrella hartmani	sponges		yes	
Porifera	Demospongiae	Stelletta mediterranea	sponges		yes	
Porifera	Demospongiae	Stryphnus mucronatus	sponges		yes	
Porifera	Demospongiae	Tedania (Tedania) tubulifera	sponges		yes	

phylum	class	species	group	category	new	vernacular
Porifera	Demospongiae	Terpios gelatinosus	sponges		yes	
Porifera	Demospongiae	Terpios hoshinota	sponges		yes	
Porifera	Demospongiae	Theonella swinhoei	sponges		yes	
Porifera	Homoscleromorpha	Plakortis deweerdtaephila	sponges		yes	
Rhodophyta	Florideophyceae	Acanthophora spicifera	algae		yes	
Rhodophyta	Florideophyceae	Aphanta ligulata	algae		yes	
Rhodophyta	Florideophyceae	Asparagopsis taxiformis	algae		yes	
Rhodophyta	Florideophyceae	Asteromenia pseudocoalescens	algae		yes	
Rhodophyta	Florideophyceae	Calliblepharis jubata	algae		yes	
Rhodophyta	Florideophyceae	Coelothrix irregularis	algae		yes	
Rhodophyta	Florideophyceae	Galaxaura filamentosa	algae		yes	
Rhodophyta	Florideophyceae	Ganonema pinnatiramosa	algae		yes	
Rhodophyta	Florideophyceae	Gelidiella fanii	algae		yes	
Rhodophyta	Florideophyceae	Gracilaria babae	algae		yes	
Rhodophyta	Florideophyceae	Harveylithon munitum	algae		yes	
Rhodophyta	Florideophyceae	Herposiphonia pecten-veneris	algae		yes	
Rhodophyta	Florideophyceae	Hydrolithon boergesenii	algae		yes	
Rhodophyta	Florideophyceae	Hypnea nigrescens	algae		yes	
Rhodophyta	Florideophyceae	Hypnea spinella	algae			
Rhodophyta	Florideophyceae	Hypnea valentiae	algae			
Rhodophyta	Florideophyceae	Jania adhaerens	algae			
Rhodophyta	Florideophyceae	Kapraunia schneideri	algae		yes	
Rhodophyta	Florideophyceae	Laurencia dendroidea	algae		yes	
Rhodophyta	Florideophyceae	Liagora ceranoides	algae			
Rhodophyta	Florideophyceae	Meredithia compaginata	algae		yes	
Rhodophyta	Florideophyceae	Neogoniolithon brassica-florida	algae		yes	
Rhodophyta	Florideophyceae	Neogoniolithon rhizophorae	algae		yes	
Rhodophyta	Florideophyceae	Neogoniolithon trichotomum	algae		yes	
Rhodophyta	Florideophyceae	Palisada parvipapillata	algae		yes	
Rhodophyta	Florideophyceae	Pterocladiella caerulescens	algae		yes	
Rhodophyta	Florideophyceae	Ramicrusta lateralis	algae		yes	
Rhodophyta	Florideophyceae	Rhodachlya hawaiiana	algae		yes	
Rhodophyta	Florideophyceae	Rhodachlya madagascarensis	algae		yes	
Rhodophyta	Florideophyceae	Sarconema filiforme	algae		yes	
Rhodophyta	Florideophyceae	Spyridia filamentosa	algae		yes	
Rhodophyta	Florideophyceae	Wilsonosiphonia fujiae	algae		yes	
		Amastigomonas debruynei			yes	