

**PACIFIC COOPERATIVE STUDIES UNIT
UNIVERSITY OF HAWAI`I AT MĀNOA**

Dr. David C. Duffy, Unit Leader
Department of Botany
3190 Maile Way, St. John #408
Honolulu, Hawai'i 96822



Technical Report 155

**A Preliminary List of Coral Species
of the National Park of American Samoa**

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Eva DiDonato¹, Charles Birkeland² and Douglas Fenner³

¹ Formerly with the National Park of American Samoa, Pago Pago

² University of Hawai'i at Mānoa

³ Department of Marine and Wildlife Resources, American Samoa

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A PRELIMINARY LIST OF CORAL SPECIES OF THE NATIONAL PARK OF AMERICAN SAMOA

ABSTRACT

This is a list of 227 coral species recorded in the National Park of American Samoa based primarily on a series of photo images by the principal author and identified by Charles Birkeland and Douglas Fenner. Of the 227 species (five identified only to genus) 108 are documented by the photos and 123 are listed based upon the surveys and transects by Birkeland, Coles, Craig, Fisk, Hunter, Maragos and/or Mundt. This report forms a basis for certifying a list of corals in the National Park of American Samoa for inclusion in the National Park Service's on-line park biota inventory database (NPSpecies) of the U.S. national parks.

METHODS

This list of coral species found at the National Park of American Samoa is based largely on a series of photo images by the principal author and identified by Charles Birkeland and Douglas Fenner. Additionally, the list includes all species reported within the park by others and should be taken at face value. The authors do not vouch for the taxonomic correctness of the names used by previous workers, nor for the accuracy of their identifications. The list should be considered as a contribution toward progress, but not definitive. Additional species based upon photo images by James Maragos and others are included. At present the entire photo series is available on-line at the park's web page, <<http://www.nps.gov/npsa/NPSAcorl/corlnamA.htm>>. This web page version is a preliminary list that is not static, and is expected to change with the addition of additional species, better or more distinctive images, and further resolution of any taxonomic disagreement. Future web versions will be expanded to include listing voucher specimens of corals collected within the park now held in museums or institutions. Of the 227 species (five identified only to genus) 108 are documented by the photos and 119 are listed based upon the surveys and transects by Birkeland, Coles, Craig, Fisk, Hunter, Maragos and/or Mundt.

This list forms the basis for these species to be added to "NPSpecies," the National Park Service on-line park biota inventory database of the national parks. The database includes "NPSpecies" standard notation for the species "status" at each particular park as follows:

Status: Presence / Abundance / Residency / Nativity

Presence. Presence denotes whether the species was ever listed for, or occurs, within the park. "Present in the park" means the species has been recorded within the park and is

still found there. All the species listed here have been observed as present in the park. Many species' presence is recorded at a specific island or place within the park, e.g. "Ofu Lagoon."

Abundance. Here notation relative to the abundance of corals in the park are based primarily upon the frequency the species appears in the Ofu Reef transects run by Maragos in 1995, and by the estimated area species cover in pools A and B in Craig, et al, 2001 study. Thus the abundance estimations more correctly relate to the Ofu reefs of the park (which has strikingly greater biodiversity than other waters of the park). Portions of the park's Tutuila reefs were drastically affected by the Crown-of-Thorns outbreak in the late-70s. Corals are often unevenly distributed, so even species regarded as rare Pacific-wide may be locally abundant (such as blue coral at the airport end of Ofu Lagoon).

Residency. Regarding residency, all the species listed herein are growing in park waters and are listed as "resident." They are listed as breeding populations only if data along some of the existing transects showed clumps of corals with a wide range of all size classes, including the smallest.

Nativity. Those species listed as residing in the park and whose normal distribution includes American Samoa were regarded as native. None are endemic (found exclusively in Samoa) or alien (not naturally occurring within the park).

Common names, where they are thought to be in use, are included--but there is little uniformity of these and only a few names are applied to individual species or even general groups of corals.

The Taxonomic Serial Number (TSN) is a unique number assigned each accepted taxonomic name by the "Integrated Taxonomic Information System." The National Park Service's inventory and management systems, including the NPSpecies on-line lists have adopted use of this numbering system to both keep the species list current, and for researches to track taxonomic changes as they have occurred.

LIST OF SPECIES

Order: *Zoanthidea*. TSN 52431. Zoanthids.

Family: *Zoanthidae* Garay, 1840 (emend.). TSN 52432. Soft Corals.

Palythoa sp. Lamouroux, 1816. TSN 52433. Zoanthid. Status: present in park at Tutuila / uncommon / resident / native. *Palythoa* forms extensive mats in the surge zones.

Voucher photo (P1010080.jpg = Palytho7.jpg, 14 June 2002 at Fagatuitui Cove, Tutuila) by Eva DiDonato; identified by Charles Birkeland.

Order: *Alcyonacea* Lamouroux, 1894. TSN 52016. Soft corals.

Family: *Alcyoniidae* Lamouroux, 1812. TSN 52019. True soft corals.

Lobophytum von Marenzeller, 1886. sp. TSN none. Leather coral. Status: present in park at Ofu / common / resident / native. Common in Ofu Lagoon.

Voucher photo (P1010145 = Sinular7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.
Recorded on 2.4% of Maragos' Ofu Lagoon plots⁹ and on one Fisk/Birkeland Ofu transect in March 2002.⁶

Sarcophyton sp. TSN none. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (SCbouquet.jpg = Sarcoph7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.
Recorded on one Ofu and one Olosega transects in March 2002 by Fisk and Birkeland,⁶ and on 2 of 8 Ofu stations, both offshore, by Hunter.⁷

Sinularia sp. TSN none. Leather coral. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on one Ofu transect in March 2002 by Fisk and Birkeland.⁶

Order: *Corallimorpharia* Stephenson, 1937. TSN none. Sea Anemones.

Family: *Discosomatidae* Duchassaing and Michelotti, 1864. TSN none.

Discosoma Ruppell and Leuckart, 1828. sp. TSN none. Disk Anemone. Status: present in park / uncommon / resident / native.

Voucher photo (Discosoma.sp.jpg = Discosom7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Order: *Scleractinia* Bourne, 1900 -- Stony Corals. TSN 52839.

Family: *Astrocoeniidae* Koby, 1890. TSN 52841.

Stylocoeniella armata Ehrenberg, 1834. TSN 52847. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Pools A and B by Craig,⁴ its record on Olosega and Vatia (Tutuila) transects in March 2002 Fisk and Birkeland,⁶ at Fagasa by Birkeland, *et al.*,¹ at Vatia and Fagasa by Mundy,¹⁰ and at Ofu October 2002 by Coles.³

Stylocoeniella guentheri Bassett-Smith, 1890. TSN 52846. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Fisk and Birkland at Fagasa⁶.

Family: *Pocilloporidae* Gray, 1842. TSN 53006

Pocillopora ankei. TSN none. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al* at Fagasa.¹

Pocillopora damicornis (Linnaeus, 1758). TSN 53018. Lace Coral. Status: present in park at Ofu, Olosega and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon.

Voucher photo (P1010111.jpg = PocdamiL.jpg, 14 June 2002 at Fagatuitui Cove, Tutuila) by Eva DiDonato; identified by Charles Birkeland.

Recorded on 23.4% of Maragos' Ofu Lagoon plots,⁹ and 3 of 11 of his Ofu/Olosega 1991-2 sites.⁸ A dominant coral in Ofu Lagoon accounting for 4.1% of coral cover in Pool A and 2% in Pool B (Craig⁴).

Recorded on 4 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles,³ and at Vatia by Fisk, *et al*,⁶ and by Mundy.¹⁰

Pocillopora danae Verrill, 1864. TSN none. Status: present in park at Ofu / common / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pools A and B by Craig.⁴ and recorded at Ofu October 2002 by Coles.³

Pocillopora elegans Dana, 1846. TSN 53023. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al* at Fagasa.¹

Pocillopora eydouxi Milne-Edwards and Haime, 1860. TSN 53020. Antler Coral. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Common in Ofu Lagoon and Vatia.

Voucher photo (Pocillopora.eydouxi.jpg = PoceydoL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Pocillopora woodjonesi.jpg = PocwoodL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Pocillopora edouxi (& Leptoria Phrygia).jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on 3.1% of Maragos' Ofu Lagoon plots,⁹ on 5 of 11 of his Ofu/Olosega 1991-2 sites,⁸ and five of six Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 3 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al*¹ and at Vatia and Fagasa by Mundy.¹⁰

Pocillopora ligulata Dana, 1846. TSN none. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al* at Fagasa.¹

Pocillopora meandrina Dana, 1846. TSN 53022. Cauliflower Coral. Status: present in park at Ofu, Olosega, and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon.

Voucher photo (P1010016.jpg = Pocverr7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.

Recorded on 11.1% of Maragos' plots,⁹ and 10 of 11 of his Ofu/Olosega 1991-2 sites,⁸ and on Fagasa and two Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Observed in Ofu Lagoon Pools A & B by Craig.⁴

Recorded on 3 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles,³ at Vatia and Fagasa by Birkeland, *et al*¹ and Mundy.¹⁰

Pocillopora setcheli Hoffmeister, 1929. TSN none. Status: present in park at Ofu / uncommon / resident / unknown.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles.³

Pocillopora verrucosa (Ellis and Solander, 1786). TSN 53019. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

Voucher photo (Pocillopora.verrucosa1.jpg = Pocverruc17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Pocillopora.verrucosa1a.jpg = pocverruc1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Pocillopora verrucosa 2.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on Ofu and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ at Fagasa and Vatia Birkeland, *et al*¹ and at Vatia by Mundy.¹⁰

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 4 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at 5 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Pocillopora woodjonesi Vaughan, 1918. TSN 53021. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on two Vatia (Tutuila) transects March 2002 by Fisk and Birkeland,⁶ and at Vatia by Birkeland, *et al*.¹

Stylophora pistillata (Esper, 1797). TSN 53029. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on 2 of 8 Ofu stations by Hunter,⁷ and at 8 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Family: *Acroporidae* Verrill, 1902. TSN 52859.

