

6.3. STONY REEF CORALS

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Prior to the expedition (5 December 1992 - 15 December 1993) stony reef corals (Scleractinia, hydrocorals and octocorals) were collected at 10 stations around Mahé with the help of snorkel and SCUBA equipment. During the expedition (15 December 1992 - 8 January 1993) they were sampled by using SCUBA, rectangular dredges, Agassiz trawls, and a Van Veen grab.

In total about 150-160 species were collected of which 40 are new records for the Seychelles. Some of these are even new records for the western Indian Ocean. Trawling and dredging helped considerably in obtaining these new records. One species of mushroom coral (Fungiidae) has been published as new to science (Hoeksema, 1993).

reference

Hoeksema, B.W. (1993). Historical biogeography of *Fungia* (*Pleuractis*) spp. (Scleractinia: Fungiidae), including a new species from the Seychelles. *Zoologische Mededelingen*, Leiden 67: 639-654.

station records

Station 601. NE Mahé, Anse Nord-D'Est. 5 Dec. 1992.

Pocillopora eydouxi M. Edwards & Haime, 1860
Pocillopora verrucosa (Ellis & Solander, 1786)
Stylophora mordax (Dana, 1846)
Stylophora pistillata (Esper, 1797)
Acropora spp.
Galaxea fascicularis (Linnaeus, 1767)
Goniastrea retiformis (Lamarck, 1816)
Platygyra sinensis (M. Edwards & Haime, 1849)
Leptoria phrygia (Ellis & Solander, 1786)
Heteropsammia cochlea (Spengler, 1781)
Millepora platyphylla Hemprich & Ehrenberg, 1834
Millepora latifolia Boschma, 1948
Millepora exaesa Forskål, 1775

Station 602. SW Mahé, Baie Lazares, Anse Gaulettes. 6 Dec. 1992.

Acropora spp.
Montipora aequituberculata Bernard, 1897
Porites lutea M. Edwards & Haime, 1860
Porites rus (Forskål, 1775)
Goniopora lobata M. Edwards & Haime, 1860

¹4 December 1992 - 9 January 1993; ² 25 December 1992 - 9 January 1993.

Alveopora fenestrata (Lamarck, 1816)
Psammocora profundacella Gardiner, 1898
Pavona venosa (Ehrenberg, 1834)
Acanthastrea echinata (Dana, 1846)
Hydnophora exesa (Pallas, 1766)
Favia pallida (Dana, 1846)
Favia speciosa (Dana, 1846)
Favia matthaii Vaughan, 1918
Favites pentagona (Esper, 1794)
Goniastrea retiformis (Lamarck, 1816)
Goniastrea aspera Verrill, 1905
Platygyra sinensis (M. Edwards & Haime, 1849)
Leptastrea inaequalis Klunzinger, 1879
Echinopora gemmacea Lamarck, 1816
Tubipora musica Linnaeus, 1758
Millepora platyphylla Hemprich & Ehrenberg, 1834
Millepora latifolia Boschma, 1948

Station 603. SE Mahé, small cape opposite Ile Souris. 7 Dec. 1992.

Stylocoeniella armata (Ehrenberg, 1834)
Stylocoeniella guentheri Basset-Smith, 1890
Pocillopora damicornis (Linnaeus, 1758)
Acropora palifera (Lamarck, 1816)
Porites lutea M. Edwards & Haime, 1860
Stylaraea punctata (Linnaeus, 1758)
Alveopora verrilleana Dana, 1872
Pavona varians Verrill, 1864
Favia speciosa (Dana, 1846)
Favites pentagona (Esper, 1794)
Leptastrea transversa Klunzinger, 1879
Millepora exaesa Forskål, 1775

Station 604. NE Mahé, Northeast Point. 8 Dec. 1992.

Pocillopora eydouxi M. Edwards & Haime, 1860
Pocillopora verrucosa (Ellis & Solander, 1786)
Acropora spp.
Porites solidula (Forskål, 1775)
Porites rus (Forskål, 1775)
Fungia fungites (Linnaeus, 1758)
Favites halicora (Ehrenberg, 1834)
Goniastrea retiformis (Lamarck, 1816)
Platygyra daedalea (Ellis & Solander, 1786)
Echinopora lamellosa (Esper, 1794)
Culicia sp.
Distichopora violacea (Pallas, 1766)

Station 605. NW Mahé, Port Launay. 9 Dec. 1992.

Astreopora myriophthalma (Lamarck, 1816)
Porites lobata Dana, 1846
Alveopora fenestrata (Lamarck, 1816)
Coscinarea columnna (Dana, 1846)
Pavona varians Verrill, 1864
Fungia tenuis Dana, 1846

Acanthastrea echinata (Dana, 1846)
Hydnophora exesa (Pallas, 1766)
Favia pallida (Dana, 1846)
Favia speciosa (Dana, 1846)
Favites flexuosa (Dana, 1846)
Goniastrea retiformis (Lamarck, 1816)
Platygyra lamellina (Ehrenberg, 1834)
Platygyra pini Chevalier, 1975
Plesiastrea versipora (Lamarck, 1816)
Diploastrea heliopora (Lamarck, 1816)
Echinopora gemmacea Lamarck, 1816
Plerogyra sinuosa (Dana, 1846)
Turbinaria peltata (Esper, 1794)
Turbinaria reniformis Bernard, 1896
Turbinaria stellulata (Lamarck, 1816)
Tubastrea sp.

 Station 606. Mahé, Ile Moyenne, off Victoria, opposite Sainte Anne. 10 Dec. 1992.
Stylocoeniella armata (Ehrenberg, 1834)
Stylocoeniella guentheri Basset-Smith, 1890
Stylophora pistillata (Esper, 1797)
Acropora spp.
Montipora venosa (Ehrenberg, 1834)
Montipora aequituberculata Bernard, 1897
Alveopora verrilleana Dana, 1872
Porites lobata Dana, 1846
Porites lichen Dana, 1846
Porites rus (Forskål, 1775)
Goniopora minor Crossland, 1952
Goniopora savignyi Dana, 1846
Pavona explanulata (Lamarck, 1816)
Pavona minuta Wells, 1956
Pavona varians Verrill, 1864
Gardineroseris planulata (Dana, 1846)
Fungia concinna Verrill, 1864
Fungia scruposa Klunzinger, 1879
Herpolitha limax (Esper, 1797)
Oxypora lacera (Verrill, 1864)
Mycedium elephantotus (Pallas, 1766)
Lobophyllia corymbosa (Forskål, 1775)
Lobophyllia hemprichii (Ehrenberg, 1834)
Favia stelligera (Dana, 1846)
Favites russelli (Wells, 1954)
Goniastrea retiformis (Lamarck, 1816)
Goniastrea edwardsi Chevalier, 1971
Platygyra pini Chevalier, 1975
Leptoria phrygia (Ellis & Solander, 1786)
Leptastrea inaequalis Klunzinger, 1879
Leptastrea purpurea (Dana, 1846)
Echinopora lamellosa (Esper, 1794)
Echinopora gemmacea Lamarck, 1816
Tubipora musica Linnaeus, 1758
Millepora platyphylla Hemprich & Ehrenberg, 1834
Millepora dichotoma Forskål, 1775

