

Chiriboga, A., Ruiz, D., Banks, S. (2012). CDF Checklist of Galapagos Sponges - FCD Lista de especies de Esponjas de Galápagos. *In*: Bungartz, F., Herrera, H., Jaramillo, P., Tirado, N., Jiménez-Uzcátegui, G., Ruiz, D., Guézou, A. Ziemmeck, F. (eds.). Charles Darwin Foundation Galapagos Species Checklist - Lista de Especies de Galápagos de la Fundación Charles Darwin. Charles Darwin Foundation / Fundación Charles Darwin, Puerto Ayora, Galapagos: <http://checklists.galadarwin.webfactional.com/marine-invertebrates/porifera/> Last updated 20 May 2012.

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# CDF Checklist of Galapagos Sponges

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20 May 2012

This checklist is automatically generated using Version 3.0 of the online database CDF Galapagos Species Checklist.

**Sponges** are permanently attached to the substrate. Due to their internal system composed of pores, canals, and chambers, their bodies circulate water with dissolved organic material or plankton that is assimilated by the animal.

For marine species distribution data cited in the CDF Galapagos Checklists refer to the five main bioregions of the archipelago (Far Northern, Northern, Western, South Eastern and the Elithabeth Bay Bioregion). For the terrestrial species the more than 120 islands, islets and small rocks have been aggregated into Islands Groups, thus, for example, the island group "Santa Cruz" includes smaller islands like Santa Fé, Plaza Norte, Plaza Sur, Baltra, Daphne Mayor, Daphne Minor, and others.

Please be aware that the distribution data presented here is automatically generated from specimen records and does not always accurately reflect the known distribution for all species.

IUCN red-list assessments presented here may deviate from the global IUCN list for the following reasons:

- for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;
- for poorly known species groups (e.g., lichenized fungi) a general assessment is currently not possible and the list presented here is a regional red-list list for Galapagos archipelago.

**Names of taxa included in this checklist:** 39 (38 Accepted , 1 Unidentified Taxon).

**Origin of the taxa included:** 3 Endemic.

1. *Acarinus peruanus* van Soest, Hooper Hiemstra, 1991  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
2. *Antho (Acarnia) lithophoenix* (De Laubenfels, 1927)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
Syn.: *Isociona lithophoenix* (De Laubenfels, 1927) (genus transfer), fide Appeltans et al. (2010).  
Syn.: *Plocamia lithophoenix* De Laubenfels, 1927 (genus transfer), fide Appeltans et al. (2010).

**Galapagos Distribution:** Unknown.

3. *Aplysilla sulphurea* Schulze, 1878  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**IUCN Red List:** Not Evaluated.  
**Galapagos Distribution:** San Cristóbal.  
**References:** Banks, S. et al. (2009).
4. *Auleta dendrophora* Wilson, 1904  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** San Cristóbal.
5. *Chondrilla verrucosa* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
6. *Cinachyrella globulosa* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
7. *Clathrina* sp.  
**Taxon status:** Taxon not identified to species, subspecies, form or variety.  
**IUCN Red List:** Not Evaluated.  
**Galapagos Distribution:** Unknown.  
**References:** Appeltans, W. et al. (2010), Bustamante, R.H. et al. (2002).
8. *Cliona chilensis* Thiele, 1905  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Pseudosuberites melanos*, De Laubenfels, 1972, fide Desqueyroux-Faúndez Van Soest (1997).  
 Syn.: *Pseudosuberites pseudos*, Dickinson, 1945, fide Desqueyroux-Faúndez Van Soest (1997).  
**IUCN Red List:** Not Evaluated.  
**Galapagos Distribution:** Unknown.
9. *Corallistes isabela* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
10. *Geodia media* Bowerbank, 1873  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Synops(?) media* Sollas, 1888, fide Desqueyroux-Faúndez Van Soest (1997).  
**Galapagos Distribution:** Unknown.
11. *Guitarra abbotti* Lee, 1987  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
12. *Halicnemia diazae* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
13. *Hymeniacidon sinapium* De Laubenfels, 1930  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Leucophloeus actites* Ristau, 1978, fide Desqueyroux-Faúndez Van Soest (1997).  
**Galapagos Distribution:** Unknown.
14. *Iophon lamella* Wilson, 1904  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Burtonella melanokhemia* de Laubenfels, 1928, fide Appeltans et al. (2010).  
 Syn.: *Iophon chelifera* var. *californiana* de Laubenfels, 1932, fide Appeltans et al. (2010).  
**Galapagos Distribution:** Unknown.
15. *Mycale (Carmia) cecilia* De Laubenfels, 1936  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Mycale cecilia* de Laubenfels, 1936 (subgenus assignment), fide Appeltans et al. (2010).

