

Scleractinia of New Caledonia: check list of reef dwelling species

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The scleractinian corals of New Caledonia and nearby islands and reefs remain poorly known. Up until now, no comprehensive study of the reef corals (scleractinia) fauna has been carried out.

Although New Caledonia was discovered in 1774, the major maritime exploration voyages of the 19th century did not include it in their itineraries. In fact, the first coral collections from the area refer to deep sea (non-zooxanthellate) species obtained by Willey in the Loyalty Islands and were studied by Gardiner (1899). The first specimens collected in New Caledonia proper were gathered by the naturalist François in the vicinity of Noumea and were reef building species. They were to be subsequently studied by Matthai, who published his results in 1923. It is in 1960 that Chevalier undertook (within the frame of the “French expedition to the coral reefs of New Caledonia”, supported by the Singer-Polignac Foundation) to methodically establish a collection of reef corals from New Caledonia, New Hebrides (now Vanuatu), Loyalty islands, and Chesterfield Atoll. As early as 1968, he published a first list of 66 species from Maré (Loyalty Islands). The several thousand specimens collected by Chevalier during his expeditions were to be the basis for a comprehensive morpho-taxonomic study of the scleractinia of French Melanesia. The first two parts were published in 1971 and 1975 respectively, but the enormous task undertaken by Chevalier was to remain unfinished, on account of his premature death. The two important volumes mentioned above provide a detailed account of 93 species of reef-dwelling, zooxanthellate scleractinians from what he had referred to as “French Melanesia” (New Caledonia, New Hebrides, Loyalty Islands, Chesterfield...). Other work of somewhat lesser importance have also contributed to the present knowledge of reef scleractinia of New Caledonia and dependencies. One must mention in particular Woodhead & Weber (1969) who listed 53 genera and subgenera in the reefs of New Caledonia, Wells (1961, 1968), who described a new genus and two new species from the material sent to him by Catala, and especially Wijsman-Best who published in 1972 a revision of the sub-family Faviinae from New Caledonia. Wijsman-Best’s study is important on several counts, but particularly, because the observed intraspecific variations of the colony growth form and skeletal structures are linked to specific environmental conditions. This approach, which represents an improvement on the concept of “ecomorphose” defined by Laborel (1970) in his study of brazilian reef scleractinians lead Wijsman-Best to the notion of “ecotype”. The concept was to be further modified and generalized by Veron & Pichon (1976) who coined the word “ecomorph”. More recently, a number of species from the Chesterfield Islands have been cited or described by Veron & Pichon (1982) and Veron & Wallace (1984). As far as the genus *Acropora* is concerned, the specimens collected in New Caledonia by Pichon and by Wallace herself are included in Wallace’s world revision of the genus (Wallace, 1999). Lastly, the study of the collection at IRD Nouméa, undertaken by the author, has yielded a significant number of new records.

The check list includes 309 zooxanthellate scleractinian species and 4 non-zooxanthellate species commonly found in reef or lagoon environments (*Heterocyathus aequicostatus*, *Heteropsammia cochlea*, *Dendrophyllia micranthus* and *Tubastrea aurea*). The list of scleractinian reef corals is presented in alphabetical order for the families, genera and species. Subfamilies and subgenera have not been specified. It is based —after relevant update of the synonymy— on species for which voucher specimens have been lodged in appropriate institutions and identified by the above mentioned authors. Some species have been originally described described from New Caledonia, and are listed in Table I. (The present status of these species is not discussed here). One should also mention the genus name *Catalaphyllia*, given by Wells to accomodate Saville-Kent’s species *jardinei*, common in some areas of the New Caledonian lagoon such as the Banc Gail, to honour René Catala, co-founder of the Aquarium of Noumea, and one of the pioneers of reef coral studies in New Caledonia.

Table I - List of coral reef scleractinian species described from New Caledonia. Names in bold refer to New Caledonian place names or to major contributors to the knowledge of New Caledonia scleractinian fauna.