Station 609. NW Mahé, Glacis, Vista do Mar. 11 Dec. 1992.
Acropora sp.
Astreopora myriophthalma (Lamarck, 1816)
Porites solidia (Forskål, 1775)
Porites lobata Dana, 1846
Goniopora savignyi Dana, 1846
Alveopora verrilleana Dana, 1872
Fungia tenuis Dana, 1846
Fungia scruposa Klunzinger, 1879
Fungia fungites (Linnaeus, 1758)
Herpolitha limax (Esper, 1797)
Lobophyllia corymbosa (Forskål, 1775)
Symphyllia radians (M. Edwards & Haime, 1849)
Favia pallida (Dana, 1846)
Favites chinensis (Verrill, 1866)
Goniastrea retiformis (Lamarck, 1816)
Goniastrea edwardsi Chevalier, 1971
Goniastrea aspera Verrill, 1905
Platygyra daedalea (Ellis & Solander, 1786)
Montastrea curta (Dana, 1846)
Plesiastrea versipora (Lamarck, 1816)
Turbinaria reniformis Bernard, 1896
Dendrophyllia sp.

 Station 612. SE Mahé, Anse Forbans. 12 Dec. 1992.
Stylocoeniella armata (Ehrenberg, 1834)
Pocillopora damicornis (Linnaeus, 1758)
Acropora spp.
Montipora tuberculosa (Lamarck, 1816)
Montipora aequituberculata Bernard, 1897
Porites solidia (Forskål, 1775)
Stylaraea punctata (Linnaeus, 1758)
Alveopora verrilleana Dana, 1872
Psammocora contigua (Esper, 1797)
Psammocora superficialis Gardiner, 1898
Pavona explanulata (Lamarck, 1816)
Pavona venosa (Ehrenberg, 1834)
Leptoseris mycetoseroides Wells, 1954
Gardineroseris planulata (Dana, 1846)
Culicia sp.

 Station 615. NW Mahé, Ilot L'Islette. 13 Dec. 1992.
Stylophora mordax (Dana, 1846)
Acropora sp.
Montipora monasteriata (Forskål, 1775)
Montipora tuberculosa (Lamarck, 1816)
Montipora hispida (Dana, 1846)
Astreopora myriophthalma (Lamarck, 1816)
Porites lutea M. Edwards & Haime, 1860
Psammocora contigua (Esper, 1797)
Pavona explanulata (Lamarck, 1816)
Pavona varians Verrill, 1864
Pavona venosa (Ehrenberg, 1834)
Galaxea astreata (Lamarck, 1816)

- Favites halicora* (Ehrenberg, 1834)
Favites chinensis (Verrill, 1866)
Favites pentagona (Esper, 1794)
Goniastrea aspera Verrill, 1905
Platygyra sinensis (M. Edwards & Haime, 1849)
Montastrea curta (Dana, 1846)
Plesiastrea versipora (Lamarck, 1816)
Cyphastrea chalcidicum (Forskål, 1775)
Plerogyra sinuosa (Dana, 1846)
Millepora platyphylla Hemprich & Ehrenberg, 1834

 Station 619. NW Mahé, Baie Beau Vallon, Hotel "Auberge Club des Seychelles". 15 Dec. 1992.
Acropora spp.
Astreopora myriophthalma (Lamarck, 1816)
Psammocora profundacella Gardiner, 1898
Coscinaria columna (Dana, 1846)
Pavona explanulata (Lamarck, 1816)
Pachyseris speciosa (Dana, 1846)
Fungia tenuis Dana, 1846
Fungia repanda Dana, 1846
Fungia horrida Dana, 1846
Fungia scruposa Klunzinger, 1879
Fungia scutaria Lamarck, 1801
Fungia seychellensis Hoeksema, 1993
Herpolitha limax (Esper, 1797)
Lobophyllia hemprichii (Ehrenberg, 1834)
Hydnophora exesa (Pallas, 1766)
Favites chinensis (Verrill, 1866)
Favites pentagona (Esper, 1794)
Leptastrea transversa Klunzinger, 1879
Echinopora gemmacea Lamarck, 1816
Tubastrea sp.

 Station 701. W of Aride Island, Van Veen grab 45m. 17 Dec. 1992.
Psammocora stellata (Verrill, 1866)
Fungia sinensis (M. Edwards & Haime, 1851)
Fungia fragilis (Alcock, 1893)
Heterocyathus aequicostatus M. Edw. & H., 1848
Heterocyathus sulcatus (Verrill, 1866)
Heteropsammia cochlea (Spengler, 1781)

 Station 702. W of Aride Island, Dredge 47m. 17 Dec. 1992.
Stylophora pistillata (Esper, 1797)
Goniopora somaliensis Vaughan, 1907
Leptoseris papyracea Yabe & Sugiyama, 1941
Leptoseris explanata Yabe & Sugiyama, 1941
Pachyseris speciosa (Dana, 1846)
Echinophyllia aspera (Ellis & Solander, 1788)
Cynarina lacrymalis (M. Edwards & Haime, 1848)
Favites peresi Faure & Pichon, 1978
Euphyllia glabrescens (Chamisso & Eysenhardt, 1821)

 Station 705. NW of Praslin Island, Dredge 25m. 17 Dec. 1992.
Stylophora pistillata (Esper, 1797)
Echinophyllia aspera (Ellis & Solander, 1788)
Turbinaria peltata (Esper, 1794)

 Station 708. NW of Praslin Island, 17 Dec. 1992.
Stylophora pistillata (Esper, 1797)
Acropora sp.
Pavona explanulata (Lamarck, 1816)
Leptoseris mycetoseroides Wells, 1954
Lobophyllia hemprichii (Ehrenberg, 1834)
Sympyllia radians (M. Edwards & Haime, 1849)
Favia speciosa (Dana, 1846)
Favites pentagona (Esper, 1794)
Oulophyllia crispa (Lamarck, 1816)
Leptastrea inaequalis Klunzinger, 1879

