

## Revised Checklist of Extant Shallow-Water Stony Coral Species from Hawaii (Cnidaria: Anthozoa: Scleractinia)

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The list below includes updates since the last revision for Hawaii corals (Maragos 1977). New records from Hawaii since 1977 are marked with an "a" and all reported for the first time here unless otherwise indicated. Revisions based on resurrection of old species descriptions or changes in taxonomic assignments are marked with a "b", with the older names cited in Maragos (1977) in brackets. Species probably endemic to Hawaii and nearby islands (Johnston, Line, Phoenix) are marked with a "c".

### Acroporidae

- a *Acropora cytherea* (Dana, 1846) [cited in Grigg *et al.*, 1981]
- a *Acropora humilis* (Dana, 1846) [cited in Grigg *et al.*, 1981]  
*Acropora paniculata* Verrill, 1902
- a *Acropora valida* (Dana, 1846) [cited in Grigg *et al.*, 1981]
- b,c *Montipora capitata* (Dana, 1846) [= *M. verrucosa* in Maragos, 1977]
- c *Montipora dilatata* Studer, 1901
- c *Montipora flabellata* Studer, 1901
- c *Montipora patula* Verrill, 1864
- b,c *Montipora studeri* Vaughan, 1907 [= *M. verrucosa* in Maragos, 1977]
- a *Montipora tuberculosa* (Lamarck, 1816)  
*Montipora verrilli* Vaughan, 1907

### Agariciidae

- a *Gardineroseris planulata* (Dana, 1846)  
*Leptoseris hawaiiensis* Vaughan, 1907  
*Leptoseris incrustans* (Quelch, 1886)
- a *Leptoseris mycetoseroides* Wells, 1954  
*Leptoseris papyracea* (Dana, 1846)  
*Leptoseris scabra* Vaughan, 1907
- c *Leptoseris tubulifera* Vaughan, 1907
- c *Pavona duerdeni* Vaughan, 1907  
*Pavona varians* Verrill, 1864
- b *Pavona maldivensis* (Gardiner, 1905) [= *Pavona (Pseudocolumnastraea) pollicata* Wells, 1954]

### Balanophyllidae

- Balanophyllia* sp. cf. *affinis* (Semper, 1872)
- Balanophyllia hawaiiensis* Vaughan, 1907

### Dendrophyllidae

- Tubastraea coccinea* Lesson, 1831

### Faviidae

- Cyphastrea ocellina* (Dana, 1846)
- Leptastrea bottae* (Milne-Edwards & Haime, 1850)
- Leptastrea purpurea* Dana, 1846

### Fungiidae

- b *Cycloseris tenuis* (Dana, 1846) [= *Cycloseris hexagonalis* in Maragos, 1977]  
*Cycloseris vaughani* (Boschma, 1923)
- b *Diaseris distorta* (Michelin, 1843) [= *Cycloseris fragilis* in Maragos, 1977]  
*Fungia (Pleuractis) scutaria* Lamarck, 1801

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**Pocilloporidae**

*Pocillopora damicornis* (Linnaeus, 1758)  
*Pocillopora eydouxi* Milne-Edwards & Haime, 1860

- c *Pocillopora ligulata* Dana, 1846  
*Pocillopora meandrina* Dana, 1846  
c *Pocillopora molokensis* Vaughan, 1907

**Poritidae**

- c *Porites brighami* Vaughan, 190  
c *Porites compressa* Dana, 1848  
c *Porites duerdeni* Vaughan, 1907  
c *Porites evermanni* Vaughan, 1907  
*Porites lichen* Dana, 1846  
b *Porites lobata* Dana, 1846  
c *Porites pukoensis* Vaughan, 1907  
b *Porites* (*Synaraea*) *rus* (Forskål, 1775) [= *P. (S.) convexa* Verrill, 1864, & *P.(S.) hawaiiensis* Vaughan, 1907]

**Rhizangiidae**

- a *Culicia* sp. cf. *tenella* Dana, 1846 [cited in Fitzhardinge, 1993]

**Siderastreidae**

- b *Coscinaraea wellsi* Veron & Pichon, 1979 [= *Coscinaraea ostreaeformis* in Maragos, 1977]  
a *Psammocora explanulata* Van der Horst, 1921  
*Psammocora nierstraszi* Van der Horst, 1922  
*Psammocora stellata* Verrill, 1864  
*Psammocora verrilli* Vaughan, 1907

**References**

- Fitzhardinge, R.** 1993. The ecology of juvenile Hawaiian corals. Ph.D. Thesis: Department of Zoology, University of Hawaii at Manoa, Honolulu. 252 p.  
**Grigg, R.W., J. Wells & C. Wallace.** 1981. *Acropora* in Hawaii. Part 1. History of the scientific record, systematics and ecology. *Pac. Sci.* **35**: 1-13.  
**Maragos, J.E.** 1977. Order Scleractinia: stony corals, p. 158-241. *In*: Devaney, D.M. & L.G. Eldredge, eds., *Reef and shore fauna of Hawaii*. Section 1: Protozoa through Ctenophora. Bishop Museum Press, Honolulu.

## First Record of the Blue Crab (*Callinectes sapidus*) in Hawaii (Decapoda: Brachyura)

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The blue crab, *Callinectes sapidus* Rathbun, has been collected for the first time in Kaneohe Bay, Oahu, Hawaii. The native range of the species is along the eastern seaboard of the New World from Nova Scotia to Argentina, including Bermuda and the Antilles (Williams, 1984). Six specimens (all female) have been collected since 1985 near the Heeia State Park and the Kaneohe Marine Corps base (see Material Examined below).

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