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CDF Checklist of Galapagos Mosses

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

This checklist includes the mosses currently known to occur in the Galapagos Islands. It is based on collections made over the past two centuries by various collectors, mostly deposited in collections outside Galapagos, and some recent specimens held at the Herbarium of the Charles Darwin Foundation. Musci (mosses) have developed stems, leaves, and pluricellular rhizoids, elaters among spores are lacking.

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for well known species groups like vascular plants or vertebrates updates proposed to the IUCN are shown instead of the outdated, but currently accepted status;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: 138 (122 Accepted , 3 Doubtful , 7 Preliminary Identification , 4 Problematic), 2 rejected.

Origin of the taxa included: 4 Endemic.

1. *Anoetangium aestivum* (Hedw.) Mitt.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Anoetangium euchloron*

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

References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).

2. *Anomobryum julaceum* (P.Gaerth., B. Mey. Scherb.) Schimp.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Anomobryum filiforme*
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982).
3. *Brachymenium exile* (Dozy Molk.) Bosch Lac.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Pinta, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
4. *Brachymenium fabronioides* (Müll. Hal.) Paris
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
5. *Brachymenium globosum* A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Brachymenium bulbiferum*
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982).
6. *Brachymenium klotzschii* (Schwaegr.) Par.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Brachymenium macrocarpum*
Galapagos Distribution: Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
7. *Brachymenium systylium* (Müll. Hal.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Brachymenium imbricatifolium*, *B. imbricatum*
Galapagos Distribution: Pinzón, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Williams, R.S. et al. (1924).
8. *Brachythecium stereopoma* (Spruce ex Mitt.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982).
9. *Breutelia tomentosa* (Brid.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1979).
10. *Bryum apiculatum* Schwaegr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Bryum cruegeri*
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
11. *Bryum argenteum* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Bryum argenteum* var. *lanatum* ?
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1936), Weber, W.A. et al. (1975), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
12. *Bryum billardieri* Schwaegr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana.
References: Gradstein, S.R. et al. (1982).

13. *Bryum coronatum* Schwaegr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
14. *Bryum dichotomum* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
15. *Bryum limbatum* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982).
16. *Callicostella pallida* (Hornsch.) Ångstr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Steere, W.C. et al. (1936), Weber, W.A. et al. (1971).
17. *Calymperes afzelii* Sw.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Calymperes donnellii*
Galapagos Distribution: Isabela, Marchena, San Cristóbal, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
18. *Calymperes erosum* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Campylopus sprucei*
Galapagos Distribution: Marchena, Pinta, Santa Cruz.
References: Farlow, W.G. et al. (1902), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
19. *Calymperes palisotii* Schwaegr.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Calymperes richardii*
Galapagos Distribution: Isabela, Pinta, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
20. *Campylopodium curvisetum* (Hampe) Par.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Campylopodium pusillum*, *Microcampylopus curvisetus*
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982).
21. *Campylopus anderssonii* (Müll. Hal.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Campylopus insularis*, *Dicranum anderssonii* Müll. Hal.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Bartram, E.B. et al. (1933), Bartram, E.B. et al. (1961), Farlow, W.G. et al. (1902), Frahm, J.-P. et al. (1987), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
22. *Campylopus flexuosus* (Hedw.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Santa Cruz.
References: Bartram, E.B. et al. (1961), Weber, W.A. et al. (1971).
23. *Campylopus pilifer ssp. galapagensis* (J.-P. Frahm Sipman) J.-P. Frahm
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Campylopus galapagensis* Frahm Sipman
Origin: Native, Endemic.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.