Acropora Oken, 1815. sp.. TSN 52860. Status: present in park / common / unknown / native.

Voucher photo (Acropora.sp1.jpg = Acroporsp17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.sp1a.jpg = Acropor1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Acropora abrotanoides (Lamarck, 1816). TSN 52942. Status: present in park at Tutuila / uncommon / resident / native.

Voucher photo (Acropora.abrotanoides1.jpg = Acrabrota7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.abrotanoides2.jpg = Acrabrotan27.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.abrotanoides2a.jpg = acrabrotan2a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.abrotanoides3.jpg = Acrabrotan37.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.abrotanoides3a.jpg = acrabrotan3a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.abrotanoides4.jpg = acrabrotan47.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.abrotanoides4a.jpg = acrabrotan4a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.abrotanoides5.jpg = acrabrotan57.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.
Voucher photo (Acropora.abrotanoides5a.jpg = acrabrotanoides5a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.
Recorded on Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ at Vatia by Birkeland, *et al.*,¹ and at Ofu October 2002 by Coles.³
A voucher photo (Montipora.danai.jpg = Mondana7.jpg, between 2002 and 2004, in the park, by Eva DiDonato, and transects by Mundy¹⁰ at Fagasa and Vatia in 1996 were recorded as *Montipora danae*; Fenner regards *M. danae* as a junior synonym of *A. abrotanoides*.

Acropora aculeus (Dana, 1846). TSN 52915. Status: present in park at Ofu Lagoon / uncommon / resident / native. Uncommon in Ofu Lagoon.

There are no voucher specimens for this species; it is included based upon its presence in Pool B by Craig,⁴ and recorded on one of Maragos' Ofu Lagoon plots.⁹

Acropora acuminata (Verrill, 1864). TSN 52891. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994,⁸ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹

Acropora austera (Dana, 1846). TSN 52898. Staghorn Coral. Status: present in park at Ofu / uncommon / resident / native.

Voucher photo (Acropora.austera1.jpg = acrauster17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.austera1a.jpg = acrauster1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Observed in Ofu Lagoon Pools A & B by Craig.⁴

Recorded (as *A. cf. austera*) at Ofu October 2002 by Coles.³

Acropora azurea Veron and Wallace, 1984. TSN 52916. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al.*,¹ and Mundy¹⁰ at Fagasa.

Acropora caniculata. TSN none. Status: present in park at Ofu Lagoon / uncommon / resident / unknown.

Voucher photo (Acropora caniculata.jpg, 4 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Acropora carduus (Dana, 1846). TSN 52926. Status: present in park at Ofu Lagoon / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pool B by Craig.⁴

Acropora clathrata (Brook, 1891). TSN 52921. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on one Vatia (Tutuila) transect in March 2002 by Fisk and Birkeland,⁶ at 3 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Vatia in 1996 by Mundy.¹⁰

Acropora complanata (Brook, 1893). TSN none. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al* at Fagasa.¹

Acropora cophodactyla (Brook, 1892). TSN none. Status: present in park / uncommon / resident / unknown.

Voucher photo (Acropora.cophodactyla1.jpg = acrcoph17.jpg, between 2002 and 2004, in the park,) by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.anthocercis.jpg = Acropora.cophodactyla1a.jpg = Acrantho7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Acropora crateriformis (Gardiner, 1898). TSN 571773. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

Voucher photo (Acropora.crateriformis.jpg = AcrcratL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.crateriformis.jpg, 4 March 2002 at Ofu between airport and harbor) by Larry Basch; identified by Charles Birkeland.

Observed in Ofu Lagoon Pool A by Craig.⁴

Recorded at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al.*¹ and at Vatia in 1996 by Mundy.¹⁰

Acropora cuneata (Dana, 1846). TSN 52873. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on 2 of 8 Ofu stations by Hunter,⁷ and at 7 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Acropora cytherea (Dana, 1846). TSN 52907. Table coral. Status: present in park at Tutuila / uncommon / resident / native.

Voucher photo (Acropora.cytherea.jpg = acrcyther17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.cytherea1a.jpg = acrcyth1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Vatia (Tutuila) transect in March 2002 by Fisk and Birkeland,⁶ at Fagasa by Birkeland, *et al.*¹ and at Vatia in 1996 by Mundy.¹⁰

Acropora danai (Milne-Edwards and Haime, 1860). TSN 52884. Status: present in park at Ofu, Olosega / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (jm70a7.jpg, 1995, at Ofu Lagoon corridor 5) and identification by James Maragos. Recorded on less than 1% of Maragos' Ofu Lagoon plots,⁹ and at Fagasa by Birkeland, *et al.*¹

Acropora delicatula (Brook). TSN 52945 Status: present in park at Ofu / uncommon / resident / native. Uncommon in Ofu Lagoon.

There are no voucher photos for this species; it is included based upon its listed presence (less than 1% of the plots) on the Ofu Reef transects run by Maragos in 1995.⁹

Acropora digitifera (Dana, 1846). TSN 52864. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (acrdigitif7.jpg, 3 March 2003, Ofu Lagoon) by Larry Basch; identified by Charles Birkeland.

Recorded on less than 1% of Maragos' plots,⁹ on 6 of 11 of his Ofu/Olosega 1991-2 sites,⁸ and on Ofu, Olosega, and Vatia (Tutuila) transects March 2002 by Fisk and Birkeland.⁶

Observed in Ofu Lagoon Pool A by Craig,⁴ at Ofu October 2002 by Coles,³ and on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Acropora divaricata (Dana, 1846). TSN 52922. Status: present in park at Tutuila / uncommon / resident / native.

Voucher photo (Acropora.divaricata1.jpg = acrdvari17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.divaricata1a.jpg = acrdvari1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Vatia (Tutuila) transect in March 2002 by Fisk and Birkeland,⁶ and on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Acropora donei Veron and Wallace, 1984. TSN 52904. Status: present in park at Ofu Lagoon / common / resident / native. Recorded in shallow waters of Ofu Lagoon at pools B.

Voucher photo (P1010131.jpg = Acrdone7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Observed in Ofu Lagoon Pool B accounting for 1.7% of coral cover by Craig.⁴

Acropora elseyi (Brook, 1892). TSN 52927. Bottlebrush Coral. Status: present in park at Ofu Lagoon / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pool B by Craig.⁴

Acropora formosa (Dana, 1846). TSN 52890. Status: present in park at Ofu, Olosega / common / resident / native.

Voucher photo (P1010063.jpg = Acrform7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Recorded at one of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Acropora muricata (Linnaeus, 1788). TSN none. Status: present in park at Ofu / common / unknown / native. Recorded in shallow waters of Ofu Lagoon at pools B.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon where it was a dominant coral accounting for 4% of coral cover in Pool B (Craig⁴). Recorded at Ofu October 2002 by Coles.³

The authors acknowledge current disagreement regarding taxonomy of *A. formosa* and *A. muricata*, e.g., whether they are separate species or whether *muricata* is synonymous to *formosa*. The argument for the use of *Acropora formosa* from J.E.N. (Charlie) Veron can be found on page 176 of the first volume of his three-volume monograph on Corals of the World. The argument for use of *Acropora muricata* can be found on pages 2 – 4 in Carden Wallace's Staghorn Corals of the World.

Acropora gemmifera (Brook, 1892). TSN 52875. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Common in Ofu Lagoon.

Voucher photo (P1010074.jpg = Acrgemm7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Recorded on one of Maragos' Ofu Lagoon plots,⁹ on 7 of 11 of his Ofu/Olosega 1991-2 sites,⁸ on two Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ and at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al.*¹ and at Vatia in 1996 by Mundy.¹⁰ Observed in Ofu Lagoon Pools A & B by Craig.⁴

Acropora glauca (Brook, 1893). TSN 52882. Status: present in park at Ofu / uncommon / resident / native.

Voucher photo (Acropora glauca.jpg, 5 March 2002 at Ofu between airport and harbor) by Larry Basch; identified by Charles Birkeland.

Acropora cf. globiceps (Dana, 1846). TSN none. Status: present in park at Ofu / uncommon / resident / unknown.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles.³

Acropora grandis (Brook, 1892). TSN 52889. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pool B by Craig,⁴ and recorded on 1 of 8 Ofu stations by Hunter.⁷

Acropora horrida (Dana, 1846). TSN 52895. Status: present in park at Ofu Lagoon / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pool B by Craig.⁴

Acropora humilis (Dana, 1846). TSN 52868. Finger Staghorn Coral. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Recorded in shallow waters of Ofu Lagoon at both pools A and B. Common in Ofu Lagoon where it typically occurs on exposed reef fronts exposed to heavy wave action.

Voucher photo (Acropora.gemmifera.jpg = Acrgemml.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Recorded on one of Maragos' Ofu Lagoon plots,⁹ on 7 of 11 of his Ofu/Olosega 1991-2 sites,⁸ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al.*,¹ and at Vatia in 1996 by Mundy.¹⁰ Observed in Ofu Lagoon Pools A & B by Craig.⁴

Acropora hyacinthus (Dana, 1846). TSN 52910. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Acropora.hyacinthus1.jpg = Acrhyaci7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkelaund.