 Station 711. S of Aride Island (sandy slope -26 m) 18 & 19 Dec. 1992.
Acropora spp.
Montipora monasteriata (Forskål, 1775)
Montipora efflorescens Bernard, 1897
Montipora aequituberculata Bernard, 1897
Psammocora superficialis Gardiner, 1898
Psammocora profundacella Gardiner, 1898
Psammocora haimeana M. Edwards & Haime, 1851
Psammocora explanulata Van der Horst, 1922
Pavona explanulata (Lamarck, 1816)
Pavona minuta Wells, 1956
Pavona varians Verrill, 1864
Pavona venosa (Ehrenberg, 1834)
Pavona maldivensis (Gardiner, 1905)
Leptoseris mycetoseroides Wells, 1954
Fungia tenuis Dana, 1846
Favia stelligera (Dana, 1846)
Goniastrea pectinata (Ehrenberg, 1834)
Montastrea curta (Dana, 1846)
Leptastrea transversa Klunzinger, 1879
Cyphastrea microphthalma (Lamarck, 1816)
Heterocyathus sulcatus (Verrill, 1866)
Heteropsammia cochlea (Spengler, 1781)
Culicia sp.
Tubipora musica Linnaeus, 1758
Millepora platyphylla Hemprich & Ehrenberg, 1834
Millepora exesa Forskål, 1775

 Station 712. NE of Aride Island, Trawl 55m. 18 Dec. 1992.
Heteropsammia cochlea (Spengler, 1781)

 Station 713. S of Aride, Dredge 35m, 19 Dec. 1992
Stylophora pistillata (Esper, 1797)
Montipora digitata (Dana, 1846)
Astreopora moretonensis Veron & Wallace, 1984

- Goniopora somaliensis* Vaughan, 1907
Porites cylindrica Dana, 1846
Leptoseris mycetoseroides Wells, 1954
Heterocyathus sulcatus (Verrill, 1866)
Heteropsammia cochlea (Spengler, 1781)
 Station 715. NE of Aride Island, Dredge 40m, 19 Dec. 1992
Stylophora pistillata (Esper, 1797)
Cyphastrea serilia (Forskål, 1775)
Tubastrea micrantha (Ehrenberg, 1834)
- Station 716. N of Aride Island, Dredge 40m, 19 Dec. 1992
Stylophora pistillata (Esper, 1797)
Montipora digitata (Dana, 1846)
Astreopora moretonensis Veron & Wallace, 1984
Porites cylindrica Dana, 1846
Goniopora somaliensis Vaughan, 1907
Alveopora allingi Hoffmeister, 1925
Alveopora gigas Veron, 1985
Psammocora stellata (Verrill, 1866)
Coscinarea columna (Dana, 1846)
Leptoseris papyracea Yabe & Sugiyama, 1941
Pachyseris speciosa (Dana, 1846)
Polyphyllia talpina (Esper, 1797)
Cynarina lacrymalis (M. Edwards & Haime, 1848)
Cyphastrea chalcidicum (Forskål, 1775)
Euphyllia glabrescens (Chamisso & Eysenh., 1821)
Gyrosomilia interrupta (Ehrenberg, 1834)
- Station 717. E of Bird Island, 20 Dec. 1992
Acropora spp.
Psammocora profundacella Gardiner, 1898
Pavona explanulata (Lamarck, 1816)
Pavona varians Verrill, 1864
Pavona maldivensis (Gardiner, 1905)
Fungia somervillei Gardiner, 1909
Fungia tenuis Dana, 1846
Fungia scutaria Lamarck, 1801
Favia rotundata (Veron, Pichon & Wijsman-Best)
Favites flexuosa (Dana, 1846)
Goniastrea edwardsi Chevalier, 1971
Goniastrea pectinata (Ehrenberg, 1834)
Oulophyllia crispa (Lamarck, 1816)
Plesiastrea versipora (Lamarck, 1816)
Leptastrea transversa Klunzinger, 1879
Cyphastrea chalcidicum (Forskål, 1775)
Turbinaria stellulata (Lamarck, 1816)
Millepora exaesa Forskål, 1775
- Station 719. E of Bird Island, Dredge 45m, 20 Dec. 1992
Cyphastrea serilia (Forskål, 1775)
 Station 720. E of Bird Island, Trawl 45m, 20 Dec. 1992
Heteropsammia cochlea (Spengler, 1781)
- Station 721. N of Bird Island, Dredge 45-55m, 21 Dec. 1992
Stylophora pistillata (Esper, 1797)
Goniopora djiboutiensis Vaughan, 1907
Alveopora allingi Hoffmeister, 1925
Leptoseris explanata Yabe & Sugiyama, 1941
Leptoseris scabra Vaughan, 1907
Leptoseris hawaiiensis Vaughan, 1907
Trachiphyllia geoffroyi (Audouin, 1826)
Dendrophyllia sp.
- Station 723. NE of Bird Island. 21 & 22 Dec. 1992
Acropora spp.
Montipora monasteriata (Forskål, 1775)
Montipora danae (M. Edwards & Haime, 1851)
Montipora venosa (Ehrenberg, 1834)
Montipora aequituberculata Bernard, 1897
Porites solida (Forskål, 1775)
Goniopora savignyi Dana, 1846
Psammocora superficialis Gardiner, 1898
Psammocora explanulata Van der Horst, 1922
Coscinarea columna (Dana, 1846)
Pavona explanulata (Lamarck, 1816)
Pavona varians Verrill, 1864
Leptoseris scabra Vaughan, 1907
Leptoseris mycetoseroides Wells, 1954
Leptoseris foliosa Dinesen, 1980
Fungia tenuis Dana, 1846
Fungia repanda Dana, 1846
Echinophyllia aspera (Ellis & Solander, 1788)
Lobophyllia hemprichii (Ehrenberg, 1834)
Favia rotumana (Gardiner, 1899)
Favites pentagona (Esper, 1794)
Goniastrea pectinata (Ehrenberg, 1834)
Plesiastrea versipora (Lamarck, 1816)
Leptastrea transversa Klunzinger, 1879
Physogyra lichtensteini M. Edwards & Haime, 1851
Culicia sp.
- Station 730. N of Bird Island, Trawl 55-63m, 22 Dec. 1992
Echinophyllia aspera (Ellis & Solander, 1788)
- Station 733. SW of La Digue Island, Trawl 25m, 23 Dec. 1992
Porites lobata Dana, 1846
- Station 734. SW of La Digue Island, Dredge 30m, 23 Dec. 1992
Porites solida (Forskål, 1775)
Porites lobata Dana, 1846
Psammocora profundacella Gardiner, 1898
Favites pentagona (Esper, 1794)
Favites peresi Faure & Pichon, 1978
Platygyra pini Chevalier, 1975

