

CDF Checklist of Galapagos Sponges

Angel Chiriboga, Diego Ruiz, Stuart Banks

Contribs.: Margarita Brandt, Rodrigo Bustamante, Graham Edgar, José Miguel Fariña, Peter Glynn, Alex Hearn, Cleveland Hickman, Fernando Pinillos, Fernando Rivera, Franz Smith, Mariana Vera, Luis Vinuesa.

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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for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;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: 8 (7 Accepted , 1 Unidentified Taxon).

1. *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).

2. *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).

3. *Cliona chilensis* Thiele, 1905
Taxon status: Accepted name; taxon occurs in Galapagos.
IUCN Red List: Not Evaluated.
Galapagos Distribution: Unknown.
4. *Tethya sarai* Gill, 1862
Taxon status: Accepted name; taxon occurs in Galapagos.
IUCN Red List: Not Evaluated.
Galapagos Distribution: Unknown.
References: Banks, S. et al. (2009).
5. *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).
6. *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).
7. *Raspailia galapagensis* (Desqueyroux-Faúndez van Soest, 1997)
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Aulospongia 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).
8. *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).

References:

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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.