- References:** Frahm, J.-P. et al. (1987), Frahm, J.-P. et al. (1978).
24. *Campylopus pilifer* var. *lamellatus* (Mont.) Gradst. Sipman
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Campylopus lamellatus*
Galapagos Distribution: Unknown.
References: Farlow, W.G. et al. (1902), Gradstein, S.R. et al. (1978), Steere, W.C. et al. (1948).
 25. *Campylopus richardii* Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Thysanomitrium richardii*
Galapagos Distribution: Santa Cruz.
References: Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
 26. *Campylopus savannarum* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Campylopus sprucei*
Galapagos Distribution: Unknown.
References: Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
 27. *Campylopus surinamensis* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Campylopus subleucogaster*
Galapagos Distribution: Isabela, Santa Cruz.
References: Frahm, J.-P. et al. (1987), Steere, W.C. et al. (1948).
 28. *Campylopus tallulensis* Sull. Lesq.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Pinzón, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1971).
 29. *Campylopus zygodonticarpus* (Müll. Hal.) Paris
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
 30. *Ceratodon purpureus* (Hedw.) Britt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
 31. *Chrysohypnum diminutivum* (Hampe) Buck
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Mittenothamnium diminutivum*; accord. to MBG Tropicos *Chrysohypnum* is an invalid name
Galapagos Distribution: Isabela, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
 32. *Crossomitrium epiphyllum* (Mitt.) Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Crossomitrium orbiculatum* Müll. Hal.
Galapagos Distribution: Santa Cruz.
References: Royal Botanic Gardens, Kew et al. (2010).
 33. *Crossomitrium patrisiae* (Brid.) Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
 34. *Cyclodictyon albicans* (Hedw.) Kuntze
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz.
References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948),

Steere, W.C. et al. (1936), Weber, W.A. et al. (1975), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

35. *Daltonia lindigiana* Hampe

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Daltonia stewartii*

Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz.

References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

36. *Daltonia longifolia* Tayl.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Daltonia robusta*

Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.

References: Ångström, A.J. et al. (1873), Bartram, E.B. et al. (1933), Farlow, W.G. et al. (1902), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

37. *Dicranella cf. brachyblepharis* (Müll. Hal.) Mitt.

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

Galapagos Distribution: Isabela, Pinta.

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

38. *Dicranella harrisii* (Müll. Hal.) Broth.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Unknown.

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

39. *Dicranella hilariana* (Mont.) Mitt.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: San Cristóbal, Santa Cruz.

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

40. *Dicranella longirostris* (Schwaegr.) Mitt.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Santa Cruz.

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

41. *Dicranella perottettii* (Mont.) Mitt.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Isabela.

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

42. *Didymodon australasiae* (Hook. Grev.) R.H. Zander

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Trichostomopsis australasiae* (Hook. Grev.) H. Rob.

Galapagos Distribution: Isabela.

References: Gradstein, S.R. et al. (1982), Royal Botanic Gardens, Kew et al. (2010).

43. *Didymodon tophaceus* (Brid.) Lisa

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Unknown.

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

44. *Entodontopsis leucostega* (Brid.) W.R. Buck Ireland

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Stereophyllum leucostegum*, *S. papilliferum*

Galapagos Distribution: Pinta, Santa Cruz, Santiago.

References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975).

45. *Entodontopsis nitens* (Mitt.) W.R. Buck Ireland

Taxon status: Identification not yet confirmed.

Galapagos Distribution: Santa Cruz.

46. *Entosthodon bonplandii* (Brid.)Mitt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1984).
47. *Erpodium domingense* (Spreng.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Pinta, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1984), Weber, W.A. et al. (1971).
48. *Fabronia ciliaris* var. *polycarpa* (Hook.) W.R. Buck
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Fabronia polycarpa*
Galapagos Distribution: Pinzón.
References: Gradstein, S.R. et al. (1982).
49. *Fissidens asplenoides* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
50. *Fissidens crispus* Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Fissidens repandus*
Galapagos Distribution: Floreana, Isabela, Pinta, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975).
51. *Fissidens guianensis* Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982).
52. *Fissidens intermedius* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
53. *Fissidens minutus* Thwaites Mitt.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Fissidens garberi*
Galapagos Distribution: Isabela, Pinta, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
54. *Fissidens reticulosus* (Müll. Hal.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Reid, D.A. et al. (1980).
55. *Fissidens stenopteryx* Besch.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982).
56. *Fissidens weirii* Mitt.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Fissidens howellii*
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948).