- Station 735. SW of La Digue Island. 23 Dec. 1992
Tubipora musica Linnaeus, 1758
- Station 736. SW of La Digue Island, reef flat. 23 Dec. 1992
Acropora spp.
Porites nigrescens Dana, 1846
Stylaraea punctata (Linnaeus, 1758)
Pavona divaricata (Lamarck, 1816)
Heliopora coerulea (Pallas, 1766)
- Station 737. SW of La Digue Island, 23 Dec. 1992
Acropora spp.
Montipora danae (M. Edwards & Haime, 1851)
Porites lichen Dana, 1846
Goniopora savignyi Dana, 1846
Psammocora digitata M. Edwards & Haime, 1851
Psammocora haimeana M. Edwards & Haime, 1851
Fungia tenuis Dana, 1846
Fungia scutaria Lamarck, 1801
Fungia seychellensis Hoeksema, 1993
Lobophyllia hemprichii (Ehrenberg, 1834)
- Station 738. SE of Mahé. Dredge 35-45m, 24 Dec. 1992
Stylophora pistillata (Esper, 1797)
Porites solida (Forskål, 1775)
Porites cylindrica Dana, 1846
Goniopora djiboutiensis Vaughan, 1907
Goniopora stokesi M. Edwards & Haime, 1851
Goniopora columnata Dana, 1846
Siderastrea savignyanata M. Edwards & Haime, 1850
Psammocora stellata (Verrill, 1866)
Coscinarea columnata (Dana, 1846)
Lobophyllia hemprichii (Ehrenberg, 1834)
Favia pallida (Dana, 1846)
Favites pentagona (Esper, 1794)
Favites peresi Faure & Pichon, 1978
Plesiastrea versipora (Lamarck, 1816)
Cyphastrea serailia (Forskål, 1775)
Cyphastrea chalcidicum (Forskål, 1775)
Euphyllia glabrescens (Chamisso & Eysenhardt, 1821)
Turbinaria peltata (Esper, 1794)
Turbinaria mesenterina (Lamarck, 1801)
- Station 740. SE of Mahé, Anse Royale, Lagoon. 24 Dec. 1992
Montipora informis Bernard, 1897
Stylaraea punctata (Linnaeus, 1758)
Alveopora fenestrata (Lamarck, 1816)
Pavona clavus (Dana, 1846)
Podabacia crustacea (Pallas, 1766)
Goniastrea edwardsi Chevalier, 1971
- Station 741. SE of Mahé, off Ile Souris (Anse Royale). 24 Dec. 1992
- Acropora* sp.
Porites rus (Forskål, 1775)
Alveopora verrilleana Dana, 1872
Fungia scutaria Lamarck, 1801
Favia rotundata (Veron, Pichon & Wijsman-Best)
Favites chinensis (Verrill, 1866)
Favites peresi Faure & Pichon, 1978
Cyphastrea chalcidicum (Forskål, 1775)
Euphyllia glabrescens (Chamisso & Eysenhardt, 1821)
- Station 744. E of Mahé, off Victoria. Dredge 19m, 25 Dec. 1992
Montipora venosa (Ehrenberg, 1834)
Astreopora myriophthalma (Lamarck, 1816)
Platygyra pini Chevalier, 1975
- Station 745. E of Mahé, off Victoria. Dredge 27-30m, 25 Dec. 1992
Cyphastrea chalcidicum (Forskål, 1775)
- Station 747. E of Mahé, N of Ile Sèche. SCUBA - 10m, 25 Dec. 1992
Acropora sp.
Pavona venosa (Ehrenberg, 1834)
Fungia scutaria Lamarck, 1801
Leptastrea bottae M. Edwards & Haime, 1849
- Station 748. E of Mahé, E of Sainte Anne Island. SCUBA - 17m, 25 Dec. 1992
Astreopora myriophthalma (Lamarck, 1816)
Alveopora fenestrata (Lamarck, 1816)
Psammocora profundacella Gardiner, 1898
Coscinarea columnata (Dana, 1846)
Pavona maldivensis (Gardiner, 1905)
Leptastrea transversa Klunzinger, 1879
Cyphastrea chalcidicum (Forskål, 1775)
- Station 752. N of D'Arros Island, Dredge 45-55m. 26 Dec. 1992.
Leptoseris scabra Vaughan, 1907
- Station 753. NW St Joseph Atoll, slope S of passage. 26 Dec. 1992.
Seriatopora hystrix Dana, 1846
Acropora spp.
Montipora monasteriata (Forskål, 1775)
Porites solida (Forskål, 1775)
Porites lutea M. Edwards & Haime, 1860
Psammocora profundacella Gardiner, 1898
Fungia tenuis Dana, 1846
Fungia concinna Verrill, 1864
Fungia horrida Dana, 1846
Fungia scruposa Klunzinger, 1879
Fungia granulosa Klunzinger, 1879
Fungia seychellensis Hoeksema, 1993

