

CDF Checklist of Galapagos Horn- & Liverworts

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Abstract

This Checklist of Galapagos Horn- & Liverworts includes a total of all 151 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 Horn- & Liverworts currently known.

This checklist contains all currently known **hornworts** and **liverworts** of the Galapagos Islands. The list is based on Gradstein (2009) and comprises the following taxonomic divisions:

- **Hepatophyta** (liverworts):
either with stems and leaves (foliose liverworts) or composed of lobes, i.e., without stems and leaves (thalloid liverworts), rhizoids unicellular, cells usually with oil bodies, elaters among spores present.
- **Anthocerotophyta** (hornworts):
without leaves, rhizoids unicellular, elaters among spores present.

Methods

This checklist of all known Galapagos Horn- & Liverworts 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Species Checklists represent the synthesis of many different records: literature citations, data from previously unpublished reports (grey literature), specimen records of natural history collections located in Galapagos and all over the world.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: 151 (113 accepted, 1 unidentified taxon, 3 doubtful), 34 rejected.

Origin of the taxa included: 15 endemic.

1. *Acanthocoleus aberrans var. laevis* Gradst.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: ? *Dicranolejeunea loxensis*, fide Gradstein (1994)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1994), León-Yáñez, S. et al. (2006).

2. *Adelanthus decipiens* (Hook.) Mitt.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

3. *Albiellopsis dominicensis* (Spruce) Fulf.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

4. *Anthoceros punctatus* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

5. *Anthoceros simulans* Howe

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Howe, M.A. et al. (1934), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966).

6. *Anthoceros tuberculatus* Lehm. & Lindenb.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Anthoceros vegetans*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009).

7. *Bazzania hookeri* (Lindenb.) Trevis.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Bazzania teretiuscula*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

8. *Bryopteris filicina* (Sw.) Nees

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Bryopteris fruticulosa*, *B. galapagona*, *B. liebmanniana*, *B. longispica*, *B. tenuicaulis*, *B. trinitensis*, *Jungermannia filicina*

Origin: No Data.

Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz, Santiago.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Evans, A.W. et al. (1902), Gradstein, S.R. et al. (2009), Hooker, J.D. et al. (1847), Weber, W.A. et al. (1966).

9. *Calypogeia peruviana* Nees & Mont.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Clark (1953) as *Calypogeia miquelii*, fide Gradstein (2009)

Origin: No Data.

Galapagos Distribution: San Cristóbal, Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

10. *Cephaloziella cf. antillana* (Spruce) Fulf.

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

11. *Cephaloziella cf. divaricata* (Sm.) Schiffn.

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

12. *Cephaloziella granatensis* (J.B. Jack) Fulf.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982).

13. *Cephaloziopsis intertexta* (Gottsche) R.M. Schust.

Taxon status: Accepted name; taxon occurs in Galapagos.

In Clark (1953) as *Lophozia opacula*, fide Gradstein (2009)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

14. *Ceratolejeunea cornuta* (Lindenb.) Schiffn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Ceratolejeunea maritima*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966).

15. *Ceratolejeunea filaria* (Taylor ex Lehm.) Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Erroneously recorded as *Ceratolejeunea cornuta* by Gradstein & Weber (1982), fide Gradstein (2009)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

16. *Cheilolejeunea rigidula* (Mont.) R.M. Schust.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

17. *Cheilolejeunea trifaria* (Reinw., Blume & Nees) Mizut.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Euosmolejeunea trifaria*

Origin: No Data.