Voucher photo (P1010007.jpg = acryacin27.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Observed in Ofu Lagoon Pools A & B by Craig.⁴

Recorded at 3 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al.*,¹ and at Vatia in 1996 by Mundy.¹⁰

Acropora irregularis (Brook, 1892). TSN 52869. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and at Fagasa by Birkeland, *et al.*¹

Acropora latistella (Brook, 1892). TSN 52912. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig,⁴ and is recorded on one Vatia (Tutuila) transect 18 March 2002 by Fisk and Birkeland.⁶

Acropora listeri (Brook, 1893). TSN 52888. Status: present in park / uncommon / resident / native.

Voucher photo (Acropora.listeri1.jpg = acrlisteri17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.listeri1a.jpg = acrlisteri1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Acropora lutkeni Crossland, 1952. TSN 52920. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Acropora microclados (Ehrenberg, 1834). TSN 52908. Status: present in park / uncommon / resident / native.

Voucher photo (Acropora.microclados1.jpg = acrmicrocl17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.microclados1a.jpg = acrmicrocl1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Acropora microphthalma (Verrill, 1869). TSN 52893. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig,⁴ and it is recorded on Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Acropora monticulosa (Brueggemann, 1879). TSN 52876. Status: present in park at Ofu / uncommon / resident / native. Uncommon in Ofu Lagoon.

There are no voucher photos for this species; it is included based upon its listed presence (less than 1% of the plots) on the Ofu Reef transects run by Maragos in 1995.⁹

Acropora nana (Studer, 1878). TSN 52914. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Acropora nasuta (Dana, 1846). TSN 52870. Branching Staghorn Coral. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (Acropora.nasuta1.jpg = acrnasuta17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.nasuta1a.jpg = acrnasuta1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (P1010137 = Acrnasu7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.nasuta3.jpg = Acropora.selago.jpg = Acrselag7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on less than 1% of Maragos' Ofu Lagoon plots,⁹ on 8 of 11 of his Ofu/Olosega 1991-2 sites,⁸ on one Vatia (Tutuila) transect in March 2002 by Fisk and Birkeland,⁶ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Observed in Ofu Lagoon Pool A by Craig.⁴

Recorded on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Acropora nobilis (Dana, 1846). TSN 52886. Status: present in park / common / resident / native.

Voucher photo (Acropora.nobilis1.jpg = acrnobilis17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.nobilis1a.jpg = acrnobilis1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.nobilis2.jpg = acrnobilis27.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.nobilis2a.jpg = acrnobilis2a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Recorded at Fagasa by Birkeland, *et al.*¹ and at Vatia in 1996 by Mundy.¹⁰

Craig⁴ reported *Acropora intermedia* at Ofu Lagoon where it was a dominant coral accounting for 2.8% of coral cover in Pool B; Fenner regards this and *A. nobilis* as synonymous

Acropora ocellata (Klunzinger, 1879). TSN 571792. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹

Acropora palifera (Lamarck, 1816). TSN 52871. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on 2 of 8 Ofu stations by Hunter.⁷

Acropora palmerae Wells, 1954. TSN 52885. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles.³

Acropora paniculata (Verrill, 1902). TSN 52909. Fuzzy Table Coral. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Acropora pulchra (Brook, 1891). TSN 52900. Status: present in park at Ofu Lagoon / common / resident / native. Recorded in shallow waters of Ofu Lagoon at both pools A and B.

Voucher photo (P1010097.jpg = Acrasper7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.
Observed in Pools A and B by Craig.⁴

Acropora polystoma (Brook, 1891). TSN 52887. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Acropora retusa (Dana, 1846). TSN none. Status: present in park / uncommon / resident / unknown.

Voucher photo (Acropora.retusa1.jpg = Acrretusa17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (Acropora.retusa2.jpg = AcrretuL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (Acropora.retusa3.jpg = Acrretusa37.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (Acropora.retusa3a.jpg = Acropsamoensis1.jpg = Acrsamoe7.jpg, between 2002 and 2004, in the park by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (Acropora.retusa4.jpg = Acropsurculosa.jpg = Acrsurc7.jpg, between 2002 and 2004, in the park by Eva DiDonato; identified by Charles Birkeland.

Acropora robusta (Dana, 1846). TSN 52883. Status: present in park at Ofu, Olosega / common / resident / native.

Voucher photo (jm23a7.jpg, March 1995, Ofu Lagoon corridor 2.) and identifications by Jim Maragos.
Recorded on 1.4% of Maragos' Ofu Lagoon plots,⁹ and 6 of 11 of his Ofu/Olosega 1991-2 sites.⁸
Recorded on 1 of 8 Ofu stations by Hunter,⁷ and at Fagasa by Birkeland, *et al.*¹

Acropora samoensis (Brook, 1891). TSN 52877. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Present in shallow waters of Ofu Lagoon.

Common in Ofu Lagoon.

Voucher photo (jm56a7.jpg, 1995, Ofu Lagoon corridor 4.) and identifications by Jim Maragos. Recorded on 2.1% of Maragos' Ofu Lagoon plots,⁹ on 5 of 11 of his Ofu/Olosega 1991-2 sites,⁸ on one Ofu and one Vatia (Tutuila) transects March 2002 by Fisk and Birkeland,⁶ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al*,¹ and at Fagasa and Vatia in 1996 by Mundy.¹⁰ Observed in Ofu Lagoon Pool A by Craig.⁴

Acropora secale (Studer, 1878). TSN 52919. Status: present in park / uncommon / resident / native.

Voucher photo (Acropora.secale1.jpg = Acropora.valida.jpg = Acrvalid7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.secale1a.jpg = Acrsecal1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Acropora spicifera (Dana, 1846). TSN 52938. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at six of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Acropora squarrosa (Ehrenberg, 1834). TSN 52941. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al* at Fagasa.¹

Acropora subulata (Dana, 1846). TSN 571807. Status: present in park / uncommon / resident / native.

Voucher photo (Acropora.subulata1.jpg = Acrsubul17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Acropora.subulata1a.jpg = Acrsubul1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Recorded at Vatia in 1996 by Mundy.¹⁰

Acropora surculosa (Dana, 1846). TSN 52872. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence (as *A. cf. surculosa*) at Ofu October 2002 by Coles.³

Acropora tenuis (Dana, 1846). TSN 52902. Status: present in park at Ofu / common / resident / native.

Voucher photo (P1010066.jpg = Acrtenu7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.tenuis1.jpg = Acrtenuis17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Acropora.tenuis1a.jpg = Acrtenuis1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Ofu transect in March 2002 by Fisk and Birkeland,⁶ and Ofu October 2002 by Coles.³

Observed in Ofu Lagoon Pools A & B by Craig.⁴

Acropora valida (Dana, 1846). TSN 52918. Bushy Staghorn Coral. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Common in Ofu Lagoon.

Voucher photo (Acropora.valida1.jpg = Acrvalida17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (Acropora.valida1a.jpg = Acrvalida1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
There are no voucher specimens for this species; it is included based upon its presence in Pool B by Craig,⁴ recorded on 6.4% of Maragos' Ofu Lagoon plots,⁹ on 4 of 11 of his Ofu/Olosega 1991-2 sites,⁸ at Ofu October 2002 by Coles,³ and on Fagasa transects in March 2002 by Fisk and Birkeland.⁶

Acropora vaughani Wells, 1954. TSN 52897. Status: present in park / uncommon / resident / native.

Voucher photo (Acropora.vaughani.jpg = Acrvaugh17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (Acropora.vaughani1a.jpg = Acrvaugh1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Acropora verweyi Veron and Wallace, 1984. TSN 52880. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

Voucher photo (Acropora.verweyi1.jpg = Acrverw17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (P1010076.jpg = Acrverw7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.
Recorded on one Vatia (Tutuila) transect in March 2002 by Fisk and Birkeland,⁶ and at Ofu October 2002 by Coles.³
Observed in Ofu Lagoon Pool A by Craig.⁴

Acropora yongei Veron and Wallace, 1984. TSN 52906. Yonge's Staghorn Coral. Status: present in park at Ofu Lagoon / uncommon / resident / native.

Voucher photo (P1010135.jpg = Acryong7.jpg, 18 -19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Astreopora elliptica Yabe & Sugiyama, 1941. TSN none. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Astreopora gracilis Bernard, 1896. TSN 52999. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on one Ofu transect in March 2002 by Fisk and Birkeland,⁶ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Astreopora listeri Bernard, 1896. TSN 52998. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Mundy at Vatia.¹⁰

Astreopora myriophthalma (Lamarck, 1816). TSN 52997. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Astreopora.myriophthalma1.jpg = AstmyrioL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (P1010022.jpg = Astranda7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.
Recorded on one Ofu transect in March 2002 by Fisk and Birkeland,⁶ on 4 of 8 Ofu stations by Hunter,⁷ at 8 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹
Recorded in Pools A and B by Craig.⁴

Astreopora randalli Lamberts, 1980. TSN none. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, et al at Fagasa.¹

Montipora aequituberculata Bernard, 1897. TSN 52978. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkland,⁶ at Fagasa by Birkland, et al,¹ and at Vatia in 1996 by Mundy.¹⁰

Recorded at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Montipora berryi Hoffmeister, 1925. TSN none. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles.³

Montipora calcarea Bernard, 1897. TSN 52980. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkland.⁶

Montipora caliculata (Dana, 1846). TSN 52966. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (P1010041 = Monfove7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.

