

CDF Checklist of Galapagos Diatoms

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Abstract

This Checklist of Galapagos Diatoms includes a total of all 83 taxa reported from the Galapagos Islands.

For each name, detailed information is provided: its Galapagos distribution in islands groups or bioregions generated from the specimen records, comments about the taxonomy (especially synonyms), the origin (native and introduced), taxon status (accepted vs. rejected records) and relevant literature references.

Introduction

This publication lists all species of Galapagos Diatoms currently known.

Part of the phytoplankton, diatoms are unicellular algae that inhabit both salt- and fresh-water habitats.

All possess a cell wall made from silica that encapsulates the cell like a skeleton. This unique structure is called a frustule.

Diatoms are divided into three classes: **Bacillariophyceae** and **Fragilariophyceae** with bilateral symmetry, and **Coccinodiscophyceae** that are cylindrical.

The cells have yellow or light brown chloroplasts.

Methods

This checklist of all known Galapagos Diatoms is automatically generated using the online database of the Charles Darwin Foundation Galapagos Species Checklist.

All CDF Galapagos Species Checklists represent the synthesis of many different records: literature citations, data from previously unpublished reports (grey literature), specimen records of natural history collections located in Galapagos and all over the world. To the best of their knowledge authors of the individual checklists revised all available data. When new information becomes available, the taxonomy of a group changes or new species are discovered, the CDF online database and thus this publication becomes updated.

For many poorly known species groups the higher taxonomic classification still regularly changes according to how our knowledge about species being related changes. In many well known groups the phylogeny is somewhat stable, but to avoid confusion, in particular for groups where taxonomic changes are frequent, all checklists presented here are sorted alphabetical according to genus name and specific epithet. Please refer to the website for the currently accepted taxonomic hierarchy of each group.

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

For marine species, the distribution generally refers to the five main bioregions of the archipelago (Far Northern, Northern, Western, South Eastern and the Elisabeth Bay Bioregion). For the terrestrial species 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.

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.

Numbers of the species included in this list are auto-generated. Adding up the number of species in each category will not always equal the total number indicated. Some species have insufficient data to be categorized while others (e.g., category eradicated) will not be included in the total.

Results

Names of taxa included in this checklist: 83 (80 accepted, 2 doubtful, 1 problematic).

Origin of the taxa included: 16 endemic, 57 indigenous, 1 questionable endemic.

1. *Achnanthes brevipes var. intermedia* (Kützing) Cleve

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

2. *Achnanthes submarina* Hustedt

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

3. *Achnanthes turgida* Ehrenberg

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Ehrenberg, C.G. et al. (1853), Guiry, M.D. et al. (2010).

4. *Amphora cf. marina* Witkowski, Lange-Bertalot & Metzeltin

Taxon status: Taxonomic status unresolved or unrevised.

Taxon authors listed by Seddon (2011) (Witkowski, Lange-Bertalot & Metzeltin) do not match those listed by Guiry & Guiry (2010) (W.Smith)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

5. *Amphora micrometra* Giffen

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

6. *Amphora pseudoholsatica* Nagumo & Kobaysi
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
7. *Amphora strigosa* Hustedt
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
8. *Anomoeoneis sphaerophora* (Kützting) Pfitzer
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).
9. *Brachysira aponina* Kützting
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
10. *Campylodiscus clypeus* Ehrenberg
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
11. *Cymatosira lorenziana* Grunow
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
12. *Cymbella delicatissima* var. *beagleana* Patrick
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).
13. *Cymbella thienemanni* Hustedt
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

14. *Denticula subtilis* Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

15. *Diploneis cabro* Ehrenberg

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

16. *Diploneis caffra* Giffen

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Seddon, A.W.R. et al. (2011).

17. *Diploneis smithii* var. *smithii* (Brébisson) Cleve

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).

18. *Diploneis vacillans* var. *vacillans* (A. Schmidt) Cleve

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

19. *Encyonema ventricosum* (Agardh) Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Cymbella ventricosa* Agardh fide Guiry & Guiry (2010)

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

20. *Envekadea pseudocrassirostris* (Hustedt) Van de Vijver, Gligora, Hinz, Kralj & Cocquyt

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Navicula pseudocrassirostris* Hustedt fide Guiry & Guiry (2010).

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

21. *Fallacia pseudolitoricola* (Hustedt) Lange-Bertalot

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Seddon, A.W.R. et al. (2011).

22. *Fragilaria bronkei* Witkowski, Lange-Bertalot & Metzeltin

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

23. *Fragilaria geocollegarum* Witkowski & Lange-Bertalot

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

24. *Fragilaria sopotensis* Witkowski & Lange-Bertalot

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

25. *Frustulia isabelae* Patrick

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).

26. *Halumphora acutiuscula* (Kützing) Levkov

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Amphora acutiuscula* Kützing fide Guiry & Guiry (2010)

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).

27. *Halumphora coffeaeformis* (Agardh) Levkov

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Amphora coffeaeformis* (C.Agardh) Kützing fide Guiry & Guiry (2010)

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).