Species	Author and date	Type locality	Depth (m)	Museum reg. number
<i>Barabattoia goroensis</i>	Yabe & Sugiyama, 1941	Goro	(no data)	IGPTU 64331
<i>Bantamia merleti</i>	Wells, 1961	Banc Gail	35-40	USNM 45390
<i>Alveopora catalai</i>	Wells, 1968	Banc Gail	35-40	USNM 53132
<i>Favia irregularis</i>	Chevalier, 1971	Baie St Vincent, pinnacle	9	MNHN sclé 20292
<i>Favia paucisepta</i>	Chevalier, 1971	Canala	(no data)	MNHN sclé 5923
<i>Favia rugosa</i>	Chevalier, 1971	Baie de St Vincent, patch reef	4	MNHN sclé 20295
<i>Favites gaili</i> *	Chevalier, 1971	Banc Gail	35	MNHN sclé 20296
<i>Goniastrea regularis</i>	Chevalier, 1971	«Nord de la Nelle-Calédonie»	(no data)	MNHN sclé 20297
<i>Montastrea magnistellata</i> *	Chevalier, 1971	Pte Sud Ouest Ile Hugon	Reef flat	MNHN sclé 20299
<i>Euphyllia cristata</i>	Chevalier, 1971	Récif Ouandemi, lagoon slope	15	MNHN sclé 5809
<i>Plerogyra taisnei</i>	Chevalier, 1971	Baie de Saint Vincent	(no data)	MNHN sclé 20303
<i>Caulastrea curvata</i>	Wijsman-Best, 1972	Baie de Prony	5	ZMA Coel 5989
<i>Blastomussa wellsii</i>	Wijsman-Best, 1973	Grotte Merlet	30-35	ZMA Coel 6905
<i>Platygyra pini</i>	Chevalier, 1975	Baie de Gu. Ile des Pins	33	MNHN sclé 20302
<i>Echinopora glabra</i>	Chevalier, 1975	Récif Mangalia, lagoon slope	10	MNHN sclé 5802
<i>Acanthastrea rotundoflora</i>	Chevalier, 1975	Atoll Fabre, inner patch reef	4-5	MNHN sclé 20292
<i>Lobophyllia pachysepta</i>	Chevalier, 1975	Chesterfield atoll, pinnacle	1	MNHN sclé 20298
<i>Parascolymia fungiformis</i>	Chevalier, 1975	Récif Bogota, Outer slope	15	MNHN sclé 20301
<i>Echinophyllia rugosa</i> *	Chevalier, 1975	Récif Ouandemi, Outer slope	4-5	MNHN sclé 20294
<i>Cantharellus noumeae</i>	Hoeksema & Best, 1984	Nounéa	(no data)	RMNH 16241
<i>Acropora chesterfieldensis</i>	Veron & Wallace, 1984	Long Isl. Chesterfield atoll	8	MTQ G 55081

* : Species for which the holotype could not be located.

Abbreviations:

IGPTU: Institute of Geology and Paleontology, Tohoku University, Sendai

MNHN: Muséum national d'Histoire naturelle, Paris

MTQ: Museum of Tropical Queensland, Townsville

RMNH: Rijksmuseum Van Natuurlijke Historie (Naturalis), Leiden

USNM: United States National Museum, Washington

ZMA: Zoologische Museum (Instuut voor Taxonomische Zoölogie), Amsterdam

As it stands now, the list is doubtless incomplete: On the one hand, some of the major collections have only been partially studied and it is expected that the collections in the Museum national d'Histoire naturelle, Paris, and at IRD will yield additional species records. On the other hand, it is to be remembered that so far the major collecting effort has taken place in the vicinity of Nounéa and the South West lagoon. Many areas have not, as yet, been adequately sampled, and more species will be added to the list after they have been explored. This includes, for instance the reefs off the North East coast of New Caledonia mainland, the récifs d'Entrecasteaux and most offshore reefal structures including Récif Pétrie, Astrolabe Reef, and the Bellona-Chesterfield area.

Given the present status of our knowledge, it can be stated, at least on a provisional basis, that the scleractinian fauna of New Caledonia is remarkably diverse, although, and not unexpectedly not as species-rich as the geographic areas situated further North West, such as N.E. Australia, Papua-New Guinea or the Sulawesi-Moluccas area. The relative diversity of the scleractinian fauna can be explained, on biogeographical grounds, by the fact that New Caledonia is not situated too far from the recognized coral "centre of biodiversity", and also, on ecological grounds by the remarkably diverse morphology of its coral reefs: Indeed they range from different types of atoll formations (Chesterfield, Huon, Surprise...), to barrier reefs, including double barriers, with various exposures to dominant wind and swell conditions, reef banks and drowned offshore reefs to fringing reefs around New Caledonian mainland and coral communities in very sheltered embayments or submerged banks, which are so characteristic of the New Caledonian coral reef scene (Baie de Prony, Banc Gail, for instance).