- Sandalolitha robusta* (Quelch, 1886)
Scolymia australis (M. Edwards & Haime, 1849)
Hydnophora exesa (Pallas, 1766)
Hydnophora microconos (Lamarck, 1816)
Favites flexuosa (Dana, 1846)
Favites peresi Faure & Pichon, 1978
Leptastrea phrygia (Ellis & Solander, 1786)
Leptastrea pruinosa Crossland, 1952
Cyphastrea chalcidicum (Forskål, 1775)
Tubastrea micrantha (Ehrenberg, 1834)
Dendrophyllia sp.
 Station 754. NW St Joseph Atoll, lagoon. 26 Dec. 1992.
Acropora palifera (Lamarck, 1816)
Fungia concinna Verrill, 1864
Heliopora coerulea (Pallas, 1766)
- Station 755. N of St Joseph Atoll. Trawl 60m. 26 Dec. 1992.
Stylocoeniella guentheri Bassett-Smith, 1890
Porites lobata Dana, 1846
Alveopora allangi Hoffmeister, 1925
Leptoseris scabra Vaughan, 1907
- Station 756. NE St Joseph Atoll. 27 Dec. 1992.
Porites lobata Dana, 1846
Psammocora superficialis Gardiner, 1898
Psammocora profundacella Gardiner, 1898
Psammocora haimeana M. Edwards & Haime, 1851
Pavona explanulata (Lamarck, 1816)
Fungia scutaria Lamarck, 1801
Favia matthaii Vaughan, 1918
Favites pentagona (Esper, 1794)
Dendrophyllia sp.
- Station 759. S St Joseph Atoll. 28 Dec. 1992.
Acropora spp.
Montipora foveolata (Dana, 1846)
Porites lichen Dana, 1846
Hydnophora microconos (Lamarck, 1816)
Favites chinensis (Verrill, 1866)
Favites russelli (Wells, 1954)
Favites peresi Faure & Pichon, 1978
Leptastrea inaequalis Klunzinger, 1879
Leptastrea transversa Klunzinger, 1879
Cyphastrea chalcidicum (Forskål, 1775)
- Station 761. S St Joseph Atoll. 28 Dec. 1992.
Astreopora myriophthalma (Lamarck, 1816)
Fungia tenuis Dana, 1846
Favites pentagona (Esper, 1794)
Favites complanata (Ehrenberg, 1834)
Montastrea curta (Dana, 1846)
Cyphastrea chalcidicum (Forskål, 1775)
Echinopora hirsutissima M. Edw. & Haime, 1849
- Turbinaria reniformis* Bernard, 1896
 Station 762. S of D'Arros Island. Van Veen grab 50m. 28 Dec. 1992.
Fungia distorta Michelin, 1842
Heterocyathus sulcatus (Verrill, 1866)
Heteropsammia cochlea (Spengler, 1781)
 Station 764. S of D'Arros Island. Trawl 50-55m. 28 Dec. 1992.
Leptoseris explanata Yabe & Sugiyama, 1941
Heteropsammia cochlea (Spengler, 1781)
- Station 765. NW of Poivre Island. Van Veen grab 38-40m. 29 Dec. 1992.
Fungia fragilis (Alcock, 1893)
- Station 766. N of Poivre Island. Dredge 43-48m. 29 Dec. 1992.
Seriatopora hystricula Dana, 1846
Acropora spp.
Montipora monasteriata (Forskål, 1775)
Astreopora myriophthalma (Lamarck, 1816)
Alveopora allangi Hoffmeister, 1925
Pavona varians Verrill, 1864
Fungia concinna Verrill, 1864
Fungia scruposa Klunzinger, 1879
Fungia granulosa Klunzinger, 1879
Fungia seychellensis Hoeksema, 1993
Sandalolitha dentata Quelch, 1884
Galaxea fascicularis (Linnaeus, 1758)
Mycedium elephantotus (Pallas, 1766)
Acanthastrea echinata (Dana, 1846)
Hydnophora exesa (Pallas, 1766)
Favia pallida (Dana, 1846)
Favia matthaii Vaughan, 1918
Platygyra daedalea (Ellis & Solander, 1786)
Platygyra pini Chevalier, 1975
Oulophyllia crispa (Lamarck, 1816)
Leptastrea transversa Klunzinger, 1879
Leptastrea pruinosa Crossland, 1952
- Station 772. W of Desroches Atoll. 30 Dec. 1992.
Montipora venosa (Ehrenberg, 1834)
Montipora aequituberculata Bernard, 1897
Pavona explanulata (Lamarck, 1816)
Leptoseris mycetoseroides Wells, 1954
Fungia scutaria Lamarck, 1801
Fungia seychellensis Hoeksema, 1993
Scolymia australis (M. Edwards & Haime, 1849)

Favites peresi Faure & Pichon, 1978
Leptastrea inaequalis Klunzinger, 1879
Gyrosomilia interrupta (Ehrenberg, 1834)

 Station 774. SW of Desroches Atoll. 30 Dec. 1992.
Goniopora lobata M. Edwards & Haime, 1860
Psammocora profundacella Gardiner, 1898
Pachyseris speciosa (Dana, 1846)
Fungia costulata Ortmann, 1899
Fungia sp juveniles
Scolymia sp juvenile
Leptastrea pruinosa Crossland, 1952
Gyrosomilia interrupta (Ehrenberg, 1834)
Tubastrea sp.
Dendrophyllia sp.
Stylaster sp.

 Station 776. N of Poivre Island. Trawl 42-45m. 31 Dec. 1992.
Fungia sinensis (M. Edwards & Haime, 1851)

 Station 778. W of Poivre Atoll. Trawl 57m. 1 Jan. 1993.
Heterocyathus sulcatus (Verrill, 1866)
Heterocyathus alternatus Verrill, 1865
Heteropsammia cochlea (Spengler, 1781)

 Station 780. NW of Poivre Atoll. 1 Jan. 1993.
Montipora aequituberculata Bernard, 1897
Porites lobata Dana, 1846
Favia rotumana (Gardiner, 1899)

 Station 782. N of Ile Desnoeufs. Trawl 54m. 2 Jan. 1993.
Heteropsammia cochlea (Spengler, 1781)

 Station 783. NW Ile Desnoeufs. 2 Jan. 1993.
Acropora spp.
Montipora tuberculosa (Lamarck, 1816)
Montipora danae (M. Edwards & Haime, 1851)
Montipora venosa (Ehrenberg, 1834)
Leptastrea purpurea (Dana, 1846)

 Station 786. NW Alphonse Island. 3 Jan. 1993.
Acropora spp.
Montipora monasteriata (Forskål, 1775)
Psammocora profundacella Gardiner, 1898
Psammocora explanulata Van der Horst, 1922
Leptoseris scabra Vaughan, 1907
Leptoseris myctoseroidea Wells, 1954
Fungia scutaria Lamarck, 1801
Fungia granulosa Klunzinger, 1879
Fungia seychellensis Hoeksema, 1993
Lobophyllia hemprichii (Ehrenberg, 1834)

Favia matthaii Vaughan, 1918
Oulophyllia crispa (Lamarck, 1816)
Leptastrea inaequalis Klunzinger, 1879
Leptastrea transversa Klunzinger, 1879
Cyphastrea chalcidicum (Forskål, 1775)
Tubastrea sp.
Millepora exaepta Forskål, 1775