28. *Halamphora cymbifera* (Gregory) Levkov
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: Amphora caroliniana Giffen fide Guiry & Guiry (2010)
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
29. *Hannaea arcus* (Ehrenberg) R.M.Patrick
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).
30. *Hyalosira hustediana* (Patrick) Navarro
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
31. *Hyalosynedra fasciculata* Kützing
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
32. *Mastogloia braunii* Grunow
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
33. *Mastogloia braunii f. elongata* Voigt
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Patrick, R. et al. (1970).
34. *Mastogloia crucicula var. crucicula* (Grunow) Cleve
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
35. *Mastogloia drouetiana* Patrick
Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).

36. *Mastogloia habensis* Voigt

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Patrick, R. et al. (1970).

37. *Mastogloia lanceolata* Thwaites ex W. Smith

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

38. *Mastogloia pseudoexigua* Cholnoky

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

39. *Mastogloia pumila* (Grunow) Cleve

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

40. *Navicula atwateri* Seddon, Witkowski & Hemphill-Haley

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Seddon, A.W.R. et al. (2011).

41. *Navicula crateri* Patrick

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

42. *Navicula darwiniana* Seddon & Witkowski

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Seddon, A.W.R. et al. (2011).

43. *Navicula galapagoensis* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
44. *Navicula isabelensiformis* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Closely resembles an unidentified *Navicula* sp. by Rumrich et al. 2000 from mainland Ecuador and the Bolivian high Andes.
Origin: Native, Questionable Endemic.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
45. *Navicula isabelensiminor* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
46. *Navicula isabelensis* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
47. *Navicula isabelensoides* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
48. *Navicula lagunae* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
49. *Navicula phylleptosomaformis* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).

50. *Navicula tagiana* Patrick
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).
51. *Navicula willisiae* Seddon & Witkowski
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
52. *Navicymbula pusilla* (Grunow) Krammer
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Cymbella pusilla* Grunow, *Seminavis pusilla* (Grunow) E.J.Cox & G.Reid fide Guiry & Guiry (2010)
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).
53. *Nitzschia amphibia* Grunow
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).
54. *Nitzschia beagleana* Patrick
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).
55. *Nitzschia communis* Rabenhorst
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
56. *Nitzschia communis var. hyalina* Lund
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).
57. *Nitzschia confinis* Hustedt
Taxon status: Accepted name; taxon occurs in Galapagos.

Possibly in Seddon et al. (2011) as *Nitzschia confinis* Patrick.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).

58. *Nitzschia confinis* var. *maxima* Patrick

Taxon status: Accepted name; taxon occurs in Galapagos.

Possibly in Seddon et al. (2011) as *Nitzschia confinis* Patrick.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Patrick, R. et al. (1970), Seddon, A.W.R. et al. (2011).

59. *Nitzschia elliptica* Hust.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

60. *Nitzschia frustulum* (Kützing) Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

61. *Nitzschia kutzingiana* Hilse

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

62. *Nitzschia microcephala* Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

63. *Nitzschia nana* Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

64. *Nitzschia ovalis* Arnott ex Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

65. *Nitzschia palea* (Kützing) W. Smith

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

66. *Nitzschia paleacea* Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

67. *Nitzschia pusilla* Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

68. *Nitzschia scalpelliformis* (Grunow) Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

69. *Nitzschia sigma* (Kützing) W. Smith

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

70. *Nitzschia subcommunis* Hust

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

71. *Nitzschia vitrea* var. *salinarum* Grunow

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

72. *Paralia sulcata* (Ehrenberg) Cleve
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
73. *Plagiogramma atomus* Greville
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
74. *Proshkinia bulnheimii* var. *bulnheimii* (Grunow) Karayeva
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
75. *Rhopalodia gibberula* (Ehrenberg) Müller
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
76. *Rhopalodia musculus* (Kützing) Müller
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
77. *Seminavis delicatissima* Patrick
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Seddon, A.W.R. et al. (2011).
78. *Staurosira punctiformis* Witkowski, Metzeltin & Lange-Bertalot
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Indigenous.
Galapagos Distribution: Santa Cruz.
References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).
79. *Striatella hustedtiana* Patrick
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Patrick, R. et al. (1970).

80. *Synedra isabellae* var. *isabellae* Patrick

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Patrick, R. et al. (1970).

81. *Synedra isabellae* var. *minor* Patrick

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Patrick, R. et al. (1970).

82. *Triceratium tripos* Cleve

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Cleve, P.T. et al. (1881), Guiry, M.D. et al. (2010).

83. *Tryblionella coarctata* (Grunow) D.G.Mann

Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.

Syn.: *Nitzschia coarctata* Grunow fide Guiry & Guiry (2010).

Origin: Native, Indigenous.

Galapagos Distribution: Santa Cruz.

References: Guiry, M.D. et al. (2010), Seddon, A.W.R. et al. (2011).

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2. Ehrenberg, C.G. (1853) *Über das mikroskopische Leben der Galápagos-Inseln und über die organische Mischung der dortigen vulkanischen Gebirgsarten, besonders des Palagonits*. Monatsberichte Berliner Akad. Wissenschaften 1853: 178-182.

3. Guiry, M.D., Guiry, G.M. (2010) *AlgaeBase*. World-wide electronic publication, National University of Ireland, Galway. <http://www.algaebase.org>.
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Disclaimer

The Charles Darwin Foundation Galapagos Species Checklist is a continuously updated list of all species currently known from the Galapagos Islands and reflects up-to-date knowledge compiled by scientists of the Charles Darwin Foundation (CDF) in collaboration with experts from around the world. CDF shares this data publicly and invites comments, corrections and additions.

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