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List of Scleractinia of New Caledonia (coral reef species)

ACROPORIDAE Verrill, 1902

- Acropora abrotanoides* (Lamarck, 1816)
- Acropora aculeus* (Dana, 1846)
- Acropora acuminata* (Verrill, 1864)
- Acropora aspera* (Dana, 1846)
- Acropora austera* (Dana, 1846)
- Acropora bushyensis* Veron & Wallace, 1984
- Acropora brueggemanni* (Brook, 1893)
- Acropora cerealis* (Dana, 1846)
- Acropora chesterfieldensis* Veron & Wallace, 1984
- Acropora clathrata* (Brook, 1891)
- Acropora cuneata* (Dana, 1846)
- Acropora cytherea* (Dana, 1846)
- Acropora dendrum* (Bassett-Smith, 1890)
- Acropora digitifera* (Dana, 1846)
- Acropora divaricata* (Dana, 1846)
- Acropora donei* Veron & Wallace, 1984
- Acropora echinata* (Dana, 1846)

Acropora elseyi (Brook, 1892)
Acropora florida (Dana, 1846)
Acropora gemmifera (Brook, 1892)
Acropora grandis (Brook, 1892)
Acropora granulosa (Milne Edwards & Haime, 1860)
Acropora horrida (Dana, 1846)
Acropora humilis (Dana, 1846)
Acropora hyacinthus (Dana, 1846)
Acropora intermedia (Brook, 1891)
Acropora kirstyae Veron & Wallace, 1984
Acropora latistella (Brook, 1892)
Acropora listeri (Brook, 1893)
Acropora longicyathus (Milne Edwards & Haime, 1860)
Acropora loripes (Brook, 1892)
Acropora lutkeni Crossland, 1952
Acropora microclados (Ehrenberg, 1834)
Acropora microphthalma (Verrill, 1869)
Acropora millepora (Ehrenberg, 1834)
Acropora monticulosa (Brüggemann, 1879)
Acropora muricata (Linnaeus, 1758)
Acropora nasuta (Dana, 1846)
Acropora palifera (Lamarck, 1816)
Acropora paniculata Verrill, 1902
Acropora polystoma (Brook, 1891)
Acropora pulchra (Brook, 1891)
Acropora robusta (Dana, 1846)
Acropora samoensis (Brook, 1891)
Acropora sarmentosa (Brook, 1892)
Acropora secale (Studer, 1878)
Acropora selago (Studer, 1878)
Acropora spicifera (Dana, 1846)
Acropora solitaryensis Veron & Wallace, 1984
Acropora subglabra (Brook, 1891)
Acropora subulata (Dana, 1846)
Acropora tenuis (Dana, 1846)
Acropora tortuosa (Dana, 1846)
Acropora cf valenciennesi (Milne Edwards & Haime, 1860)
Acropora valida (Dana, 1846)
Acropora vaughani Wells, 1954
Acropora verweyi Veron & Wallace, 1984
Acropora yongei Veron & Wallace, 1984
Anacropora forbesi Ridley, 1884
Anacropora puertogalerae Nemenzo, 1964
Astreopora expansa Brüggemann, 1877
Astreopora gracilis Bernard, 1896
Astreopora listeri Bernard, 1896
Astreopora myriophthalma (Lamarck, 1816)
Astreopora ocellata Bernard, 1896
Montipora aequituberculata Bernard, 1897
Montipora australiensis Bernard, 1897
Montipora caliculata (Dana, 1846)
Montipora crassituberculata Bernard, 1897
Montipora danae (Milne Edwards & Haime, 1851)
Montipora digitata (Dana, 1846)
Montipora efflorescens Bernard, 1897

Montipora cf effusa (Dana, 1846)
Montipora floweri Wells, 1954
Montipora foliosa (Pallas, 1766)
Montipora foveolata (Dana, 1846)
Montipora grisea Bernard, 1897
Montipora hispida (Dana, 1846)
Montipora hoffmeisteri Wells, 1954
Montipora incrassata (Dana, 1846)
Montipora informis Bernard, 1897
Montipora millepora Crossland, 1952
Montipora mollis Bernard, 1897
Montipora nodosa (Dana, 1846)
Montipora peltiformis Bernard, 1897
Montipora ramosa Bernard, 1897
Montipora spongodes Bernard, 1897
Montipora spumosa (Lamarck, 1816)
Montipora tuberculosa (Lamarck, 1816)
Montipora turgescens Bernard, 1897
Montipora turtlensis Veron & Wallace, 1984
Montipora undata Bernard, 1897
Montipora venosa (Ehrenberg, 1834)
Montipora verrucosa (Lamarck, 1816)