Galapagos Distribution: Pinzón, Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

18. *Chiloscyphus trapezoideus* (Mont.) J.J. Engel & R.M. Schust.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Lophocolea trapezoidea*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009).
19. *Cololejeunea cardiocarpa* (Mont.) Stephani
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Arnell, S. et al. (1961), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
20. *Cololejeunea gracilis* (Jovet-Ast) Gradst. & Pócs
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Aphanolejeunea gracilis*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009).
21. *Cololejeunea minutissima ssp. myriocarpa* (Nees & Mont.) R.M. Schust.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Cololejeunea myriocarpa*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
22. *Cololejeunea sicaefolia* Gottsche
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Aphanolejeunea sicaefolia*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Weber, W.A. et al. (1966).
23. *Colura andoi* Gradst. & Jovet-Ast
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1994), León-Yáñez, S. et al. (2006).
24. *Colura cylindrica* Herzog
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Arnell, S. et al. (1961), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

25. *Colura tenuicornis* (A. Evans) Stephani

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Arnell, S. et al. (1961), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

26. *Cylindrocolea rhizantha* (Mont.) R.M. Schust.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

27. *Dendroceros crispus* (Sw.) Nees

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Howe, M.A. et al. (1934), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

28. *Dicranolejeunea axillaris* (Nees & Mont.) Schiffn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Peltolejeunea galapagona*

Origin: No Data.

Galapagos Distribution: Floreana, Isabela, Santa Cruz.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Evans, A.W. et al. (1902), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

29. *Diplasiolejeunea rudolphiana* (Spruce) Schiffn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Floreana.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

30. *Drepanolejeunea bidens* (Steph.) Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

31. *Drepanolejeunea inchoata* (Meissn.) Schiffn.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
32. *Drepanolejeunea orthophylla* (Nees & Mont.) Bischl.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Leptolejeunea stenophylla*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
33. *Dumortiera hirsuta* (Sw.) Reinw., Bl. & Nees
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1975).
34. *Fossombronia crassifolia* Spruce
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2008).
35. *Fossombronia porphyrorhiza* (Nees) Prosk.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Fossombronia brasiliensis*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
36. *Fossombronia pusilla* (L.) Dumort.
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
37. *Frullania aculeata* Taylor
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Frullania acuminata*, *F. pungens*, *Jungermannia pungens*
Origin: No Data.
Galapagos Distribution: Floreana, Isabela, Pinzón, San Cristóbal, Santa Cruz.
References: Andersson, N.J. et al. (1855), Arnell, S. et al. (1961), Clark, L. et al. (1953), Evans, A.W. et al.

(1902), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Hooker, J.D. et al. (1847), León-Yáñez, S. et al. (2006), Schofield, E.K. et al. (1984).

38. *Frullania arecae* (Spreng.) Gottsche

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1966).

39. *Frullania brasiliensis* Raddi

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Frullania robusta*

Origin: No Data.

Galapagos Distribution: Floreana, Pinzón, Santa Cruz, Santiago.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1994), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

40. *Frullania caulisequa* (Nees) Nees

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Frullania galapagona* Ångstr. non Steph., *F. gymnotis*, *F. obcordata*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

41. *Frullania convoluta* Lindenb. & Hampe

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

42. *Frullania darwinii* Gradst.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Isabela, Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1994), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984).

43. *Frullania ecklonii* (Spreng.) Spreng.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

44. *Frullania ericoides* (Nees) Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Frullania squarrosa*, *Jungermannia squarrosa*, pers. comm. R. Gradstein 2009
Origin: No Data.
Galapagos Distribution: Isabela, Pinta, Pinzón, Santa Cruz.
References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1975), Weber, W.A. et al. (1966).
45. *Frullania gibbosa* Nees
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
46. *Frullania gradsteinii* Yuzawa, Mues & S. Hatt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Frullania mesophila* Gradst. nom. nud.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1994), León-Yáñez, S. et al. (2006).
47. *Frullania involuta* Hampe ex Steph.
Taxon status: Accepted name; taxon occurs in Galapagos.
Accord. to Gradstein (2009) the Galápagos material needs further study and the identification is therefore tentative
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).
48. *Frullania kunzei* (Lehm. & Lindenb.) Lehm. & Lindenb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Frullania neesii*
Origin: No Data.
Galapagos Distribution: Pinta.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
49. *Frullania laxiflora* Spruce
Taxon status: Accepted name; taxon occurs in Galapagos.
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).
50. *Frullania peruviana* Gottsche
Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Frullania atrata* sensu Spruce (non [Sw.]), *F. atrosanguinea*, *F. haecekeriana*, *F. mathanii*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

51. *Frullania phalangiflora* Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

52. *Frullania riojaneirensis* (Raddi) Ångstr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Frullania arietina*

Origin: No Data.