 Station 788. Alphonse Island, passage and inside lagoon. 4 & 6 Jan. 1993.
Pocillopora damicornis (Linnaeus, 1758)
Stylophora pistillata (Esper, 1797)
Seriatopora hystrix Dana, 1846
Montipora venosa (Ehrenberg, 1834)
Montipora spongiosa (Ehrenberg, 1834)
Porites lutea M. Edwards & Haime, 1860
Porites cylindrica Dana, 1846
Porites nigrescens Dana, 1846
Psammocora profundacella Gardiner, 1898
Psammocora explanulata Van der Horst, 1922
Pavona explanulata (Lamarck, 1816)
Pavona varians Verrill, 1864
Pavona maldivensis (Gardiner, 1905)
Sandalolitha dentata Quelch, 1884
Halomitra pileus (Linnaeus, 1758)
Leptastrea transversa Klunzinger, 1879
Cyphastrea serailia (Forskål, 1775)
Cyphastrea chalcidicum (Forskål, 1775)
Turbinaria reniformis Bernard, 1896
Millepora exaepta Forskål, 1775

 Station 792. St. François Atoll, bay near entrance of lagoon. 5 Jan. 1993.
Porites solida (Forskål, 1775)
Fungia scutaria Lamarck, 1801
Fungia scrupea Klunzinger, 1879
Fungia seychellensis Hoeksema, 1993
Sandalolitha dentata Quelch, 1884
Podabacia crustacea (Pallas, 1766)
Acanthastrea echinata (Dana, 1846)
Leptastrea transversa Klunzinger, 1879
Cyphastrea microphthalmia (Lamarck, 1816)

 Station 796. N of Platte Island. 6, 7 & 8 Jan. 1993.
Acropora sp.
Montipora spongodes Bernard, 1897
Montipora danae (M. Edwards & Haime, 1851)
Fungia tenuis Dana, 1846
Fungia granulosa Klunzinger, 1879
Fungia scutaria Lamarck, 1801
Fungia seychellensis Hoeksema, 1993
Favites peresi Faure & Pichon, 1978
Millepora murrayi Quelch, 1884

Table 6.3.1. Collected stony corals by area (*Acropora* excluded; Desnoeufs and Platte Island excluded).

Area's	Seychelles group			Amirante group		
	Mahe	Praslin, etc.	Bird Island	St Joseph	Poivre	Alphonse, etc.
Species						
<i>Acanthastrea echinata</i> (Dana, 1846)	•				•	•
<i>Alveopora allingi</i> Hoffmeister, 1925		•	•	•	•	
<i>Alveopora fenestrata</i> (Lamarck, 1816)	•					
<i>Alveopora gigas</i> Veron, 1985		•				
<i>Alveopora verrilleana</i> Dana, 1872	•					
<i>Astreopora moretonensis</i> Veron & Wallace, 1984		•				
<i>Astreopora myriophthalma</i> (Lamarck, 1816)	•			•	•	
<i>Coscinarea columna</i> (Dana, 1846)	•	•	•			
<i>Culicia</i> sp.	•	•	•			
<i>Cynarina lacrymalis</i> (M. Edwards & Haime, 1848)		•				
<i>Cyphastrea chalcidicum</i> (Forskål, 1775)	•	•	•	•		•
<i>Cyphastrea microphthalma</i> (Lamarck, 1816)		•				•
<i>Cyphastrea serailia</i> (Forskål, 1775)	•	•	•			•
<i>Dendrophyllia</i> sp.	•		•	•	•	
<i>Diploastrea heliopora</i> (Lamarck, 1816)	•					
<i>Distichopora violacea</i> (Pallas, 1766)	•					
<i>Echinophyllia aspera</i> (Ellis & Solander, 1788)		•	•		•	
<i>Echinopora gemmacea</i> Lamarck, 1816	•					
<i>Echinopora hirsutissima</i> M. Edw. & Haime, 1849				•		
<i>Echinopora lamellosa</i> (Esper, 1794)	•					
<i>Euphyllia glabrescens</i> (Chamisso & Eysenh., 1821)	•	•				
<i>Favia matthaii</i> Vaughan, 1918	•			•	•	•
<i>Favia pallida</i> (Dana, 1846)	•					•
<i>Favia rotumana</i> (Gardiner, 1899)				•		•
<i>Favia rotundata</i> (Veron, Pichon & Wijsman-Best)	•		•			
<i>Favia speciosa</i> (Dana, 1846)	•					•
<i>Favia stelligera</i> (Dana, 1846)	•	•				
<i>Favites chinensis</i> (Verrill, 1866)	•				•	
<i>Favites complanata</i> (Ehrenberg, 1834)					•	
<i>Favites flexuosa</i> (Dana, 1846)	•		•	•	•	
<i>Favites halicora</i> (Ehrenberg, 1834)	•					
<i>Favites pentagona</i> (Esper, 1794)	•	•	•	•	•	
<i>Favites peresi</i> Faure & Pichon, 1978	•	•		•		
<i>Favites russelli</i> (Wells, 1954)	•				•	
<i>Fungia concinna</i> Verrill, 1864	•			•	•	
<i>Fungia costulata</i> Ortmann, 1899						•
<i>Fungia distorta</i> Michelin, 1842				•		
<i>Fungia fragilis</i> (Alcock, 1893)		•			•	
<i>Fungia fungites</i> (Linnaeus, 1758)	•					
<i>Fungia granulosa</i> Klunzinger, 1879				•	•	•
<i>Fungia horrida</i> Dana, 1846	•			•		
<i>Fungia repanda</i> Dana, 1846	•		•			
<i>Fungia scruposa</i> Klunzinger, 1879	•			•	•	•
<i>Fungia scutaria</i> Lamarck, 1801	•	•	•	•	•	
<i>Fungia seychellensis</i> Hoeksema, 1993	•	•		•	•	•
<i>Fungia sinensis</i> (M. Edwards & Haime, 1851)		•			•	
<i>Fungia somervillei</i> Gardiner, 1909				•		
<i>Fungia tenuis</i> Dana, 1846	•	•	•	•		

Table 6.3.1. Collected stony corals by area (*Acropora* excluded; Desnoeufs and Platte Island excluded).