AGARICIIDAE Gray, 1847

Coeloseris mayeri Vaughan, 1918
Gardineroseris planulata (Dana, 1846)
Leptoseris explanata Yabe & Sugiyama, 1941
Leptoseris foliosa Dinesen, 1980
Leptoseris gardineri Van der Horst, 1921
Leptoseris hawaiiensis Vaughan, 1907
Leptoseris mycetoseroides Wells, 1954
Leptoseris scabra Vaughan, 1907
Leptoseris tenuis Van der Horst, 1921
Leptoseris yabei (Pillai & Scheer, 1976)
Pachyseris rugosa (Lamarck, 1801)
Pachyseris speciosa (Dana, 1846)
Pavona cactus (Forsk., 1775)
Pavona clavus (Dana, 1846)
Pavona decussata (Dana, 1846)
Pavona explanulata (Lamarck, 1816)
Pavona maldivensis (Gardiner, 1905)
Pavona minuta Wells, 1954
Pavona varians Verrill, 1864
Pavona venosa (Ehrenberg, 1834)

ASTROCOENIIDAE Koby, 1890

Stylocoeniella armata (Ehrenberg, 1834)
Stylocoeniella guentheri (Bassett-Smith, 1890)

CARYOPHYLLIIDAE Gray, 1847

Heterocyathus aequicostatus Milne Edwards & Haime, 1848

DENDROPHYLLIIDAE Gray, 1847

Dendrophyllia micranthus Ehrenberg, 1834
Heteropsammia cochlea (Spengler, 1781)
Tubastrea aurea (Quoy & Gaimard, 1833)
Turbinaria bifrons Brüggemann, 1877
Turbinaria conspicua Bernard, 1896
Turbinaria heronensis Wells, 1958

Turbinaria mesenterina (Lamarck, 1816)

Turbinaria peltata (Esper, 1794)

Turbinaria patula (Dana, 1846)

Turbinaria radicalis Bernard, 1896

Turbinaria reniformis Bernard, 1896

Turbinaria stellulata (Lamarck, 1816)

EUSMILIIDAE Milne Edwards & Haime, 1857

Catalaphyllia jardinei (Saville-Kent, 1873)

Euphyllia ancora Veron & Pichon, 1979

Euphyllia cristata Chevalier, 1971

Euphyllia divisa Veron & Pichon, 1979

Euphyllia glabrescens (Chamisso & Eysenhardt, 1821)

Plerogyra simplex Rehberg, 1892

Plerogyra sinuosa (Dana, 1846)

Physogyra lichtensteini (Milne Edwards & Haime, 1851)

FAVIIDAE Gregory, 1900

Barabattoia anicorum (Milne Edwards & Haime, 1850)

Caulastrea curvata Wijsman-Best, 1972

Caulastrea echinulata (Milne Edwards & Haime, 1849)

Caulastrea furcata Dana, 1846

Caulastrea tumida Matthai, 1928

Cyphastrea chalcidicum (Forsk., 1775)

Cyphastrea japonica Yabe & Sugiyama, 1932

Cyphastrea microphthalma (Lamarck, 1816)

Cyphastrea serailia (Forsk., 1775)

Diploastrea heliopora (Lamarck, 1816)

Echinopora genunacea (Lamarck, 1816)

Echinopora hirsutissima Milne Edwards & Haime, 1849

Echinopora horrida Dana, 1846

Echinopora lamellosa (Esper, 1795)

Echinopora mammillata (Nemenzo, 1959)

Favia favius (Forsk., 1775)

Favia hululensis (Gardiner, 1904)

Favia irregularis Chevalier, 1971

Favia laxa (Klunzinger, 1879)

Favia lizardensis Veron, Pichon & Wijsman-Best, 1977

Favia maritima (Nemenzo, 1971)

Favia matthai Vaughan, 1918

Favia maxima Veron, Pichon & Wijsman-Best, 1977

Favia pallida (Dana, 1846)

Favia paucisepta Chevalier, 1971

Favia rotundata (Veron, Pichon & Wijsman-Best, 1977)