Recorded on Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkland,⁶ and at one of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Montipora conicula Wells, 1954. TSN none. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles.³

Montipora corbettensis Veron and Wallace, 1984. TSN 52975. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Vatia (Tutuila) transects in March 2002 by Fisk and Birkland.⁶

Montipora efflorescens Bernard, 1897. TSN 52971. Status: present in park at Ofu and Tutuila / common / resident / native.

Voucher photo (P1010057.jpg = Moneffl7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkland.

Recorded on Ofu and Vatia (Tutuila) transects in March 2002 by Fisk and Birkland,⁶ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Observed in Ofu Lagoon Pool A by Craig.⁴

Montipora effusa Dana, 1846. TSN 572301. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkland.⁶

Montipora ehrenbergii Verrill, 1875. TSN none. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994,⁸ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹

Montipora elshneri Vaughn, 1918. TSN none. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles,³ and on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Montipora foliosa (Pallas, 1766). TSN 52977. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Montipora foveolata (Dana, 1846). TSN 52964. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pools A and B by Craig,⁴ recorded on Ofu transects in March 2002 by Fisk and Birkeland,⁶ on 1 of 8 Ofu stations by Hunter,⁷ at 4 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Fagasa by Birkeland, *et al.*¹

Montipora grisea Bernard, 1897. TSN 52973. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Montipora.grisea1.jpg = mongris17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Montipora.grisea1a.jpg = mongris1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on Ofu, Olosega, and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ at Ofu October 2002 by Coles,³ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Montipora hispida (Dana, 1846). TSN 52969. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at six of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and at Fagasa by Birkeland, *et al.*¹

Montipora hoffmeisteri Wells, 1954. TSN 52951. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Ofu and Vatia (Tutuila) transects March 2002 by Fisk and Birkeland,⁶ at Ofu October 2002 by Coles,³ at Vatia in 1996 by Mundy.¹⁰ and at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Montipora informis Bernard, 1897. TSN 52976. Status: present in park at Ofu and Tutuila / common / resident / native. Common in Ofu Lagoon.

Voucher photo (jm22b7.jpg, March 1995, Ofu Lagoon corridor 2.) and identifications by Jim Maragos.

Recorded on 2.8% of Maragos' Ofu Lagoon plots,⁹ on 1 of 11 of his Ofu/Olosega 1991-2 sites,⁸ on Fagasa and four of six Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ and at Vatia in 1996 by Mundy.¹⁰

Recorded on 4 of 8 Ofu stations by Hunter,⁷ and on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Montipora marshallensis Veron, 2002. TSN none. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, et al at Fagasa.¹

Montipora millepora Crossland, 1952. TSN 52953. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Mundy in 1996 at Fagasa.¹⁰

Montipora mollis Bernard, 1897. TSN 52954. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on two of Ofu transects in March 2002 by Fisk and Birkland.⁶

Montipora monasteriata (Forskål, 1775). TSN 52949. Status: present in park at Ofu / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (jm25a7.jpg, March 1995, Ofu Lagoon 2.) and identifications by Jim Maragos. Recorded on less than 1% of Maragos' Ofu Lagoon plots,⁹ at Ofu October 2002 by Coles,³ and at Fagasa and Vatia in 1996 by Mundy.¹⁰ Observed in Ofu Lagoon Pool A by Craig.⁴

Montipora monticulosa Dana. TSN none. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Montipora nodosa (Dana, 1846). TSN 52972. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (P1010059.jpg = Monnodo7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland. Voucher photo (Montipora.nodosa.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland. Recorded on Ofu, Olosega, and Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkland,⁶ and at Vatia in 1996 by Mundy.¹⁰

Montipora peltiformis Bernard, 1897. TSN 52956. Status: present in park at Tutuila / uncommon / resident / native.

Voucher photo (Montipora.peltiformis.jpg = Monpelt7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland. Recorded on Fagasa and Vatia (Tutuila) transect in March 2002 by Fisk and Birkland.⁶

Montipora socialis Bernard, 1897. TSN 52984. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles,³ and at Fagasa by Birkland, et al.¹

Montipora tuberculosa (Lamarck, 1816). TSN 52950. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Common in Ofu Lagoon where it was recorded.

Voucher photo (Montipora.tuberculosa.jpg = Monpelt7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland. Recorded on 1.2% of Maragos' Ofu Lagoon plots,⁹ on 7 of 11 of his Ofu/Olosega 1991-2 sites,⁸ and on the Vatia (Tutuila) transects in March 2002 by Fisk and Birkland.⁶ Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 2 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Montipora turgescens Bernard, 1897. TSN: 52957. Lumpy Rice Coral. Status: present in park at Ofu Lagoon / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig,⁴ and at Vatia in 1996 by Mundy.¹⁰

Montipora turtlensis Veron and Wallace, 1984. TSN 52955. Status: present in park / uncommon / resident / native.

Voucher photo (Montipora.turtlensis.jpg = MonturtL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Montipora venosa (Ehrenberg, 1834). TSN 52965. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

Voucher photo (Montipora.venosa.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded at Fagasa and on one Ofu transect in March 2002 by Fisk and Birkeland,⁶ and at Fagasa by Birkeland, *et al.*¹

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Montipora verrilli Vaughn, 1907. TSN none. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at eight of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and at Fagasa by Birkeland, *et al.*¹

Montipora verrucosa (Lamarck, 1816). TSN 52962. Rice Coral. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (Montipora.verrucosa.jpg = Monverru7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Ofu transect in March 2002 by Fisk and Birkeland,⁶ at Ofu October 2002 by Coles,³ and at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Observed in Ofu Lagoon Pool A by Craig.⁴

Family: *Poritidae* Gray, 1842. TSN 53176.

Alveopora allingi Hoffmeister, 1925. TSN 53234. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Mundy at Vatia and Fagasa.¹⁰

Goniopora fruticosa Saville-Kent, 1891. TSN 53226. Status: present in park / uncommon / resident / native.

Voucher photo (Goniopora.fruticosa1.jpg = gonfruit17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Goniopora.fruticosa1a.jpg = Alveopora superficialis1.jpg = Alvsuperf7.jpg, 20 April 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Goniopora somaliensis Vaughan, 1907. TSN 53219. TSN 53234. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkeland, *et al.*¹ and Mundy¹⁰ at Fagasa.

Porites sp. Link, 1807. TSN 53178. Status: present in park at all islands / abundant / resident / native. Abundant and huge *Porities* mound spp. Are locally dominant.

Voucher photo (P1010128.jpg = Porites7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Massive Porites mounds, Ofu Lagoon.jpg = Poritesmass7.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Voucher photo (jm55a7.jpg, 1995, Ofu Lagoon corridor 4.) and identifications by Jim Maragos.

Recorded on more than half of Maragos' Ofu Lagoon plots.⁹

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Porites annae Crossland, 1952. TSN 53202. Nodule Coral. Status: present in park at Ofu / uncommon / resident / native.

Voucher photo (P1010070.jpg = Poranna7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Observed in Ofu Lagoon Pool A by Craig.⁴

Recorded at Ofu October 2002 by Coles.³

Porites australiensis Vaughan, 1918. TSN 53196. Status: present in park at Ofu, Olosega / common / resident / native. Common in Ofu Lagoon.

Voucher photo (jm88a7.jpg, Ofu Reef corridor 6, 1995.) and identification by Jim Maragos.

Voucher photo (jm88b.jpg, Ofu Reef corridor 6, 1995., Ofu) and identification by Jim Maragos.

Recorded on 9.5% of Maragos' Ofu Lagoon plots,⁹ and 1 of 11 of his Ofu/Olosega 1991-2 sites,⁸ and at Ofu October 2002 by Coles.³

Porites cylindrica Dana, 1846. TSN 53190. Status: present in park at Ofu, Olosega and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon.

Voucher photo (P1010029.jpg = Porcylil.jpg, 14 June 2002 at Fagatuitui Cove, Tutuila) by Eva DiDonato; identified by Charles Birkeland.

Recorded on 17% of Maragos' Ofu Lagoon plots,⁹ and 2 of 11 of his Ofu/Olosega 1991-2 sites.⁸

The most dominant coral in Ofu Lagoon Pool B accounting for 7.5% of coral cover (Craig⁴).

Recorded at Ofu October 2002 by Coles.³

Recorded on at Fagasa (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ and at Fagasa by Birkeland, *et al.*

Porites horizontalata Hoffmeister, 1925. TSN 572397. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al* at Fagasa.¹

Porites lichen Dana, 1846. TSN 53201. Lichen Coral. Status: present in park at Ofu, Olosega and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A and B by Craig,⁴ and recorded on 3 of 8 Ofu stations by Hunter.⁷ It was the most dominant coral in Ofu Lagoon Pool A accounting for 4.6% of coral cover.

Recorded at one of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹ and at Vatia in 1996 by Mundy.¹⁰

Porites lobata Dana, 1846. TSN 53194. Lobe Coral Status: present in park at all islands / abundant / resident / native. Abundant in Ofu Lagoon where it was often dominant with *Porites lutea* and *Porites australiensis*, frequently forming micro-atolls.

Voucher photo (Plobata.jpg = Porloba7.jpg, 11 December 2003 at Agapie East, Tutuila) by Daniel Barshis; identified by Charles Birkeland.

Voucher photo (P1010168.jpg = lbttau1687.jpg, Ta'u, 30 November 2004) by Larry Basch; identified by Charles Birkeland.

Voucher photo (P1010157 = lbttau1577.jpg, Ta'u, 30 November 2004) by Larry Basch; identified by Charles Birkeland.