Galapagos Distribution: Pinta, Santa Cruz.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

53. *Frullanoides densifolia* ssp. *grandidentata* (Clark) van Slageren

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Brachiolejeunea grandidentata*

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

54. *Frullanoides tristis* (Stephani) Slageren

Taxon status: Accepted name; taxon occurs in Galapagos.

Erroneously recorded as *Brachiolejeunea bahamensis* (Gradstein & Weber 1982) fide Gradstein (2009); Syn.:
? *Brachiolejeunea chinantlana*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

55. *Herbertus bivittatus* Spruce

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Herbertus divergens*, *H. juniperoideus* ssp. *bivittatus*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009).

56. *Herbertus pensilis* (Tayl.) Spruce

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Herbertus juniperoideus* ssp. *pensilis*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1979), León-Yáñez, S. et al. (2006).

57. *Jamesoniella rubricaulis* (Nees) Grolle

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Syzygiella oppositifolia*

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

58. *Lejeunea flava* (Sw.) Nees

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Pinta, Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

59. *Lejeunea laetevirens* Nees & Mont.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Microlejeunea laetevirens*, pers. comm. R. Gradstein 2009

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

60. *Lejeunea maxonii* (A. Evans) X.-L. He

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Rectolejeunea maxonii*

Origin: No Data.

Galapagos Distribution: Isabela, Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

61. *Lejeunea setiloba* Spruce

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

62. *Lejeunea trinitensis* Lindenb.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Stylolejeunea pililoba*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

63. *Lepidolejeunea involuta* (Gottsche) Grolle

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Lepidolejeunea dentata*, pers. comm. R. Gradstein (2009), *Lepidolejeunea punctata*, *Hygrolejeunea punctata*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

64. *Leptolejeunea elliptica* (Lehm. & Lindenb.) Schiffn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Floreana, Santa Cruz.

References: Arnell, S. et al. (1961), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

65. *Leptoscyphus porphyrius* (Nees) Grolle

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Leptoscyphus liebmannianus*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

66. *Leucolejeunea xanthocarpa* (Lehm. & Lindenb.) A. Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

67. *Marchantia berteriana* Lehm. & Lindenb.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1979), León-Yáñez, S. et al. (2006).

68. *Marchantia chenopoda* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S.

et al. (2006), Weber, W.A. et al. (1966).

69. *Marchantia polymorpha* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1994), León-Yáñez, S. et al. (2006).

70. *Marchesinia bongardiana* (Lehm. & Lindenb.) Trevis.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Marchesinia nigrescens*, *Phragmicoma nigrescens*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Ångström, A.J. et al. (1873), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

71. *Marchesinia brachiata* (Sw.) Schiffn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Brachiolejeunea galapagona*, *Marchesinia galapagona*, *Phragmicoma galapagona*, *Lopholejeunea andersonii*

Origin: No Data.

Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Evans, A.W. et al. (1902), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1994), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

72. *Metzgeria grandiflora* Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Isabela, Santa Cruz, Santiago.

References: Clark, L. et al. (1953), Evans, A.W. et al. (1916), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Kuwahara, Y. et al. (1979), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966).

73. *Metzgeria myriopoda* Lindb.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1975).