- Syn.: *Mycale maunakea* de Laubenfels, 1951 (junior synonym), fide Appeltans et al. (2010).  
 Syn.: *Mycale microsigmatosa* Green Gomez, 1986, fide Desqueyroux-Faúndez Van Soest (1997).  
**Galapagos Distribution:** Unknown.
16. *Myxilla (Myxilla) mexicensis* Dickinson, 1945  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Myxilla mexicensis* Dickinson, 1945 (subgenus assignment), fide Appeltans et al. (2010).  
**Galapagos Distribution:** Unknown.
17. *Oceanapia microtoxa* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
18. *Penares apicospinatus* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
19. *Penares saccharis* (de Laubenfels, 1930)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Papyrula saccharis* De Laubenfels, 1930, fide Desqueyroux-Faúndez Van Soest (1997).  
**Galapagos Distribution:** Unknown.
20. *Penares scabiosus* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
21. *Phakellia hooperi* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
22. *Phorbis californiana* (De Laubenfels, 1932)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Myxilla californiana* de Laubenfels, 1932 (genus transfer), fide Appeltans et al. (2010).  
 Syn.: *Myxilla versicolor* var. *californiana* de Laubenfels, 1932 (genus transfer and status change), fide Appeltans et al. (2010).  
 Syn.: *Podotuberculum hoffmani* Bakus, 1966,  
**Galapagos Distribution:** Unknown.
23. *Plakina fragilis* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
24. *Plakina microlobata* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
25. *Plakina pacifica* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
26. *Plakortis galapagensis* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.  
**References:** Appeltans, W. et al. (2010), Desqueyroux-Faúndez, R. et al. (1997).
27. *Poecillastra cribraria* Wilson, 1904  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.
28. *Polymastia villosa* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.

29. *Quasillina translucida* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
30. *Raspailia galapagensis* (Desqueyroux-Faúndez van Soest, 1997)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Aulospongius galapagensis* Desqueyroux-Faúndez van Soest, 1997, fide Appeltans et al. (2010); Holotype: USNM 43173, type locality: Galapagos Islands  
**Galapagos Distribution:** Unknown.  
**References:** Appeltans, W. et al. (2010), Desqueyroux-Faúndez, R. et al. (1997).
31. *Sigmosceptrella hospitalis* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
32. *Spongionella repens* (Thiele, 1905)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Eurysspongia repens* (Thiele, 1905) (genus transfer), fide Appeltans et al. (2010).  
 Syn.: *Spongelia repens* Thiele, 1905 (genus transfer), fide Appeltans et al. (2010).  
**Galapagos Distribution:** Unknown.
33. *Spongisorites smithae* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
34. *Stelletta eduardoi* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**Galapagos Distribution:** Unknown.
35. *Tedania (Tedania) galapagensis* Desqueyroux-Faúndez van Soest, 1996  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Tedania galapagensis* Desqueyroux-Faúndez van Soest, 1996 (subgenus assignment), fide Appeltans et al. (2010).  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.
36. *Tedania galapagensis* Gill, 1862  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**IUCN Red List:** Not Evaluated.  
**Galapagos Distribution:** Unknown.  
**References:** Banks, S. et al. (2009).
37. *Tethya sarai* Desqueyroux-Faúndez van Soest, 1997  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
**IUCN Red List:** Not Evaluated.  
**Galapagos Distribution:** Unknown.  
**References:** Banks, S. et al. (2009).
38. *Tethya strongylata* Sarà, Bavestrello Calcinai, 2000  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syntypes (BMNH 1938:4:8:1, slide 1938:4:8). Type locality: Galapagos Islands. West side of James Island.  
**Galapagos Distribution:** Unknown.  
**References:** Appeltans, W. et al. (2010), Sarà, M. et al. (2000).
39. *Vulcanella (Vulcanella) tricornis* (Wilson, 1904)  
**Taxon status:** Accepted name; taxon occurs in Galapagos.  
 Syn.: *Poecillastra tricornis* Wilson, 1904, fide Desqueyroux-Faúndez Van Soest (1997).  
**Origin:** Native, Endemic.  
**Galapagos Distribution:** Unknown.

**References:**

1. Appeltans, W., Bouchet, P., Boxshall, G.A., Fauchald, K., Gordon, D.P., Hoeksema, B.W., Poore, G.C.B., van Soest, R.W.M., Stöhr, S., Walter, T.C., Costello, M.J. (eds.) (2010) *World Register of Marine Species (WoRMS)*. Available online at <http://www.marinespecies.org>.
2. Banks, S., Vera, M. Chiriboga, A. (2009) *Establishing Reference Points to Assess Long-Term Change in Zooxanthellate Coral Communities of the Northern Galapagos Coral Reefs*. *Journal of Science and Conservation in the Galapagos Islands*, p. 43-64.
3. Bustamante, R.H., Vinueza, L.R., Smith, F., Banks, S., Calvopiña, M., Francisco, V., Chiriboga, A., Harris, J. (2002) *Comunidades submareales rocosas I: Organismos sésiles y mesoinvertebrados móviles*. In: Danulat, E. Edgar, G.J. (eds.) (2002): *Reserva Marina de Galápagos. Línea Base de la Biodiversidad*. Fundación Charles Darwin/Servicio Parque Nacional Galápagos, Santa Cruz, Galápagos, Ecuador, p. 38-67.
4. Desqueyroux-Faúndez, R., Van Soest, R.W.M. (1997) *Shallow water Demosponges of the Galápagos Islands*. *Revue suisse de Zoologie* 104(2): 379-467.
5. Sarà, M., Bavestrello, G. Calcinai, B. (2000) *New Tethya species (Porifera, Demospongiae) from the Pacific area*. *Zoosystema* 22(2): 345-354.