Voucher photo (jm2b7.jpg, Ofu Reef corridor 1, March 1995.) and identification by Jim Maragos. Recorded on 12.1% of Maragos' Ofu Lagoon plots,⁹ on 8 of 11 of his Ofu/Olosega 1991-2 sites,⁸ and at Ofu October 2002 by Coles.³
Recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland.⁶

Porites lutea Milne-Edwards and Haime, 1860. TSN 53192. Mound Coral. Status: present in park at Ofu, Olosega and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon where it was very often dominant with *Porites lobata* and *Porites australiensis*, frequently forming micro-atolls.

Voucher photo (Porites.lutea.jpg = porlutea7.jpg, between 2002 and 2004, in the park, by Daniel Barshis; identified by Charles Birkeland.

Voucher photo (jm59b7.jpg, 1995, Ofu Lagoon corridor 4.) and identification by Jim Maragos.

Voucher photo (jm37b7.jpg, 1995, Ofu Lagoon corridor 3.) and identification by Jim Maragos.

Voucher photo (jm82a7.jpg, 1995, Ofu Lagoon corridor 6.) and identification by Jim Maragos.

Recorded on 33.8% of Maragos' Ofu Lagoon plots,⁹ and 3 of 11 of his Ofu/Olosega 1991-2 sites,⁸ on Fagasa transects in March 2002 by Fisk and Birkeland.⁶ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al*,¹ and at Fagasa in 1996 by Mundy.¹⁰

Porites monticulosa Dana, 1846. TSN none. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkeland, *et al* at Fagasa.¹

Porites murrayensis Vaughan, 1918. TSN 53195. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on 4 of 8 Ofu stations as *P. cf. murrayensis* by Hunter,⁷ at Fagasa by Birkeland, *et al*,¹ and at one of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Porites nigrescens Dana, 1846. TSN 53200. Status: present in park at Ofu / common / resident / native. Common in Ofu Lagoon where it was recorded on 1.9% of Maragos' extensive plots.

There are no voucher photos for this species; it is included based upon its listed presence (on 1.9% of the plots) on the Ofu Reef transects run by Maragos in 1995,⁹ and at Fagasa in 1996 by Mundy.¹⁰

Porites rus (Forskål, 1775). TSN 53188. Plate-and-Pillar Coral Status: present in park at Ofu, Olosega and Tutuila / common / breeder / native. Common on the Olosega transects by Fisk and Birkeland where it occurred in a wide range of size classes including the smallest, indicating it is a breeder. Uncommon in Ofu Lagoon.

Voucher photo (P1010104.jpg = PorrusL.jpg, 14 June 2002 at Fagatuitui Cove) by Eva DiDonato; identified by Charles Birkeland.

Recorded on Olosega and Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ and at Fagasa by Birkeland, *et al*.¹

Recorded on one of Maragos' Ofu Lagoon plots,⁹ on 3 of 11 of his Ofu/Olosega 1991-2 sites,⁸ at Ofu October 2002 by Coles,³ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Porites solida (Forskål, 1775). TSN 53193. Solid Coral. Status: present in park Ofu, Olosega and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon.

Voucher photo (Porites.solida.jpg = porsolid7.jpg, between 2002 and 2004, in the park, by Daniel Barshis; identified by Charles Birkeland.

Recorded on Olosega and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ and on 27.9% of Maragos' Ofu Lagoon plots.⁹

Porites superfusa Gardiner, 1898. TSN none. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles.³

Porites vaughani Crossland, 1952. TSN 53203. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Stylarea punctata (Linneaus, 1758). TSN none. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence at Ofu October 2002 by Coles.³

Family: Agariciidae Gray, 1847

Gardineroseris planulata (Dana, 1846). TSN 53082. Honeycomb Coral. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (P1010179.jpg = Garplan7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.
Recorded at one of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Leptoseris incrustans (Quelch, 1886). TSN 572262. Swelling Coral. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Leptoseris mycetoseroides Wells, 1954. TSN 53043. Ridge Coral. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig.⁴
Recorded at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹
Recorded on Fagasa (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Leptoseris yabei (Pillai and Scheer, 1976). TSN 53004. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Pachyseris speciosa (Dana, 1846). TSN 53087. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Mundy at Fagasa.¹⁰

Pavona cactus (Forskål, 1775). TSN 53067. Potato Chip Coral. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its listed presence in Pool B, page 188 of the Craig, *et al* 2001 study.⁴

Pavona clavus (Dana, 1846). TSN 53070. Status: present in park at Ofu, Olosega / uncommon / resident / native. Uncommon in Ofu Lagoon.

There are no voucher photos for this species; it is included based upon its listed presence (on one of the plots) on the Ofu Reef transects run by Maragos in 1995,⁹ on 5 of 11 of his Ofu/Olosega 1991-2 sites,⁸ and on 1 of 8 Ofu stations by Hunter.⁷

Pavona decussata (Dana, 1846). TSN 53068. Status: present in park at Ofu / common / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pools A & B by Craig,⁴
Recorded at Ofu October 2002 by Coles.³

Pavona diffluens Lamarck, 1816. TSN 53079. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, et al at Fagasa¹

Pavona divaricata Lamarck, 1816. TSN 53078. Status: present in park at Ofu / common / resident / native. Common in Ofu Lagoon.

Voucher photo (jm29a7.jpg, March 1995, Ofu Lagoon corridor 2.) and identifications by Jim Maragos.
Recorded on 6.6% of Maragos' Ofu Lagoon plots.⁹
Observed in Ofu Lagoon Pools A & B by Craig.⁴
Recorded on 2 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at Vatia in 1996 by Mundy.¹⁰

Pavona explanulata (Lamarck, 1816). TSN. 53069. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Pavona.explanulata1.jpg = pavexplan17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.
Voucher photo (Pavona.explanulata1a.jpg = pavexplan1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.
Recorded at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ at Fagasa by Birkland, et al,¹ and at Fagasa in 1996 by Mundy.¹⁰

Pavona frondifera Lamarck, 1816. TSN 53076. Status: present in park / uncommon / resident / native.

Voucher photo (Pavona.frondifera1.jpg = Pavona.venosa.jpg = PavvenoL.jpg, 11 July 2002, in the park, by Eva DiDonato; identified by Douglas Fenner.
Voucher photo (Pavona.frondifera2.jpg = pavfrond27.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.
Voucher photo (Pavona.divaricata.jpg = Pavona.frondifera3.jpg = Pavdivarica7.jp, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Pavona maldivensis (Gardiner, 1905). TSN 53074. Maldive Coral. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its records on two Olosega transects in March 2002 by Fisk and Birkland,⁶ recorded at 4 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Fagasa in 1996 by Mundy.¹⁰

Pavona minuta Wells, 1954. TSN 53071. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig,⁴ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Pavona varians Verrill, 1864. TSN 53072. Corrugated Coral. Status: present in park at Ofu, Olosega and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon. It was widespread, occurring on 15 of 16 DiDonato transects on Ofu, Olosega, and Vatia.

Voucher photo (Pavona.varians1.jpg = pavvarian17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Pavona.varians5.jpg = Pavvarian7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Pavona.varians3.jpg = Lepincrust7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Pavona.varians4.jpg = pavvarian47.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Pavona.varians2.jpg = Pavvarians27.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland (dupe of prev image xup).

Recorded on Ofu, Olosega, and Fagasa and Vatia (Tutuila) transects March 2002 by Fisk and Birkeland.⁶

Recorded on 9.9% of Maragos' Ofu Lagoon plots,⁹ and 10 of 11 of his Ofu/Olosega 1991-2 sites.⁸ Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 3 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al*,¹ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Pavona venosa (Ehrenberg, 1834). TSN 53073. Status: present in park at Ofu and Tutuila / common / resident / native. Common in Ofu Lagoon.

Voucher photo (jm65a7.jpg, 1995 Ofu Lagoon corridor 4.) and identification by Jim Maragos.

Recorded on at Fagasa (Tutuila) two Ofu transects in March 2002 by Fisk and Birkeland.⁶

Recorded on 2.1% of Maragos' Ofu Lagoon plots.⁸

A locally dominant coral in Ofu Lagoon accounting for 2.4% of coral cover in Pool A and 0.8% in Pool B (Craig⁴).

Recorded on 3 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at Fagasa and Vatia in 1996 by Mundy,¹⁰ and at Fagasa by Birkeland, *et al*,¹

Family: *Siderastreidae* Vaughan and Wells, 1943

Coscinaraea columna (Dana, 1846). TSN 53097. Status: present in park at Ofu and Tutuila / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (Copy of Blotch2.jpg = CoscoluL.jpg, between 2002 and 2004, at Agapie East, Tutuila) by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Olosega and one Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Recorded on one of Maragos' Ofu Lagoon plots,⁹ and 5 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Pool B by Craig.⁴

Recorded on 2 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al*,¹ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Psammocora contigua (Esper, 1797). TSN 52850. Status: present in park at Ofu / common / resident / native. Common in Ofu Lagoon.

There are no voucher specimens for this species; it is included based upon its presence in Pools A and B by Craig,⁴ recorded on 7.1% of Maragos' Ofu Lagoon plots,⁹ at one of 11 of his Ofu/Olosega 1991-2 sites,⁸ and at Ofu October 2002 by Coles.³

Psammocora digitata Milne-Edwards and Haime, 1851 TSN 52854. Status: present in park at Ofu Lagoon / uncommon / resident / native.

Voucher photo (P1010152.jpg = psadigit7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.