57. *Fissidens zollingeri* Mont.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Fissidens kegelianus*
Galapagos Distribution: San Cristóbal.
References: Gradstein, S.R. et al. (1982).
58. *Funaria calvescens* Schwaegr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Bartram, E.B. et al. (1933), Weber, W.A. et al. (1966), Williams, R.S. et al. (1924).
59. *Funaria hygrometrica* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1971).
60. *Groutiella apiculata* (Hook.) H.A. Crum Steere
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Groutiella mucronifolia*, *Macromitrium mucronifolium*, *Micromitrium mucronifolium*, *Craspedophyllum mucronifolium*
Galapagos Distribution: Fernandina, Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Bartram, E.B. et al. (1948), Bartram, E.B. et al. (1933), Bartram, E.B. et al. (1935), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
61. *Groutiella tomentosa* (Hornsch.) Wijk Margad.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Groutiella fragilis*, *Micromitrium fragile*, *Macromitrium fragile*, *Craspedophyllum fragile*
Galapagos Distribution: Floreana, Isabela, Pinzón, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
62. *Gymnostomiella vernicosa* (Harv.) M. Fleisch.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Gymnostomiella orcuttii*, fide R. Gradstein (pers. comm. 2008)
Galapagos Distribution: Floreana, Isabela, Santiago.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1984).
63. *Helicodontium capillare* (Hedw.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
 as *Helicodontium* sp. in Gradstein Weber (1982), fide R. Gradstein (pers. comm. 2008)
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
64. *Hemiragis aurea* (Lam. ex Brid.) Kindb.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Santa Cruz.
65. *Henicodium geniculatum* (Mitt.) W.R. Buck
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Leucodontopsis geniculata*
Galapagos Distribution: Pinta.
References: Weber, W.A. et al. (1971).
66. *Hydrogonium taylori* W.A. Weber
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Barbula taylorii*, MBG Tropicos: "taylori"; new name based on adoption of earlier epithet
Origin: Native, Endemic.
Galapagos Distribution: Floreana.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Steere, W.C. et al. (1936), Weber, W.A. et al. (1975), Weber, W.A. et al. (1984).

67. *Hyophila involuta* (Hook.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Hyophila tortula*
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
68. *Isopterygium cf. aurantiacum* (Müll. Hal.) Broth.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
Origin: Native, Endemic.
Galapagos Distribution: Unknown.
References: Weber, W.A. et al. (1975).
69. *Isopterygium cf. tenerifolium* Mitt.
Taxon status: The identification of this taxon or its occurrence in Galapagos is doubtful.
 Syn.: *Isopterygium fecundum*
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982).
70. *Isopterygium tenerum* (Sw.) Mitt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
71. *Lepidopilum falcatum* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982).
72. *Leptostomopsis systylium* (Müll. Hal.) J.R. Spence H.P. Ramsay
Taxon status: Accepted name; taxon occurs in Galapagos.
 According to Weber annotation in 2007 (COLO 255176), *Brachymenium systylium* (C.M.) Steere is a synonym.
Galapagos Distribution: Santa Cruz.
References: Royal Botanic Gardens, Kew et al. (2010).
73. *Leucobryum albidum* (Brid. ex P. Beauv.) Lindb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
74. *Leucomium strumosum* (Hornsch.) Mitt.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Santa Cruz.
75. *Macromitrium cirrosum* (Hedw.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Pinta, Pinzón, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
76. *Macromitrium cirrosum* var. *stenophyllum* (Mitt.) Grout.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Macromitrium laevisetum*
Galapagos Distribution: Unknown.
References: Bartram, E.B. et al. (1961), Weber, W.A. et al. (1971).
77. *Macromitrium guatemaliense* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).