74. *Microlejeunea bullata* (Taylor) Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

75. *Neesioscyphus argillaceus* (Nees) Grolle

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

76. *Neurolejeunea breutelii* (Gottsche) A. Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

77. *Notothylas galapagensis* Howe

Taxon status: Accepted name; taxon occurs in Galapagos.

accord. to Gradstein (2009) erroneously reported as *Notothylas orbicularis* (Schwein.) Sull. by Evans (1902) fide Howe (1934)

Origin: Native, Endemic.

Galapagos Distribution: Floreana, Santiago.

References: Clark, L. et al. (1953), Evans, A.W. et al. (1902), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Howe, M.A. et al. (1934), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966).

78. *Odontoschisma falcifolium* Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

79. *Odontoschisma longiflorum* Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: San Cristóbal.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

80. *Omphalanthus filiformis* (Sw.) Nees

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Jungermannia filiformis*

Origin: No Data.

Galapagos Distribution: Floreana, Pinta, San Cristóbal, Santa Cruz, Santiago.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Evans, A.W. et al. (1902), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Hooker, J.D. et al. (1847), León-Yáñez, S. et al. (2006), Weber, W.A. et al.

al. (1966).

81. *Omphalanthus jackii* (Steph.) Gradst.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Peltolejeunea acuminata*, *P. jackii*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

82. *Omphalanthus ovalis* (Lindenb. & Gottsche) Gradst.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Peltolejeunea ovalis*

Origin: No Data.

Galapagos Distribution: Floreana, Santa Cruz.

References: Arnell, S. et al. (1961), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

83. *Phaeoceros laevis* (L.) Prosk.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

84. *Phaeoceros sp.*

Taxon status: Taxon not identified to species, subspecies, form or variety.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

85. *Plagiochasma rupestre* (Forster) Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Floreana, Isabela.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

86. *Plagiochila aerea* Tayl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Plagiochila bursata* (Desv.) Lindenb. nom. illeg., fide Grolle & Heinrichs (1999)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Grolle, R. et al. (1999), Inoue, H. et al. (1980), León-Yáñez, S. et al. (2006).

87. *Plagiochila bidens* Gottsche
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Plagiochila scabrifolia*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).
88. *Plagiochila bifaria* (Sw.) Lindenb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Plagiochila gradsteinii*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).
89. *Plagiochila diversifolia* Lindenb. & Gottsche
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Plagiochila galapagona*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).
90. *Plagiochila inouei* Grolle
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Plagiochila nudiuscula* Inoue nom. illeg.
Origin: Native, Endemic.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Inoue, H. et al. (1980), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984).
91. *Plagiochila raddiana* Lindenb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Plagiochila andersonii*, *P. asplenioides*, *P. breuteliana*, *P. guillemianiana*, *P. martiana*, *P. subsimplex*;
additional specimens: Santiago, Stewart 3405 (U), Santa Cruz, Stewart 385 (U)
Origin: No Data.
Galapagos Distribution: Isabela, Santa Cruz.
References: Arnell, S. et al. (1961), Evans, A.W. et al. (1902), Gradstein, S.R. et al. (2009), Heinrichs, J. et al. (2000), León-Yáñez, S. et al. (2006).
92. *Plagiochila spinifera* Ångstr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Plagiochila trifida*
Origin: Native, Endemic.
Galapagos Distribution: Isabela, Santa Cruz.
References: Ångström, A.J. et al. (1873), Arnell, S. et al. (1961), Clark, L. et al. (1953), Evans, A.W. et al. (1902), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Inoue, H. et al. (1980), León-Yáñez, S. et

al. (2006), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966).

93. *Plagiochila subplana* Lindenb.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Inoue, H. et al. (1980), León-Yáñez, S. et al. (2006).

94. *Prionolejeunea aemula* (Gottsche) A. Evans

Taxon status: Accepted name; taxon occurs in Galapagos.

accord. to Gradstein (2009) specimens of this taxon have been recorded as *Prionolejeunea fabroniaefolia* (Arnell 1961), as *P. sp. nov.* (Gradstein & Weber 1982) or *P. denticulata* (León-Yáñez et al. 2006)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Arnell, S. et al. (1961), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

95. *Radula episcia* Spruce

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Yamada, K. et al. (1991).