Psammocora haimeana Milne-Edwards and Haime, 1851. TSN 52855. Haime's Lump Coral. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Ofu, Olosega, Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland,⁶ and at Fagasa in 1996 by Mundy.¹⁰ Recorded at one of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Ofu October 2002 by Coles.³

Psammocora profundacella Gardiner, 1898. TSN 52856. Status: present in park at Ofu Olosega and Tutuila / uncommon / resident / native. Uncommon in Ofu Lagoon.

There are no voucher photos for this species; it is included based upon its listed presence (on less than 1% of the plots) on the Ofu Reef transects run by Maragos in 1995,⁹ on 2 of 11 of his Ofu/Olosega 1991-2 sites.⁸ and recorded at Olosega transects in March 2002 by Fisk and Birkeland.⁶

Recorded at Fagasa and Vatia in 1996 by Mundy.¹⁰

Psammocora superficialis Gardiner, 1898. TSN 52852. Superficial Coral. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and at Fagasa in 1996 by Mundy.¹⁰

Family: *Fungiidae* Dana, 1846 . Mushroom corals. Free-living or unattached corals, usually found below depths of strong wave action.

Ctenactis echinata (Pallas, 1766). TSN 53130. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994,⁸ (as *Fungia echinata*, (TSN 53130); Fenner believes this is now correctly called *Ctenactis echinata*).

Cycloseris patelliformis (Boschma, 1923). TSN 53139. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at four of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Fungia concinna Verrill, 1864. TSN 53124. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Fungia danai Milne-Edwards and Haime, 1851. TSN 53117. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Fungia fungites (Linnaeus, 1758). TSN 53116. Mushroom Coral. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (Fungia.fungites.jpg = Funhorrl.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Fungia fungites 2.jpg, 4 March 2002 at Ofu between airport and harbor) by Larry Basch; identified by Charles Birkeland.

Recorded on one of Maragos' Ofu Lagoon plots,⁹ and 4 of 11 of his Ofu/Olosega 1991-2 sites.⁸ Observed in Ofu Lagoon Pools A and B by Craig,⁴ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Recorded on 2 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles.³

Fungia horrida Dana, 1846. TSN 53120. Status: present in park at Ofu Lagoon / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Recorded separately as *F. valida* at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸ Fenner advises that *F. valida* is now recognized as a synonym of *F. horrida*.

Fungia paumotensis Stutchbury, 1833. TSN 53128. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Fungia repanda Dana, 1846. TSN 53123. Status: present in park at Ofu Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at four of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Fungia scutaria Lamarck, 1801. TSN 53127. Oval Mushroom Coral. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig.⁴

Recorded on 1 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles.³

Halomitra pileus (Linnaeus, 1758). TSN 53158. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Herpolitha limax (Esper, 1797). TSN 53153. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at four of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Sandalolitha robusta (Quelch, 1886). TSN 53160. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Family: *Oculinidae* Gray, 1847

Galaxea astreata (Lamarck, 1816). TSN 53408. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher photos for this species; it is recorded at one of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and on Olosega transects in March 2002 by Fisk and Birkeland.⁶

Galaxea fascicularis (Linnaeus, 1767). TSN 53409. Status: present in park at Ofu, Olosega and Tutuila / common / breeder / native. Common and widespread on Fisk/Birkeland's Olosega and Ofu transects. They recorded it at Vatia. At Olosega it

occurred in a wide range of size classes including the smallest indicating that it is a breeder. Uncommon in Ofu.

Voucher photo (P1010159.jpg = Galfasc7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Galaxea fascicularis.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on Ofu, Olosega, and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Recorded on one of Maragos' Ofu Lagoon plots,⁹ and 9 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 6 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al.*,¹ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Family: *Pectiniidae* Vaughan and Wells, 1943

Echinophyllia aspera (Ellis and Solander, 1786). TSN 53458. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at four of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and at Fagasa by Birkeland, *et al.*¹

Mycedium elephantotus (Pallas, 1766). TSN 53466. Status: present in park at Ofu / uncommon / resident / native.

Voucher photo (P1010069 = Mycelephant7.jpg, 18 April 2004 at Ofu) by Peter Craig; identified by Charles Birkeland.

Voucher photo (Mycedium elephantotus = mycelephlb7.jpg, 4 March 2002 at Ofu Lagoon) by Larry Basch; identified by Charles Birkeland.

Recorded on 1 of 8 Ofu stations by Hunter,⁷ and at 4 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Oxypora lacera (Verrill, 1864). TSN 53463. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on one Olosega transect in March 2002 by Fisk and Birkeland,⁶ and at 6 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Fagasa by Birkeland, *et al.*¹

Family: *Mussidae* Ortmann, 1890

Acanthastrea echinata (Dana, 1846). TSN 53502. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Acanthastrea.echinata.jpg = Acaechina7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded at 3 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and on Vatia transects in March 2002 by Fisk and Birkeland.⁶

Lobophyllia corymbosa (Forskål, 1775). TSN 53508. Status: present in park at Ofu Lagoon / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig,⁴ and on one Ofu and one Olosega transects in March 2002 by Fisk and Birkeland.⁶

Lobophyllia hemprichii (Ehrenberg, 1834). TSN 53507. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (Lobophyllia hemprichii1.jpg = lobhemp17.jpg, between 2002 and 2004, in the park, by Eva DiDonato. Identified by Douglas Fenner.

Voucher photo (Lobophyllia.hemprichii2.jpg = LobhempL.jpg, between 2002 and 2004, in the park, by Eva DiDonato. Identified by Charles Birkeland.

Recorded on less than 1% of Maragos' Ofu Lagoon plots,⁹ and 4 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Ofu Lagoon Pool A by Craig.⁴

Recorded on 3 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles.³

Recorded on Olosega transects in March 2002 by Fisk and Birkeland,⁶ and on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Symphyllia recta (Dana, 1846). TSN 53516. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig,⁴ on one Vatia (Tutuila) transect in March 2002 by Fisk and Birkeland,⁶ and at one of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Family: *Faviidae* Gregory, 1900

Cyphastrea chalcidicum (Forskål, 1775). TSN 53345. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994,⁸ and at Ofu October 2002 by Coles.³

Cyphastrea microphthalma (Lamarck, 1816). TSN 53346. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pools A and B by Craig.⁴

Recorded on 3 of 8 Ofu stations, listed as *C. cf. microphthalma* by Hunter.⁷

Recorded at Ofu October 2002 by Coles.³

Cyphastrea serailia (Forskål, 1775). TSN 53344. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on 4 of 8 Ofu stations by Hunter,⁷ at one of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ at Ofu October 2002 by Coles,³ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Diploastrea heliopora (Lamarck, 1816). TSN 53335. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (Diploastrea.heliopora.jpg = DiplheliL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on 1 of 8 Ofu stations by Hunter,⁷ and at one of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Echinopora sp. Lamarck, 1816. TSN 53348. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Observed in Ofu Lagoon Pool A by Craig.⁴

Echinopora gemmacea (Lamarck, 1816). TSN 53350. Status: present in park / uncommon / resident / native.

Voucher photo (Echinopora.gemmacea1.jpg = Echgemm17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Echinopora.gemmacea1a.jpg = Echgemm1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Recorded at Ofu October 2002 by Coles.³

Echinopora hirsutissima Milne-Edwards and Haime, 1849. TSN 53351. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Echinopora.hirsutissima.jpg = Echgemma7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Recorded on one Olosega transect in March 2002 by Fisk and Birkeland,⁶ at Fagasa by Birkeland, *et al.*¹ and at Vatia in 1996 by Mundy.¹⁰

Echinopora lamellosa (Esper, 1795). TSN 53349. Spiny Plate Coral. Status: present in park at Ofu, Olosega / common / resident / native. Common in Ofu Lagoon.

Voucher photo (P1010011.jpg = Echlame7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Recorded on 2.6% of Maragos' Ofu Lagoon plots,⁹ and 3 of 11 of his Ofu/Olosega 1991-2 sites.⁸ Recorded on Fagasa (Tutuila) transects by Birkeland, *et al.*¹

Favia favaus (Forskål, 1775). TSN 53271. Status: present in park at Ofu Lagoon and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig,⁴ on two Vatia (Tutuila) transects on in March 2002 Fisk and Birkeland,⁶ and at Fagasa by Birkeland, *et al.*¹

Favia helianthoides Wells, 1954. TSN 53277. Status: present in park at Ofu Lagoon / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pool A by Craig.⁴

Favia laxa (Klunzinger, 1879). TSN 53272. Status: present in park at Ofu / common / resident / native.

There are no voucher photos for this species; it is recorded on two Ofu transects in March 2002 by Fisk and Birkeland.⁶

Favia matthaii Vaughan, 1918. TSN 53270. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Common in Ofu Lagoon.

Voucher photo (Favia.matthaii1.jpg = Favmatth17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favia.matthaii2.jpg = Favmattha7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favia.matthaii3.jpg = MonannuL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favia cf matthai.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland.⁶

Recorded on 8.3% of Maragos' Ofu Lagoon plots,⁹ and 2 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Ofu Lagoon Pools A and B by Craig,⁴ at Ofu October 2002 by Coles,³ and at Fagasa in 1996 by Mundy.¹⁰

Favia pallida (Dana, 1846). TSN 53265. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Favia.pallida.jpg = FavpalliL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favia pallida 2.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on one Ofu transect in March 2002 by Fisk and Birkeland.⁶

Observed in Ofu Lagoon Pools A & B by Craig.⁴

Recorded at 4 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹

Favia rotumana (Gardiner, 1899). TSN 53273. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkeland, et al at Fagasa.¹

Favia speciosa (Dana, 1846). TSN 53264. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its presence in Pool A by Craig,⁴ and on two Ofu transects in March 2002 by Fisk and Birkeland.⁶
Recorded at 4 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Ofu October 2002 by Coles.³

Favia stelligera (Dana, 1846). TSN 53266. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native. Common in Ofu Lagoon.