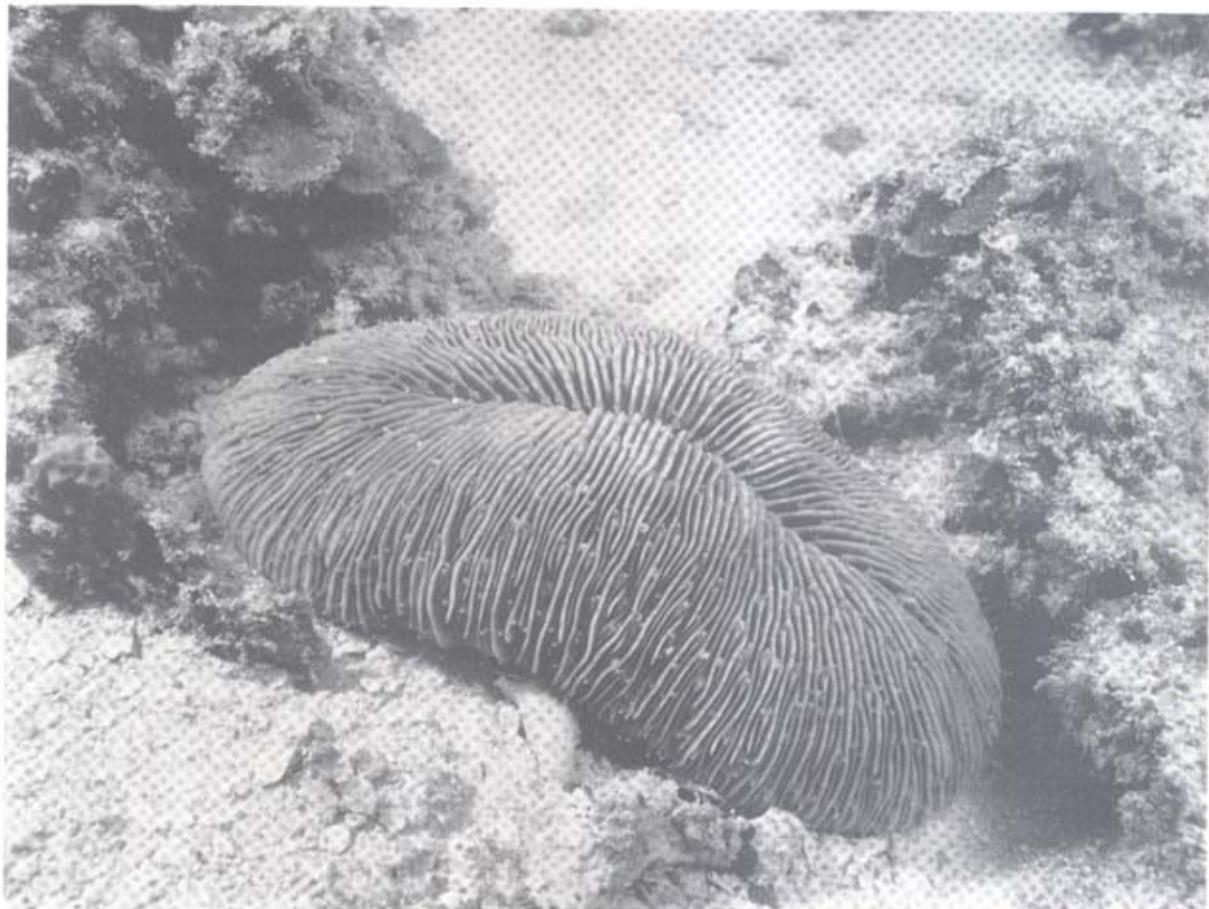
Area's	Seychelles group			Amirante group		
	Mahé	Praslin, etc.	Bird Island	St Joseph	Poivre	Alphonse, etc. Desroches
Species						
<i>Galaxea astreata</i> (Lamarck, 1816)	•					
<i>Galaxea fascicularis</i> (Linnaeus, 1767)	•				•	
<i>Gardineroseris planulata</i> (Dana, 1846)	•					
<i>Goniastrea aspera</i> Verrill, 1905	•					
<i>Goniastrea edwardsi</i> Chevalier, 1971	•		•			
<i>Goniastrea pectinata</i> (Ehrenberg, 1834)		•	•			
<i>Goniastrea retiformis</i> (Lamarck, 1816)	•					
<i>Goniopora column</i> Dana, 1846	•					
<i>Goniopora djiboutiensis</i> Vaughan, 1907	•		•			
<i>Goniopora lobata</i> M. Edwards & Haime, 1860	•					•
<i>Goniopora minor</i> Crossland, 1952	•					
<i>Goniopora savignyi</i> Dana, 1846	•	•	•			
<i>Goniopora somaliensis</i> Vaughan, 1907		•				
<i>Goniopora stokesi</i> M. Edwards & Haime, 1851	•					
<i>Gyrosmilia interrupta</i> (Ehrenberg, 1834)		•				
<i>Halomitra pileus</i> (Linnaeus, 1758)					•	
<i>Heliopora coerulea</i> (Pallas, 1766)		•		•		
<i>Herpolitha limax</i> (Esper, 1797)	•					
<i>Heterocyathus aequicostatus</i> M. Edw. & H., 1848		•				
<i>Heterocyathus alternatus</i> Verrill, 1865					•	
<i>Heterocyathus sulcatus</i> (Verrill, 1866)		•		•	•	
<i>Heteropsammia cochlea</i> (Spengler, 1781)	•	•	•	•	•	
<i>Hydnophora exesa</i> (Pallas, 1766)	•				•	
<i>Hydnophora microconos</i> (Lamarck, 1816)				•		
<i>Leptastrea bottae</i> M. Edwards & Haime, 1849	•					
<i>Leptastrea inaequalis</i> Klunzinger, 1879	•			•	•	•
<i>Leptastrea pruinosa</i> Crossland, 1952				•	•	•
<i>Leptastrea purpurea</i> (Dana, 1846)	•					
<i>Leptastrea transversa</i> Klunzinger, 1879	•	•	•	•	•	•
<i>Leptoria phrygia</i> (Ellis & Solander, 1786)	•			•		
<i>Leptoseris explanata</i> Yabe & Sugiyama, 1941		•	•	•		
<i>Leptoseris foliosa</i> Dinesen, 1980				•		
<i>Leptoseris hawaiiensis</i> Vaughan, 1907				•		
<i>Leptoseris myctoseroidea</i> Wells, 1954	•	•	•		•	•
<i>Leptoseris papyracea</i> Yabe & Sugiyama, 1941		•				
<i>Leptoseris scabra</i> Vaughan, 1907				•	•	
<i>Lobophyllia corymbosa</i> (Forskål, 1775)	•					
<i>Lobophyllia hemprichii</i> (Ehrenberg, 1834)	•	•	•		•	•
<i>Millepora dichotoma</i> Forskål, 1775	•					
<i>Millepora exaesa</i> Forskål, 1775	•	•	•			
<i>Millepora latifolia</i> Boschma, 1948	•					
<i>Millepora murrayi</i> Quelch, 1884						
<i>Millepora platyphylla</i> Hemprich & Ehrenberg, 1834	•	•				
<i>Montastrea curta</i> (Dana, 1846)	•	•		•		
<i>Montipora aequituberculata</i> Bernard, 1897	•	•	•		•	
<i>Montipora danae</i> (M. Edwards & Haime, 1851)		•	•			
<i>Montipora digitata</i> (Dana, 1846)					•	
<i>Montipora efflorescens</i> Bernard, 1897		•				
<i>Montipora foveolata</i> (Dana, 1846)				•		

Table 6.3.1. Collected stony corals by area (*Acropora* excluded; Desnoeufs and Platte Island excluded).