78. *Macromitrium longifolium* (Hook.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Macromitrium homalacron*, *M. scabrisetum*
Galapagos Distribution: Floreana, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Andersson, N.J. et al. (1855), Bartram, E.B. et al. (1933), Farlow, W.G. et al. (1902), Gradstein, S.R. et al. (1982), Hooker, J.D. et al. (1847), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
79. *Meteoriopsis anderssonii* (Müll. Hal.) Broth.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Acc. name: ???, Syn.: *Pilotrichella anderssonii*
Galapagos Distribution: Unknown.
80. *Octoblepharum albidum* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Fernandina, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.
References: Bartram, E.B. et al. (1933), Bartram, E.B. et al. (1961), Bartram, E.B. et al. (1935), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Steere, W.C. et al. (1936), Svenson, H.K. et al. (1935), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
81. *Orthodontium pellucens* (Hook.) Bruch
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Orthodontium confine*
Galapagos Distribution: Pinta, Santiago.
References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
82. *Papillaria nigrescens* (Hedw.) A. Jaeger
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bartram, E.B. et al. (1933), Bartram, E.B. et al. (1961), Farlow, W.G. et al. (1902), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
83. *Philonotis sphaerocarpa* (Hedw.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Gradstein, S.R. et al. (1982).
84. *Philonotis uncinata* (Schwaegr.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Pinta, Santa Cruz, Santiago.
References: Gradstein, S.R. et al. (1982).
85. *Philonotis uncinata* var. *glaucescens* (Hornsch.) Florsch.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Philonotis glaucescens*
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
References: Weber, W.A. et al. (1975).
86. *Philonotis uncinata* var. *gracillima* (Ångstr.) Florsch.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Philonotis gracillima*
Galapagos Distribution: Floreana, Isabela, San Cristóbal.
References: Bartram, E.B. et al. (1933), Steere, W.C. et al. (1948), Weber, W.A. et al. (1975), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
87. *Pilotrichella anderssonii* (Müll. Hal.) A. Jaeger
Taxon status: Taxonomic status unresolved or unrevised.
 Acc. name: ???, Syn.: *Meteoriopsis anderssonii*
Galapagos Distribution: Unknown.

88. *Pohlia cruda* (Hedw.) Lindb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
89. *Pohlia elongata* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982).
90. *Pohlia nutans* (Hedw.) Lindb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
91. *Polytrichum juniperinum* Willd.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982).
92. *Porotrichum mutabile* Hampe
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Porotrichum insularum*
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1984).
93. *Porotrichum substriatum* (Hampe) Mitt.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Porotrichum plicatulum*
Galapagos Distribution: San Cristóbal, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
94. *Prionodon densus* (Hedw.) Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
95. *Pseudocrossidium replicatum* (Taylor) R.H. Zander
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Barbula replicata*
Galapagos Distribution: Floreana, Isabela, Santiago.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Steere, W.C. et al. (1936), Weber, W.A. et al. (1975), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
96. *Ptychomitrium incurvum* (Schwaegr.) Spruce
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Isabela, San Cristóbal, Santa Cruz.
References: Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
97. *Racopilum tomentosum* (Hedw.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Steere, W.C. et al. (1936), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
98. *Rhamphidium dicranoides* (Müll. Hal.) Paris
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: San Cristóbal.
References: Gradstein, S.R. et al. (1982).
99. *Rhodobryum roseum* (Hedw.) Limpr.
Taxon status: Accepted name; taxon occurs in Galapagos.