96. *Radula galapagona* Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966), Yamada, K. et al. (1991).

97. *Radula gottscheana* Tayl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006), Yamada, K. et al. (1991).

98. *Radula quadrata* Gottsche

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Radula mollis*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006), Yamada, K. et al. (1991).

99. *Radula santacruziana* Yamada & Gradst.

Taxon status: Accepted name; taxon occurs in Galapagos.
accord. to Gradstein (2009) only known from the type

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006), Yamada, K. et al. (1991).

100. *Radula subinflata* Lindenb. & Gottsche

Taxon status: Accepted name; taxon occurs in Galapagos.

Erroneously recorded as *Radula fendleri* by Gradstein & Weber (1982), fide Gradstein (2009)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Yamada, K. et al. (1991).

101. *Radula voluta* Tayl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Radula ramulina*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006), Yamada, K. et al. (1991).

102. *Riccia albopunctata* Jov.-Ast

Taxon status: Accepted name; taxon occurs in Galapagos.

Type: Ecuador, Galapagos Islands, Isabela, Volcano Alcedo, 1100 m, Gradstein H 218 (Holotype U)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Bischler-Causse, H. et al. (2005), Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

103. *Riccia howellii* Howe

Taxon status: Accepted name; taxon occurs in Galapagos.

Type: Ecuador, Galapagos Islands, Isabela, Iguana Cove, Howell 209 (Isotype NY)

Origin: Native, Endemic.

Galapagos Distribution: Española, Floreana, Isabela, San Cristóbal, Santa Cruz, Santiago.

References: Bischler-Causse, H. et al. (2005), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1994), Howe, M.A. et al. (1934), Jovet-Ast, S. et al. (1978), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966).

104. *Riccia ianthiana* Jov.-Ast

Taxon status: Accepted name; taxon occurs in Galapagos.

accord. to Gradstein (2009) only known from the type: Ecuador, Galapagos Islands, San Salvador, 660 m, Pike 2762 (Holotype U)

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Bischler-Causse, H. et al. (2005), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982),

Gradstein, S.R. et al. (1994), Jovet-Ast, S. et al. (1978), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1984).

105. *Riccia iodocheila* Howe

Taxon status: Accepted name; taxon occurs in Galapagos.

Type: Ecuador, Galápagos Islands, San Cristóbal, Wreck Bay, Howell 201 (Holotype NY)

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Bischler-Causse, H. et al. (2005), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Howe, M.A. et al. (1934), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

106. *Riccia limicola* Jov.-Ast

Taxon status: Accepted name; taxon occurs in Galapagos.

In Weber (1975) as *Riccia fluitans*, fide Gradstein (2009); Type: Ecuador, Galápagos Islands, Santa Cruz, beside Alf Kastdalen's house above Bellavista, Weber B-41244 (Holotype PC, Isotype U)

Origin: Native, Endemic.

Galapagos Distribution: Santa Cruz.

References: Bischler-Causse, H. et al. (2005), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Jovet-Ast, S. et al. (1978), León-Yáñez, S. et al. (2006).

107. *Riccia plano-biconvexa* Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Isabela.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), Jovet-Ast, S. et al. (1978), León-Yáñez, S. et al. (2006).

108. *Sauteria chilensis* (Lindenb. ex Mont.) Grolle

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Sauteria berteroana*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

109. *Symphyogyna brasiliensis* Nees

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz, Santiago.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

110. *Targionia hypophylla* L.

Taxon status: Accepted name; taxon occurs in Galapagos.

Erroneously recorded as *Targonia stellaris* by Gradstein & Weber (1982), fide Gradstein (2009)

Origin: No Data.

Galapagos Distribution: Isabela, Santa Cruz, Santiago.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006).

111. *Taxilejeunea asthenica* (Spruce) Steph.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Onraedt, M. et al. (1982).