Area's	Seychelles group		Amirante group			
	Mahé	Praslin, etc.	Bird Island	St Joseph	Poivre	Alphonse, etc.
Species						
<i>Montipora hispida</i> (Dana, 1846)	•					
<i>Montipora informis</i> Bernard, 1897	•					
<i>Montipora monasteriata</i> (Forskål, 1775)	•	•	•	•	•	•
<i>Montipora spongiosa</i> (Ehrenberg, 1834)						•
<i>Montipora spongodes</i> Bernard, 1897						
<i>Montipora tuberculosa</i> (Lamarck, 1816)	•					
<i>Montipora venosa</i> (Ehrenberg, 1834)	•		•		•	•
<i>Mycedium elephantotus</i> (Pallas, 1766)	•				•	
<i>Oulophyllia crispa</i> (Lamarck, 1816)			•		•	•
<i>Oxypora lacera</i> (Verrill, 1864)	•					
<i>Pachyseris speciosa</i> (Dana, 1846)	•	•				•
<i>Pavona clavus</i> (Dana, 1846)	•					
<i>Pavona divaricata</i> (Lamarck, 1816)		•				
<i>Pavona explanulata</i> (Lamarck, 1816)	•	•	•	•	•	•
<i>Pavona maldivensis</i> (Gardiner, 1905)	•	•	•			•
<i>Pavona minuta</i> Wells, 1956	•	•				
<i>Pavona varians</i> Verrill, 1864	•	•	•		•	•
<i>Pavona venosa</i> (Ehrenberg, 1834)	•	•				
<i>Physogyra lichtensteini</i> M. Edwards & Haime, 1851			•			
<i>Platygyra daedalea</i> (Ellis & Solander, 1786)	•				•	
<i>Platygyra lamellina</i> (Ehrenberg, 1834)	•					
<i>Platygyra pini</i> Chevalier, 1975	•	•			•	
<i>Platygyra sinensis</i> (M. Edwards & Haime, 1849)	•					
<i>Plerogyra sinuosa</i> (Dana, 1846)	•					
<i>Plesiastrea versipora</i> (Lamarck, 1816)	•		•			
<i>Pocillopora damicornis</i> (Linnaeus, 1758)	•					•
<i>Pocillopora eydouxi</i> M. Edwards & Haime, 1860	•					
<i>Pocillopora verrucosa</i> (Ellis & Solander, 1786)	•					
<i>Podabacia crustacea</i> (Pallas, 1766)	•					•
<i>Polyphyllia talpina</i> (Esper, 1797)		•				
<i>Porites cylindrica</i> Dana, 1846	•	•				•
<i>Porites lichen</i> Dana, 1846	•	•		•		
<i>Porites lobata</i> Dana, 1846	•	•		•	•	
<i>Porites lutea</i> M. Edwards & Haime, 1860	•			•		
<i>Porites nigrescens</i> Dana, 1846		•				
<i>Porites rus</i> (Forskål, 1775)	•					
<i>Porites solida</i> (Forskål, 1775)	•	•	•	•		
<i>Psammocora contigua</i> (Esper, 1797)	•					
<i>Psammocora digitata</i> M. Edwards & Haime, 1851		•				
<i>Psammocora explanulata</i> Van der Horst, 1922		•	•			
<i>Psammocora haimeana</i> M. Edwards & Haime, 1851		•		•		
<i>Psammocora profundacella</i> Gardiner, 1898	•	•	•	•		
<i>Psammocora stellata</i> (Verrill, 1866)	•	•				
<i>Psammocora superficialis</i> Gardiner, 1898	•	•	•	•		
<i>Sandalolitha dentata</i> Quelch, 1884					•	•
<i>Sandalolitha robusta</i> (Quelch, 1886)				•		
<i>Scolymia australis</i> (M. Edwards & Haime, 1849)				•		
<i>Seriatopora hystrix</i> Dana, 1846				•	•	
<i>Siderastrea savignyana</i> M. Edwards & Haime, 1850	•					

Table 6.3.1. Collected stony corals by area (*Acropora* excluded; Desnoeufs and Platte Island excluded).

Area's	Seychelles group			Amirante group		
	Mahé	Praslin, etc.	Bird Island	St Joseph	Poivre	Alphonse, etc. Desrtoches
Species						
<i>Stylaraea punctata</i> (Linnaeus, 1758)	•					
<i>Styaster</i> sp.						•
<i>Stylocoeniella armata</i> (Ehrenberg, 1834)	•					
<i>Stylocoeniella guentheri</i> Basset-Smith, 1890	•			•		
<i>Stylophora mordax</i> (Dana, 1846)	•					
<i>Stylophora pistillata</i> (Esper, 1797)	•	•	•		•	•
<i>Symphyllia radians</i> (M. Edwards & Haime, 1849)	•				•	
<i>Trachyphyllia geoffroyi</i> (Audouin, 1826)			•			
<i>Tubastrea micrantha</i> (Ehrenberg, 1834)		•		•		
<i>Tubastrea</i> sp.	•					•
<i>Tubipora musica</i> Linnaeus, 1758	•	•				
<i>Turbinaria mesenterina</i> (Lamarck, 1801)	•					
<i>Turbinaria peltata</i> (Esper, 1794)	•				•	
<i>Turbinaria reniformis</i> Bernard, 1896	•			•		•
<i>Turbinaria stellulata</i> (Lamarck, 1816)	•		•			
Number of species	109	64	45	48	41	36
Totals all areas: 161 species, excluding <i>Acropora</i>			143			89



Fungia seychellensis Hoeksema, 1993