Favia rotunana (Gardiner, 1899)

Favia speciosa (Dana, 1846)

Favia stelligera (Dana, 1846)

Favites abdita (Ellis & Solander, 1786)

Favites chinensis (Verrill, 1866)

Favites complanata (Ehrenberg, 1834)

Favites flexuosa (Dana, 1846)

Favites halicora (Ehrenberg, 1834)

Favites pentagona (Esper, 1794)

Favites russelli (Wells, 1954)

Goniastrea aspera (Verrill, 1865)

Goniastrea australensis (Milne Edwards & Haime, 1857)

Goniastrea edwardsi Chevalier, 1971

Goniastrea favulus (Dana, 1846)
Goniastrea palauensis (Yabe, Sugiyama & Eguchi, 1936)
Goniastrea pectinata (Ehrenberg, 1834)
Goniastrea retiformis (Lamarck, 1816)
Leptastrea inaequalis Klunzinger, 1879
Leptastrea pruinosa Crossland, 1952
Leptastrea purpurea (Dana, 1846)
Leptastrea transversa Klunzinger, 1879
Leptoria phrygia (Ellis & Solander, 1786)
Montastrea annuligera (Milne Edwards & Haime, 1849)
Montastrea curta (Dana, 1846)
Montastrea magnistellata Chevalier, 1971
Montastrea valenciennesi (Milne Edwards & Haime, 1848)
Oulophyllia crispa (Lamarck, 1816)
Oulophyllia aspera Quelch, 1886
Platygyra daedalea (Ellis & Solander, 1786)
Platygyra lamellina (Ehrenberg, 1834)
Platygyra pini Chevalier, 1971
Platygyra sinensis (Milne Edwards & Haime, 1849)
Plesiastrea versipora (Lamarck, 1816)

FUNGIIDAE Dana, 1846

Cantharellus nouneae Hoeksema & Best, 1984
Ctenactis albitentaculata Hoeksema, 1989
Ctenactis echinata (Pallas, 1766)
Ctenactis crassa (Dana, 1846)
Fungia concinna Verrill, 1864
Fungia costulata Ortmann, 1889
Fungia cyclolites Lamarck, 1816
Fungia distorta Michelin, 1842
Fungia fragilis (Alcock, 1893)
Fungia fungites (Linnaeus, 1758)
Fungia granulosa Klunzinger, 1879
Fungia gravis Nemenzo, 1955
Fungia horrida Dana, 1846
Fungia moluccensis Van der Horst, 1919
Fungia paumotensis Stutchbury, 1833
Fungia repanda Dana, 1846
Fungia scabra Döderlein, 1901
Fungia scruposa Klunzinger, 1879
Fungia scutaria Lamarck, 1801
Fungia sinensis Milne Edwards & Haime, 1851
Fungia somervillei Gardiner, 1909
Fungia spinifer Claereboudt & Hoeksema, 1987
Fungia vaughani Boschma, 1923
Halomitra pileus (Linnaeus, 1758)
Heliofungia actiniformis (Quoy & Gaimard, 1833)
Herpolitha linax (Esper, 1797)
Lithophyllum mokai Hoeksema, 1989
Podabacia crustacea (Pallas, 1766)
Polyphyllia novaehiberniae (Lesson, 1831)
Polyphyllia talpina (Lamarck, 1801)
Sandalolitha robusta (Quelch, 1886)

MERULINIDAE Verrill, 1866

Hydnophora exesa (Pallas, 1766)
Hydnophora microconos (Lamarck, 1816)

Hydnophora rigida (Dana, 1846)
Merulina ampliata (Ellis & Solander, 1786)
Merulina scabricula Dana, 1846
Scapophyllia cylindrica (Milne Edwards & Haime, 1848)

MUSSIDAE Ortmann, 1890

Acanthastrea bowerbanki Milne Edwards & Haime, 1857
Acanthastrea echinata (Dana, 1846)
Acanthastrea hillae Wells, 1955
Acanthastrea rotundiflora Chevalier, 1975
Blastomussa wellsii Wijsman-Best, 1973
Blastomussa merleti (Wells, 1961)
Cynarina lacrymalis (Milne Edwards & Haime, 1848)
Lobophyllia corymbosa (Forsk., 1775)
Lobophyllia costata (Dana, 1846)
Lobophyllia hataii Yabe, Sugiyama & Eguchi, 1936
Lobophyllia hemprichii (Ehrenberg, 1834)
Lobophyllia pachysepta Chevalier, 1975
Scolymia australis (Milne Edwards & Haime, 1849)
Scolymia fungiformis Chevalier, 1975
Scolymia vitiensis Brüggemann, 1877
Symphyllia agaricia Milne Edwards & Haime, 1849
Symphyllia radians Milne Edwards & Haime, 1849
Symphyllia recta (Dana, 1846)
Symphyllia valenciennesi Milne Edwards & Haime, 1849