112. *Taxilejeunea cf. dictyocalyx* (Spruce) Steph.

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

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Onraedt, M. et al. (1982).

113. *Taxilejeunea debilis* (Lehm. & Lindenb.) Schiffn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Onraedt, M. et al. (1982).

114. *Taxilejeunea galapagensis* Onraedt

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

Galapagos Distribution: Floreana, Pinta, Pinzón, San Cristóbal, Santa Cruz.

References: Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Onraedt, M. et al. (1982), Weber, W.A. et al. (1984).

115. *Taxilejeunea pterigonia* (Lehm. & Lindenb.) Schiffn.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Arnell, S. et al. (1961), Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006), Onraedt, M. et al. (1982), Weber, W.A. et al. (1966).

116. *Telaranea nematodes* (Gottsche ex Austin) M.A. Howe

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Telaranea sejuncta*

Origin: No Data.

Galapagos Distribution: Santa Cruz.

References: Clark, L. et al. (1953), Gradstein, S.R. et al. (2009), Gradstein, S.R. et al. (1982), León-Yáñez, S. et al. (2006), Weber, W.A. et al. (1966).

117. *Tylimanthus laxus* (Lehm & Lindenb.) Spruce
Taxon status: Accepted name; taxon occurs in Galapagos.
Syn.: *Tylimanthus fendleri*
Origin: No Data.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (2009), León-Yáñez, S. et al. (2006).

Rejected taxa

1. *Aphanolejeunea cf. cingens* Herzog
doubtful if in Galápagos, fide Gradstein (2009)
2. *Brachiolejeunea bahamensis* Evans
Misidentification of *Frullanoidea tristis*, fide Gradstein (2009)
3. *Calypogeia miquelii* Mont.
Misidentification of *Calypogeia peruviana* by Clark (1953), fide Gradstein (2009)
4. *Caudalejeunea lehmanniana* (Gottsche) Evans
Misidentification of *Dicranolejeunea axillaris*, fide León-Yáñez et al. (2006) and Gradstein (2009)
5. *Cheilolejeunea clausa* (Nees & Mont.) R.M. Schust.
Possibly misidentification of *Cheilolejeunea trifaria*, fide Gradstein (2009)
6. *Colura ornithocephala* Herzog
Probably misidentification for Galápagos, species of the high Andes.
7. *Frullania atrata* (Sw.) Dumort.
Syn.: *Jungermannia atrata*; in Evans (1902) and Clark (1953) erroneously cited as *Frullania atrata* (Sw.) Nees
8. *Frullania atrata* sensu (Sw.) Nees (non Spruce)
Wrongly cited in Evans (1902) and Clark (1953), correct name is *Frullania atrata* (Sw.) Dumort. which does not occur in Galapagos
9. *Frullania ecuadorensis* Steph.
Syn.: *Frullania decipiens*, *Frullania galapagona* Steph. non Ångstr.; accord. to Gradstein (2009): Galápagos Islands, without locality, leg. Pittier (Stotler 1969), since Pittier is not known to have collected on Galápagos, specimen is probably mislabelled
10. *Frullania flexicaulis* Spruce
accord. to Gradstein (2009): Galápagos Islands, without locality, Taylor 1013 (Stotler 1969)
11. *Frullania tamarisci* (L.) Dumort.
Syn.: *Jungermannia tamarisci*; Misidentification; fide Gradstein & da Costa (2003) and Gradstein (2009) a holarctic species and not in the tropics; collected by Charles Darwin
12. *Frullania vaginata* (Sw.) Dumort.
Accord. to León-Yáñez et al. (2006) and Gradstein (2009) species is restricted to Asia, probably misidentification for Galápagos; collected by Charles Darwin