Voucher photo (Favia.stelligera1.jpg = Favstell7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favia.stelligera1a.jpg = favstell1a7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (P1010025.jpg = Favhelian7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (Favia.stelligera3.jpg = Montastrea.curta.jpg = MoncurtL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland.⁶

Recorded on 1.9% of Maragos' Ofu Lagoon plots,⁹ and 8 of 11 of his Ofu/Olosega 1991-2 sites.⁸
Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 1 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, et al,¹ and at Vatia in 1996 by Mundy.¹⁰

Favites abdita (Ellis and Solander, 1786). TSN 53300. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (Favites.abdita1.jpg = Favabdit17.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favites.abdita2.jpg = FavabdiL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland.⁶

Observed in Ofu Lagoon Pools A & B by Craig.⁴

Recorded at one of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Ofu October 2002 by Coles.³

Favites chinensis (Verrill, 1866). TSN 53308. Status: present in park at Ofu Lagoon / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (P1010019.jpg = Favchin7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Recorded on one of Maragos' Ofu Lagoon plots.⁹

Favites complanata (Ehrenberg, 1834). TSN 53304. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

Voucher photo (P1010026.jpg = Favfavus7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favites.complanata2.jpg = Favcomp7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (P1010046.jpg = Favspec7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Observed in Ofu Lagoon Pools A & B by Craig,⁴ and at Fagasa by Birkeland, et al.¹

Favites flexuosa (Dana, 1846). TSN 53302. Status: present in park at Ofu and Tutuila / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (jm18b7.jpg, 1995, Ofu Lagoon corridor 2.) and identification by Jim Maragos.

Recorded on one of Maragos' Ofu Lagoon plots,⁹ and 8 of 11 of his Ofu/Olosega 1991-2 sites.⁸
Observed in Ofu Lagoon Pool A by Craig.⁴
Recorded on Ofu transects in March 2002 by Fisk and Birkeland,⁶ and at Fagasa by Birkeland, *et al.*¹

Favites halicora (Ehrenberg, 1834). TSN 53301. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Favites.halicora.jpg = Favhali7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Favites halicora.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on Ofu transects in March 2002 by Fisk and Birkeland,⁶ at 7 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ at Fagasa by Birkeland, *et al.*¹ and at Vatia in 1996 by Mundy.¹⁰
Observed in Ofu Lagoon Pool A by Craig.⁴

Favites russelli (Wells, 1954). TSN 53306. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Favites russelli.jpg = Favrussell7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Ofu transect on in March 2002 by Fisk and Birkeland,⁶ and at 4 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Observed in Ofu Lagoon Pool A by Craig,⁴ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Goniastrea sp. Milne-Edwards and Haime, 1848. TSN 53309. *Goniastrea* sp. or *Platygyra* Ehrenberg, 1834. TSN 53317. *Platygyra* sp. Status: present in park / uncommon / resident / native.

Voucher photo (GoniastreaORPlatygyrasp.jpg = Gonedwar7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Goniastrea aspera (Verrill, 1865). TSN 53312. Status: present in park at Ofu / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on two Ofu transects in March 2002 by Fisk and Birkeland.⁶

Goniastrea edwardsi Chevalier, 1971. TSN 53311. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher specimens for this species; it is included based upon its presence in Pools A and B by Craig,⁴ and on one Ofu transect on in March 2002 by Fisk and Birkeland.⁶

Recorded at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ a at Ofu October 2002 by Coles,³ and at Vatia in 1996 by Mundy.¹⁰

Goniastrea favulus (Dana, 1846). TSN 53313. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (Goniastrea favulus.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland,⁶ and in Ofu Lagoon Pool A by Craig.⁴

Goniastrea minuta Veron, 2000. TSN none. Status: present in park at Ofu Lagoon / uncommon / resident / native.

Voucher photo (P1010036.jpg = Gonminut7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.

Goniastrea pectinata (Ehrenberg, 1834). TSN 53314. Status: present in park at Ofu, Olosega / uncommon / resident / native. Uncommon in Ofu Lagoon. Recorded on the majority of DiDonato's Olosega and Ofu transects.

There are no voucher photos for this species; it is included based upon its presence in Ofu Lagoon Pools A & B by Craig,⁴ on Ofu and Olosega transects in March 2002 by Fisk and Birkeland,⁶ and recorded on less than 1% of Maragos' Ofu Lagoon plots,⁹ and 9 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Recorded on 3 of 8 Ofu stations by Hunter,⁷ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Goniastrea retiformis (Lamarck, 1816). TSN 53310. Status: present in park at Ofu, Olosega and Tutuila / abundant / breeder / native. Abundant in Ofu Lagoon. It was recorded on 90% of Fisk/Birkeland's transects on Ofu and Olosega and one of the Vatia transects. Several size classes, including many individuals of small size, were on DiDonato's transects indicating that this species breeds in the park.

Voucher photo (P1010030.jpg = GonretiL.jpg, 14 June 2002 at Fagatuitui Cove) by Eva DiDonato; identified by Charles Birkeland.

Recorded on Ofu, Olosega and Vatia and Fagasa (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Recorded on 20% of Maragos' Ofu Lagoon plots,⁹ and 10 of 11 of his Ofu/Olosega 1991-2 sites.⁸ Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 7 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹

Leptastrea bewickensis Veron, Pichon and Wijsman-Best, 1977. TSN 53341. Bewick Coral. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on two Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Leptastrea purpurea (Dana, 1846). TSN 53338. Crust or Mosaic Coral. Status: present in park at Ofu, Olosega and Tutuila / abundant / resident / native. Abundant in Ofu Lagoon. It was also found on 4 of 6 transects at Vatia by DiDonato.

Voucher photo (Leptastrea.purpurea.jpg = Leppurpu7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on Ofu, Olosega, and Fagasa and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Recorded on 12.3% of Maragos' Ofu Lagoon plots,⁹ on 6 of 11 of his Ofu/Olosega 1991-2 sites,⁸ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al.*¹ and at Fagasa and Vatia in 1996 by Mundy.¹⁰

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Leptastrea transversa Klunzinger, 1879. TSN 53339. Transverse Coral. Status: present in park at Ofu, Olosega and Tutuila / common / resident / native.

Voucher photo (Leptastrea.transversa.jpg = Leptransv7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Vatia (Tutuila) transect on in March 2002 by Fisk and Birkeland,⁶ at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Fagasa by Birkeland, *et al.*¹

Birkland, *et al* recorded *Leptastrea immersa* at Fagasa,¹ but Fenner now considers *L. immersa* as a synonym of *L. transversa*.

Leptoria phrygia (Ellis and Solander, 1786). TSN 53326. Status: present in park at Ofu, Olosega and Tutuila / common / breeder / native. Uncommon in Ofu Lagoon, but had a high rate of coral cover in Craig's Pool A. Found in most of DiDonato's Ofu and Olosega transects in a range of size classes indicating that it is a breeder.

Voucher photo (Leptoria.phrygia2.jpg = LepphryL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (Leptoria.phrygia1.jpg = Leptphr1L.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland.⁶

Recorded on less than 1% of Maragos' Ofu Lagoon plots,⁹ but on all of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Ofu Lagoon Pools B and A where it was a dominant coral accounting for 2.1% of coral cover (Craig⁴).

Recorded on all of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al*,¹ and at Vatia in 1996 by Mundy.¹⁰

Montastraea annuligera (Edwards and Haime, 1849). TSN none. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, *et al*,¹ and Mundy¹⁰ at Fagasa.

Montastraea curta (Dana, 1846). TSN 53257. Status: present in park at Ofu, Olosega and Tutuila / common / breeder / native. Common in Ofu Lagoon. Widespread, recorded on 12 of 16 transects by DiDonato. Numerous small individuals and a range of size classes indicate that it breeds at Ofu.

Voucher photo (P1010182.jpg = Montacurt

a7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Recorded on Ofu, Olosega, and Vatia (Tutuila) transects in March 2002 by Fisk and Birkeland.⁶

Recorded on 1.2% of Maragos' Ofu Lagoon plots,⁹ on 9 of 11 of his Ofu/Olosega 1991-2 sites,⁸ at Ofu October 2002 by Coles,³ at Fagasa by Birkeland, *et al*,¹ and at Vatia in 1996 by Mundy.¹⁰

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Montastraea valenciennesi (Milne-Edwards and Haime, 1848). TSN 53260. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland.⁶

Oulophyllia sp. Milne-Edwards and Haime, 1848. TSN. 53327. Status: present in park at Ofu, Olosega / uncommon / resident / native. Uncommon in Ofu Lagoon.

There are no voucher photos for this genus; it is included based upon its presence in Ofu Lagoon Pools A & B by Craig,⁴ and recorded on less than 1% of Maragos' Ofu Lagoon plots.⁹

Oulophyllia crispa (Lamarck, 1816). TSN 53328. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at five of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Platygyra contorta Veron, 1990. TSN 572363. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (P1010015.jpg = Placont7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Platygyra daedalea (Ellis and Solander, 1786). TSN 53318. Status: present in park at Ofu, Olosega / common / resident / native. Common in Ofu Lagoon. Recorded on the majority of Ofu and Olosega transects by DiDonato.