OCULINIDAE Gray, 1847

Acrohelium horrescens (Dana, 1846)
Galaxea astreata (Lamarck, 1816)
Galaxea fascicularis (Linnaeus, 1758)

PECTINIIDAE Vaughan & Wells, 1943

Echinophyllia aspera (Ellis & Solander, 1786)
Echinophyllia echinata (Saville-Kent, 1871)
Echinophyllia orpheensis Veron & Pichon, 1979
Mycedium elephantotus (Pallas, 1766)
Oxypora glabra Nemenzo, 1959
Oxypora lucera (Verrill, 1864)
Pectinia alcorni (Saville-Kent, 1871)
Pectinia lactuca (Pallas, 1766)
Pectinia paeonia (Dana, 1846)

POCILLOPORIDAE Gray, 1842

Madracis kirbyi Veron & Pichon, 1976
Palauastrea ramosa Yabe & Sugiyama, 1941
Pocillopora damicornis (Linnaeus, 1758)
Pocillopora eydouxi Milne Edwards & Haime, 1860
Pocillopora meandrina Dana, 1846
Pocillopora verrucosa (Ellis & Solander, 1786)
Pocillopora woodjonesi Vaughan, 1918
Seriatopora caliendrum Ehrenberg, 1834
Seriatopora hystrix Dana, 1846
Stylophora mordax (Dana, 1846)
Stylophora pistillata (Esper, 1797)

PORITIDAE Gray, 1842

Alveopora allingi Hoffmeister, 1925
Alveopora catalai Wells, 1968
Alveopora fenestrata (Lamarck, 1816)
Alveopora spongiosa Dana, 1846

Alveopora tizardi Bassett-Smith, 1890
Alveopora verrilliana Dana, 1872
Goniopora columna Dana, 1846
Goniopora djiboutiensis Vaughan, 1907
Goniopora fruticosa Saville-Kent, 1891
Goniopora lobata Milne Edwards & Haime, 1851
Goniopora minor Crossland, 1952
Goniopora norfolkensis Veron & Pichon, 1982
Goniopora pandoraensis Veron & Pichon, 1982
Goniopora somaliensis Vaughan, 1907
Goniopora stokesi Milne Edwards & Haime, 1851
Goniopora stutchbury Wells, 1955
Goniopora tenuidens Quelch, 1886
Porites australiensis Vaughan, 1918
Porites cylindrica Dana, 1846
Porites lichen Dana, 1846
Porites lobata Dana, 1846
Porites lutea Milne Edwards & Haime, 1860
Porites murrayensis Vaughan, 1918
Porites nigrescens Dana, 1846
Porites rus (Forsk., 1775)
Porites solida (Forsk., 1775)
Porites vauhani Crossland, 1952

PSAMMOCORIDAE Chevalier & Beauvais, 1987

Psammocora contigua (Esper, 1797)
Psammocora digitata Milne Edwards & Haime, 1851
Psammocora explanulata Van der Horst, 1922
Psammocora haimeana Milne Edwards & Haime, 1851
Psammocora nierstraszi Van der Horst, 1921

SIDERASTREIDAE Vaughan & Wells 1943

Pseudosidastrea tayamai Yabe & sujiyama, 1935
Coscinaraea columna (Dana, 1846)
Coscinaraea exesa (Dana, 1846)
Coscinaraea monile (Forsk., 1775)
Coscinaraea wellsi Veron & Pichon, 1980

TRACHYPHYLLIIDAE Verrill, 1901

Trachyphyllia geoffroyi (Audouin, 1826)



Anacropora forbesi

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Leptoseris tenuis

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Fungia (cycloseris) sinensis

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Fungia (pleuractis) moluccensis

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Alveopora catalai

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Barabattoia amicornum

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Blastomussa wellsi

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Scolymia vitiensis

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Scolymia vitiensis

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Edited by
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