13. *Frullanooides densifolia ssp. densifolia* Raddi
Syn.: *Brachiolejeunea densifolia*; reports from Galápagos (León-Yáñez et al. 2006 and Gradstein & Weber 1982 as *Brachiolejeunea densifolia*) are erroneous fide Gradstein (2009)
14. *Herbertus juniperoideus* (Sw.) Grolle
15. *Lejeunea cerina* (Lehm. & Lindenb.) Gottsche, Lindenb. & Nees
Syn.: *Macrolejeunea subsimplex*; accord. to Gradstein (2009): Galápagos without locality
16. *Lopholejeunea nigricans* (Lindenb.) Schiffn.
Accord. to Gradstein (2009) this name was erroneously treated as accepted name of *Lopholejeunea andersonii* by León-Yáñez et al. (2006); this species does not occur in Galápagos
17. *Mastigolejeunea auriculata* (Wilson) Schiffn.
Misidentification of *Dicranolejeunea axillaris*, fide Gradstein (2009)
18. *Microlejeunea aphanella* (Spruce) Steph.
León-Yáñez et al. (2006) and Gradstein (2009) assume that this is a misidentification, because Accord. to Bischler et al. (1963) this species is endemic to the Rio Negro area in Brazil
19. *Microlejeunea ulicina* (Tayl.) Evans
Accord. to León-Yáñez et al. (2006) wide spread holarctic species which is not present in the tropics; probably misidentification of *Microlejeunea bullata* fide Gradstein (2009)
20. *Notothylas orbicularis* (Schwen.) Sull.
Misidentification of *Notothylas galapagensis*, fide Howe (1934)
21. *Plagiochila asplenioides* L. (Dum.)
Misidentification of *Plagiochila guilleminiana*, fide Inoue & Gradstein (1980); accord. to León-Yáñez et al. (2006) wide spread holarctic species which is not present in the tropics
22. *Plagiochila breuteliana* Lindenb.
accord. to Inoue & Gradstein (1980) misidentification of *Plagiochila guilleminiana*
23. *Plagiochila cobana* Steph.
Misidentification of *Plagiochila aerea* by Arnell (1961) fide Gradstein (2009)
24. *Plagiochila insularis* Steph.
accord. to Gradstein (2009) the specimen could not be located
25. *Plagiochila martiana* (Nees) Lindenb.
Misidentification of *Plagiochila guilleminiana*, fide Inoue & Gradstein (1980)
26. *Plagiochila ovata* Lindenb. & Gottsche
fide Inoue & Gradstein (1980) specimen could not be located, but is probably *P. guilleminiana*; fide León-Yáñez (2006) this species of the high Andes is doubtful for Galápagos; fide Gradstein (2009): identif. correct but maybe based on erroneous label
27. *Prionolejeunea fabroniaefolia* (Spr.) Schiffn.
Misidentification of *Prionolejeunea aemula* by Arnell (1961) fide Gradstein (2009)

28. *Radula boryana* (Weber) Nees ex Mont.
Misidentification of *Radula gottscheana*, fide Gradstein (2009)
29. *Radula decora* Gottsche ex Steph.
accord. to Gradstein (2009): Galápagos Islands, without locality, leg. Pittier (Castle 1963), since Pittier is not known to have collected on Galápagos, the specimen is probably mislabeled
30. *Radula fendleri* Gottsche ex Steph.
Misidentification of *Radula subinflata*, fide Yamada & Gradstein (1991) and Gradstein (2009)
31. *Radula retroflexa* Tayl.
accord. to Gradstein (2009) occurrence of this Asiatic species in Galápagos unlikely
32. *Riccia fluitans* L.
Misidentification of *Riccia limicola*; *R. fluitans* is accord. to Gradstein & da Costa (2003) a holarctic species
33. *Symbiezidium transversale* (Sw.) Trevis.
Misidentification of *Marchesinia brachiata*, fide Gradstein (1994)
34. *Targionia stellaris* (K. Müller) Hässel de Menéndez
Misidentification of *Targionia hypophylla*, fide Gradstein (2009)

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