Voucher photo (Platygyra.daedalea1.jpg = PladaedL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland

Voucher photo (P1010140.jpg = Oulcris7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner

Voucher photo (Platygyra daedalea.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on Ofu and Olosega transects in March 2002 by Fisk and Birkeland.⁶
Recorded on 1.7% of Maragos' Ofu Lagoon plots,⁸ and 8 of 11 of his Ofu/Olosega 1991-2 sites.⁸
Observed in Ofu Lagoon Pools A and B by Craig.⁴
Recorded on 3 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, et al.¹

Platygyra pini Chevalier, 1975. TSN 53321. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (P1010186.jpg = Plapini7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.
Voucher photo (Platygyra pini 2.jpg, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.
Observed in Ofu Lagoon Pools A and B by Craig.⁴
Recorded at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Ofu October 2002 by Coles.³

Platygyra sinensis (Milne-Edwards and Haime, 1849). TSN 53320. Status: present in park at Ofu, Olosega / common / resident / native. Common in Ofu Lagoon.

Voucher photo (Platygyra.sinensis.jpg = Plasine7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.
Recorded on 1% of Maragos' Ofu Lagoon plots,⁹ and 3 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Family: *Caryophylliidae* Dana, 1846. TSN 571698.

Plerogyra sinuosa (Dana, 1846). TSN 53645. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Family: *Merulinidae* Verrill, 1866. TSN 53433.

Hydnophora exesa (Pallas, 1766). TSN 53444. Status: present in park at Ofu, Olosega and Tutuila / uncommon / resident / native.

Voucher photo (Hydnophora.exesa1.jpg = Hydpilo7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.
Voucher photo (P1010082.jpg = Turpelta7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.
Observed in Ofu Lagoon Pools A and B by Craig.⁴
Recorded on 4 of 8 Ofu stations by Hunter,⁷ at 3 of 11 Ofu/Olosega 1991-2 sites by Maragos,⁸ and at Vatia in 1996 by Mundy.¹⁰

Hydnophora microconos (Lamarck, 1816). TSN 53445. Status: present in park at Ofu and Tutuila / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (P1010037.jpg = Hydmicr7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.
Recorded on one Ofu transect in March 2002 by Fisk and Birkeland.⁶
Recorded on less than 1% of Maragos' Ofu Lagoon plots.⁹
Observed in Ofu Lagoon Pools A & B by Craig.⁴
Recorded on 1 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, et al.¹

Hydnophora rigida (Dana, 1846). TSN 53442. Status: present in park at Ofu Lagoon / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (jm24b7.jpg, March 1995, Ofu Lagoon corridor 2.) and identification by Jim Maragos.

Recorded on one of Maragos' Ofu Lagoon plots.⁹

Merulina Ehrenberg, 1834. TSN 53434. Status: present in park at Ofu, Olosega / uncommon / resident / native. Uncommon in Ofu Lagoon.

Recorded on one of Maragos' Ofu Lagoon plots.⁹

Merulina ampliata (Ellis and Solander, 1786). TSN 53435. Status: present in park at Ofu, Olosega / uncommon / resident / native.

Voucher photo (Merulina.ampliata.jpg = Merampli7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded at 2 of 11 Ofu/Olosega 1991-2 sites by Maragos.⁸

Merulina scabricula Dana, 1846. TSN 53436. Status: present in park / uncommon / resident / native.

Voucher photo (Merulina.scabricula.jpg = Merscabric7.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Scapophyllia cylindrica (Milne-Edwards and Haime, 1848). TSN 53440. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Family: *Dendrophylliidae* Gray, 1847. TSN 53772.

Turbinaria mesenterina (Lamarck, 1816). TSN 53818. Status: present in park at Ofu Lagoon / uncommon / resident / native.

Voucher photo (P1010079.jpg = Turmese7.jpg, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Turbinaria reniformis Bernard, 1896. TSN 53819. Status: present in park at Ofu, Olosega / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (Turbinaria.reniformis.jpg = TurreniL.jpg, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Recorded on one Ofu transect in March 2002 by Fisk and Birkeland,⁶ and at Fagasa by Birkeland, *et al.*¹

Recorded on one of Maragos' Ofu Lagoon plots,⁹ and 4 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Ofu Lagoon Pools A & B by Craig.⁴

Recorded on 2 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles.³

Turbinaria stellulata (Lamarck, 1816). TSN 53820. Status: present in park at Ofu, Olosega / uncommon / resident / native. Uncommon in Ofu Lagoon.

Voucher photo (jm91a7.jpg, Ofu Lagoon corridor 7.) and identification by Jim Maragos.

Recorded on one of Maragos' Ofu Lagoon plots,⁹ and 3 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Turbinaria veluta Bernard. TSN none. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at two of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Order: *Helioporacea*. TSN 52074.

Family: *Helioporidae* Moseley, 1876. TSN 52075. Blue Coral.

Heliopora coerulea (Pallas, 1766). TSN 52077. Blue Coral. Status: present at Ofu / common / resident / native. Locally common on upper reef flats at Ofu.

Voucher photo (*Heliopora.coerulea.jpg* = *HelcoerL.jpg*, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland.

Voucher photo (*helcoerl7c.jpg*) at Ofu Lagoon and identification by Doug Cuillard. Recorded on 5.7% of Maragos' Ofu Lagoon plots,⁹ and 2 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 2 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles.³

Order: *Capitata* Kühn, 1913. TSN 613022 Stinging or fire corals.

Family: *Milleporidae* Fleming, 1828. TSN 50875. Fire Corals.

Millepora dichotoma (Forskål, 1775). TSN 50881. Fire Coral. Status: present in park at Ofu / common / resident / native.

Voucher photo (*P1010068.jpg* = *mildichotom7.jpg*, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Charles Birkeland.

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 5 of 8 Ofu stations by Hunter,⁷ and at Ofu October 2002 by Coles,³

Millepora exaesa (Forskål, 1775). TSN 572283. Fire Coral. Status: present in park at Ofu and Tutuila / uncommon / resident / native.

Voucher photo (*Millepora.exaesa1.jpg* = *Milplat7.jpg*, between 2002 and 2004, in the park, by Eva DiDonato; identified by Douglas Fenner.

Voucher photo (*Millepora.exaesa2.jpg* = *MilexaL.jpg*, between 2002 and 2004, in the park, by Eva DiDonato; identified by Charles Birkeland

Voucher photo (*Millipora cf exaesa.jpg*, 3 March 2002 at Ofu Lagoon by Larry Basch; identified by Charles Birkeland.

Recorded on one Ofu transect in March 2002 by Fisk and Birkeland,⁶ and at Vatia in 1996 by Mundy.¹⁰

Millepora murrayi Quelch, 1884. TSN 50887. Fire Coral. Status: present in park at Ofu Lagoon / uncommon / resident / native.

Voucher photo (*P1010083* = *Mildich7.jpg*, 18-19 January 2003, at Ofu Lagoon.) by Eva DiDonato; identified by Douglas Fenner.

Millepora platyphylla Hemprich and Ehrenberg, 1834. TSN 50882. Fire Coral.

Status: present in park at Ofu and Tutuila / common / resident / native. Common in Ofu Lagoon.

Voucher photo (*m13b7.jpg*, March 1995, Ofu Lagoon corridor 1.) and identification by Jim Maragos.

Voucher photo (*jm83a7.jpg*, 1995, Ofu Lagoon corridor 6.) and identification by Jim Maragos.

Recorded on 1.7% of Maragos' Ofu Lagoon plots,⁹ and 4 of 11 of his Ofu/Olosega 1991-2 sites.⁸

Observed in Ofu Lagoon Pools A and B by Craig.⁴

Recorded on 4 of 8 Ofu stations by Hunter,⁷ at Ofu October 2002 by Coles,³ and at Fagasa by Birkeland, *et al.*¹

Millepora tenella (Ortmann, 1892). TSN 50884. Fire Coral. Status: present in park at Ofu / uncommon / resident / native. Uncommon in Ofu Lagoon.

There are no voucher photos for this species; it is included based upon its listed presence (on less than 1% of the plots) on the Ofu Reef transects run by Maragos in 1995,⁹

Family: *Stylasteridae* Gray, 1847. TSN 50889.

Distichopora gracilis Dana, 1846. TSN 572080. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, et al at Fagasa.¹

Stylaster elegans Verrill. TSN none. Status: present in park at Ofu, Olosega / uncommon / resident / native.

There are no voucher specimens for this species; it was recorded at one of 11 Ofu/Olosega sites by Maragos, 1994.⁸

Stylaster gracilis Milne-Edwards and Haime, 1850. TSN 50963. Status: present in park at Tutuila / uncommon / resident / native.

There are no voucher photos for this species; it is included based upon its record by Birkland, et al at Fagasa.¹

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LOCATIONS

Sili	Olosega	S 14° 09'.838	W 169° 37'.496
Hurricane House	Ofu	S 14° 10'.830	W 169° 39'.111
Pool A	Ofu	y coord 14.1827106	x coord 169.6594459
Pool B	Ofu	y coord 14.1788210	x coord 169.6538986
Vatia	Tutuila	S 14° 14'.775	W 170° 40'.068
Agapie East	Tutuila	S 14° 16'.000	W 170° 42'.000
Fagasa-inner east	Tutuila	S 14° 17'.014	W 170° 43'.367
Fagatuitui Cove	Tutuila	S 14° 16'.500	W 170° 43'.000
Faga	Ta'u	S 14° 12'.573	W 169° 27'.301
Lepula	Ta'u	S 14° 12'.740	W 169° 26'.692
Afuli	Ta'u	S 14° 15'.562	W 169° 30'.029
Fagamalo	Ta'u	S 14° 14'.780	W 169° 30'.342