- Galapagos Distribution:** Isabela.
References: Gradstein, S.R. et al. (1982).
100. *Rhynchosygium scariosum* (Taylor) A. Jaeger
Taxon status: Identification not yet confirmed.
 Syn.: *Steerecleus scariosus*, fide Gradstein (pers. comm. 2008)
Galapagos Distribution: Unknown.
101. *Rhynchosygium serrulatum* (Hedw.) A. Jaeger Sauerb.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Steerecleus serrulatus*, fide Gradstein (pers. comm. 2008)
Galapagos Distribution: Isabela, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975).
102. *Schlotheimia jamesonii* (Arn.) Brid.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela.
References: Bartram, E.B. et al. (1933), Farlow, W.G. et al. (1902), Steere, W.C. et al. (1948), Weber, W.A. et al. (1971).
103. *Schlotheimia rugifolia* (Hook.) Schwaegr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
104. *Schoenobryum concavifolium* (Griff.) Gangulee
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Acrocryphaea coffeae*
Galapagos Distribution: Fernandina, Isabela, Santa Cruz, Santiago.
References: Weber, W.A. et al. (1975).
105. *Scopelophila ligulata* (Spruce) Spruce
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982).
106. *Sematophyllum adnatum* (Michx.) E. Britton
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975), Weber, W.A. et al. (1971).
107. *Sematophyllum galipense* (Müll. Hal.) Mitt.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, Santa Cruz.
References: Bartram, E.B. et al. (1933).
108. *Sematophyllum subpinatum* (Brid.) E. Britton
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Sematophyllum caespitosum*
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz.
References: Weber, W.A. et al. (1966).
109. *Sphagnum alegrense* Warnst.
Taxon status: Taxonomic status unresolved or unrevised.
 unresolved name; original publication: *Hedwigia* 47: 83. 2b 83, 1907
Galapagos Distribution: Santa Cruz.
References: Gradstein, S.R. et al. (1982), Royal Botanic Gardens, Kew et al. (2010).
110. *Sphagnum cuspidatum* var. *serrulatum* (Schlieph.) Schlieph.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Specimens det. by R. Krisai, Austria
Galapagos Distribution: Unknown.

References: Bartram, E.B. et al. (1933), Bartram, E.B. et al. (1961), Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1971), Weber, W.A. et al. (1966).

111. *Sphagnum perichaetiale* Hampe

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Sphagnum erythrocalyx*

Galapagos Distribution: Isabela, Santa Cruz, Santiago.

References: Bartram, E.B. et al. (1933), Bartram, E.B. et al. (1961), Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

112. *Sphagnum recurvum* P. Beauv.

Taxon status: Accepted name; taxon occurs in Galapagos.

Specimens det. by R. Krisai, Austria

Galapagos Distribution: Unknown.

113. *Squamidium caroli* (Müll. Hal. ex Ångström) Broth.

Taxon status: Accepted name; taxon occurs in Galapagos.

Origin: Native, Endemic.

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

References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Royal Botanic Gardens, Kew et al. (2010), Steere, W.C. et al. (1948), Weber, W.A. et al. (1984), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

114. *Squamidium leucotrichum* (Taylor) Broth.

Taxon status: Accepted name; taxon occurs in Galapagos.

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

References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

115. *Squamidium nigricans* (Hook.) Broth.

Taxon status: Accepted name; taxon occurs in Galapagos.

Syn.: *Pilotrichella nigricans*

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

References: Ångström, A.J. et al. (1873), Bartram, E.B. et al. (1933), Farlow, W.G. et al. (1902), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).

116. *Stereophyllum radiculosum* (Hook.) Mitt.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: San Cristóbal, Santa Cruz, Santiago.

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

117. *Syrrhopodon circinatus* (Brid.) Mitt.

Taxon status: Identification not yet confirmed.

Galapagos Distribution: Santa Cruz.

118. *Syrrhopodon gaudichaudii* Mont.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Isabela, Pinzón.

References: Bartram, E.B. et al. (1933), Bartram, E.B. et al. (1961), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

119. *Syrrhopodon incompletus* Schwaegr.

Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Isabela, Pinta, Pinzón, San Cristóbal, Santa Cruz, Santiago.

References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Steere, W.C. et al. (1936), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).

120. *Syrrhopodon parasiticus* (Brid.) Besch.

Taxon status: Accepted name; taxon occurs in Galapagos.

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

References: Bartram, E.B. et al. (1933), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948),

- Weber, W.A. et al. (1966), Weber, W.A. et al. (1971).
121. *Syrrhopodon prolifer* var. *acanthoneuros* (Müll. Hal.) Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, Pinzón.
References: Royal Botanic Gardens, Kew et al. (2010).
 122. *Syrrhopodon prolifer* var. *prolifer* Schwaegr.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Isabela, San Cristóbal, Santa Cruz, Santiago.
 123. *Syrrhopodon tortilis* Hampe
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Syrrhopodon ulei* Müll. Hal.
Galapagos Distribution: Isabela, Santa Cruz.
References: Royal Botanic Gardens, Kew et al. (2010).
 124. *Thuidium delicatulum* (Hedw.) B.S.G.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Thuidium recognitum* var. *delicatulum*
Galapagos Distribution: Isabela.
References: Gradstein, S.R. et al. (1982).
 125. *Thuidium recognitum* (Hedw.) Lindb.
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982), Gradstein, S.R. et al. (1979).
 126. *Tortella humilis* (Hedw.) Jenn.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Tortella caespitosa*
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz.
References: Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948), Weber, W.A. et al. (1966), Weber, W.A. et al. (1971), Williams, R.S. et al. (1924).
 127. *Trichostomum brachydontium* Bruch.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Santa Cruz.
 128. *Trichostomum jamaicense* (Mitt.) A. Jaeger
Taxon status: Taxonomic status unresolved or unrevised.
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz.
References: Gradstein, S.R. et al. (1982).
 129. *Trichostomum sinaloensis* (Bartr.) Zand.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Weissia sinaloensis*, *Hyophila guadalupensis* Broth., *Hyophila microcarpa* Broth., *Trichostomum microcarpum* Schimp. ex Besch., *Weissia minycarpa* R.H. Zander
Galapagos Distribution: Floreana, Isabela, Pinta, Pinzón, Santa Cruz, Santiago.
References: Royal Botanic Gardens, Kew et al. (2010).
 130. *Weissia breutelii* Müll. Hal.
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Hymenostomum breutelii*
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
 131. *Weissia condensa* (Voit ex Sturm) Lindb.
Taxon status: Identification not yet confirmed.
Galapagos Distribution: Pinzón.
 132. *Weissia controversa* Hedw.
Taxon status: Accepted name; taxon occurs in Galapagos.

Galapagos Distribution: Floreana, Isabela.

References: Gradstein, S.R. et al. (1982), Weber, W.A. et al. (1975).

133. *Weissia jamaicensis* (Mitt.) Grout.
Taxon status: Taxonomic status unresolved or unrevised.
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
134. *Weissia veviridis* R.H. Zander
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Trichostomum perviride*
Galapagos Distribution: Unknown.
References: Gradstein, S.R. et al. (1982).
135. *Weissiodicranum insularum* Reese
Taxon status: Accepted name; taxon occurs in Galapagos.
Galapagos Distribution: Floreana, San Cristóbal, Santa Cruz.
References: Reese, W.D. et al. (1991), Weber, W.A. et al. (1993).
136. *Zelometeorium patulum* (Hedw.) Manuel
Taxon status: Accepted name; taxon occurs in Galapagos.
 Syn.: *Meteoriopsis patula*
Galapagos Distribution: Fernandina, Floreana, Isabela, Pinta, San Cristóbal, Santa Cruz, Santiago.
References: Bartram, E.B. et al. (1961), Gradstein, S.R. et al. (1982), Steere, W.C. et al. (1948).

Rejected Taxa:

1. *Campylopus introflexus* (Hedw.) Mitt.
 Misidentification of *Campylopus pilifer* (= *C. polytrichoides*), fide Weber (1975) Frahm (1974)
2. *Polytrichum piliferum* Hedw.
 Must be a mistake, fide R. Gradstein (pers. comm. 2008), probably type error for *Polytrichum juniperinum* in Gradstein (1979)

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1. Andersson, N.J. (1855) *Om Galápagos Öarnes Vegetation*. Kongliga Svenska Vetenskaps Akademien Handl., Stockholm: 61-256.
2. Bartram, E.B. (1933) *Mosses of the Tempelton Crocker Expedition Collected by John Thomas Howell and Lists of the Mosses Known from the Galapagos Islands and from Cocos Island*. Proc. Calif. Acad. Sci., 4th Series 21(8): 75-86.
3. Bartram, E.B. (1935) *Musci*. In: Svenson, H.K.: *Plants of the Astor Expedition, 1930 (Galapagos and Cocos Islands)*. Amer. J. Bot. 22(2): 221.
4. Bartram, E.B. (1948) *Mosses collected by Dr. John Eriksson during the Swedish Albatross Expedition 1947-48*. Acta Horti Gotoburgensis 18: 267.
5. Bartram, E.B. (1961) *Mosses*. In: Bartram, E.B. Arnell, S. (eds.): *Bryophytes of the Galápagos islands collected principally by Gunnar Harling in 1959*. The Bryologist 64: 248-249.
6. Farlow, W.G. (1902) *Lichens*. In: B.L. Robinson: *Flora of the Galapagos Islands*. Proc. Amerc. Acad. Arts Sc. 38(4): 83-89, N.S. 14 (Papers from the Hopkins-Stanford Expedition to the Galapagos Islands)
7. Frahm, J.-P., Sipman, H.J.M. (1978) *Eine neue Campylopus-Art von den Galapagos Inseln*. J. Bryol. 10: 61-64.

8. Frahm, J.-P. (1987) *A revised list of the Campylopus species of the world*. Bryol. Beitr. 7: 1-117.
9. Gradstein, S.R., Sipman, H.J.M. (1978) *Taxonomy and world distribution of Campylopus introflexus and C. pilifer (= C. polytrichoides): a new synthesis*. The Bryologist 81: 114-121.
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11. Gradstein, S.R., Weber, W.A. (1982) *Bryogeography of the Galapagos Islands*. J. Hattori Bot. Lab. 52: 127-152.
12. Hooker, J.D. (1847) *An Enumeration of the Plants of the Galapagos Archipelago; with descriptions of those which are new*. Transactions of the Linnean Society of London 20: 163-233.
13. Reese, W.D., Buck, W.R. (1991) *Weissiodicranum insularum gen. et sp. nov.* The Bryologist 94(3): 308-310.
14. Reid, D.A., Pegler, D. N., Spooner, B. M. (1980) *An Annotated List of the Fungi of the Galápagos Islands* Kew Bulletin. Vol. 35, No. 4 (1980), pp. 847-892 Published by: Royal Botanic Gardens, Kew. Article Stable URL: <http://www.jstor.org/stable/4110185>
15. Royal Botanic Gardens, Kew, Missouri Botanical Garden (eds.) (2010) *The Plant List, Version 1., online publication*. <http://www.theplantlist.org/>
16. Steere, W.C. (1936) *Mosses of the G. Allan Hancock Expedition of 1934, collected by WM R. Taylor*. Hancock Pacific Expeditions 3(1): 1-13.
17. Steere, W.C. (1948) *Contribution to the bryogeography of Ecuador. I. A review of the species of musci previously reported*. The Bryologist 51(3): 65-167.
18. Svenson, H.K. (1935) *Plants of the Astor Expedition, 1930 (Galapagos and Cocos Islands)*. Am. J. of Botany 22: 208-277.
19. Weber, W.A. (1966) *Lichenology and Bryology in the Galápagos Islands, with Check Lists of the Lichens and Bryophytes Thus Far Reported*. In R.I. Bowman (ed.): The Galápagos. Proceedings of the Symposium of the Galápagos International Scientific Project, University of California Press, Berkeley, p. 197-200.
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21. Weber, W.A. (1971) *Four new species of Buellia from western North and South America*. The Bryologist 74: 185-191.
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26. Williams, R.S. (1924) *Note on Galapagos and Cocos island mosses*. The Bryologist 27: 65.
27. Ångström, A.J. (1873) *Förteckning och beskrifning öfver mossor, samlade af N. J. Andersson under Fregatten Eugenie's verdensomsegling aren 1851-1853*. Öfversigt af Kongl. Vetenskaps-Akademiens Förhandlingar 5: 113-151.